Panasonic

ORDER No. PACD031201G2

Engineering Data

urban multi series

R410A OZONE FRIENDLY

MX3 Series
ME3 Series

Packaged Air-Conditioner Company
Matsushita Electric Industrial Co.,Ltd

Part 1 General Information 1 1

Part 2 Outdoor Units 27

Inverter Heat Pump Series 2 MX3 29

Heat Recovery Series 3 ME3 205

Part 3 Indoor Units 361

2-way Cassette Type 4 S-LM3 363

2×2 Cassette Type..... 5 S-YM3 387

4-way Cassette Type 6 S-UM3 409

Corner Type 7 S-DM3 435

Built-in Type 8 S-FM3 459

Ducted Type 9 S-EM3 487

Small Duct Type 10 S-NM3 517

Ceiling Type 11 S-TM3 527

Wall Type..... 12 S-KM3 539

Floor Standing Type / Concealed Floor Standing Type ..... 13 S-PM3 / S-RM3 557

HR Box 14 CZ-HR1 577

Part 4 Control System 583

Individual Control System 15 585

Centralized Control System 16 607

Optional Adapters 17 623

Part 1
General Information

1. Model Names of Indoor/Outdoor Units....2
2. External Appearance....3
   2.1 Indoor Units....3
   2.2 Outdoor Units....4
3. Features....5
   3.1 Technologies....5
   3.2 Flexible Design....6
   3.3 High Reliability....8
   3.4 Quiet Operation....9
   3.5 How Do Installers Benefit from the UM System?....10
   3.6 What are the Advantages for Users?....13
4. Selection Procedure....14
   4.1 Selection Procedure MX3, ME3 Series Based on Cooling Load....14
   4.2 Branch Pipe System....17
   4.3 REFNET Pipe Selection....23

1. Model Names of Indoor/Outdoor Units

Indoor Units

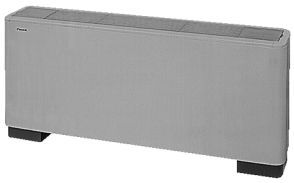
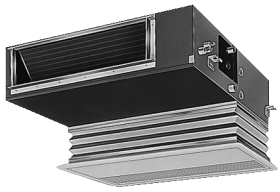
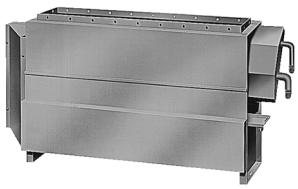
Type	Series Name	Size (kW)											Power Supply
		2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	22.4	28.0	
2-way Cassette Type	LM3	●	●	●	●	●	●	●	—	●	—	—	1ϕ. 220~240V. 50Hz. 1ϕ. 220V. 60Hz
2×2 Cassette Type	YM3	●	●	●	●	●	—	—	—	—	—	—	
4-way Cassette Type	UM3	●	●	●	●	●	●	●	●	●	—	—	
Corner Type	DM3	—	●	●	●	—	●	—	—	—	—	—	
Built-in Type	FM3	●	●	●	●	●	●	●	●	●	—	—	
Ducted Type	EM3	—	—	—	●	●	●	●	●	●	●	●	
Small Duct Type	NM3	●	●	—	—	—	—	—	—	—	—	—	
Ceiling Type	TM3	—	—	●	—	—	●	—	●	—	—	—	
Wall Type	KM3	●	●	●	●	●	●	—	—	—	—	—	
Floor Standing Type	PM3	●	●	●	●	●	●	—	—	—	—	—	
Concealed Floor standing Type	RM3	●	●	●	●	●	●	—	—	—	—	—	
Capacity Index		20	25	31.25	40	50	62.5	80	100	125	200	250	

Outdoor Units

Heat Pump	Heat Recovery	Fixed Combinations	Nr. of Outdoors	Nr. of Compressors	Nr. of Connectable Indoor Units	Minimum Capacity Index	Maximum Capacity Index
U-5MX3XPS	—	5HP	1	1	8	62.5	162.5
U-8MX3XPS	U-8ME3XPQ	8HP	1	2	13	100	260
U-10MX3XPS	U-10ME3XPQ	10HP	1	2	16	125	325
U-12MX3XPS	U-12ME3XPQ	12HP	1	2	20	150	390
U-14MX3XPS	U-14ME3XPQ	14HP	1	3	20	175	455
U-16MX3XPS	U-16ME3XPQ	16HP	1	3	20	200	520
PA-18MX3XPQ	PA-18ME3XPQ	8HP+10HP	2	4	20	225	585
PA-20MX3XPQ	PA-20ME3XPQ	10HP×2	2	4	20	250	650
PA-22MX3XPQ	PA-22ME3XPQ	10HP+12HP	2	4	22	275	715
PA-24MX3XPQ	PA-24ME3XPQ	10HP+14HP	2	5	32	300	780
PA-26MX3XPQ	PA-26ME3XPQ	10HP+16HP	2	5	32	325	845
PA-28MX3XPQ	PA-28ME3XPQ	12HP+16HP	2	5	32	350	910
PA-30MX3XPQ	PA-30ME3XPQ	14HP+16HP	2	6	32	375	975
PA-32MX3XPQ	PA-32ME3XPQ	16HP×2	2	6	32	400	1.040
PA-34MX3XPQ	PA-34ME3XPQ	10HP×2+14HP	3	7	34	425	1.105
PA-36MX3XPQ	PA-36ME3XPQ	10HP×2+16HP	3	7	36	450	1.170
PA-38MX3XPQ	PA-38ME3XPQ	10HP+12HP+16HP	3	7	38	475	1.235
PA-40MX3XPQ	PA-40ME3XPQ	10HP+14HP+16HP	3	8	40	500	1.300
PA-42MX3XPQ	PA-42ME3XPQ	10HP+16HP×2	3	8	40	525	1.365
PA-44MX3XPQ	PA-44ME3XPQ	12HP+16HP×2	3	8	40	550	1.430
PA-46MX3XPQ	PA-46ME3XPQ	14HP+16HP×2	3	9	40	575	1.495
PA-48MX3XPQ	PA-48ME3XPQ	16HP×3	3	9	40	600	1.560

2. External Appearance

2.1 Indoor Units

2-way Cassette Type S-20LM3 S-25LM3 S-32LM3 S-40LM3 S-50LM3 S-63LM3 S-80LM3 S-125LM3 	Ducted Type S-40EM3 S-50EM3 S-63EM3 S-80EM3 S-100EM3 S-125EM3 S-200EM3 S-250EM3  S-40~125EM3  S-200 · 250EM3
2×2 Cassette Type S-20YM3 S-25YM3 S-32YM3 S-40YM3 S-50YM3 	Ceiling Type S-32TM3 S-63TM3 S-100TM3 
4-way Cassette Type S-25UM3 S-32UM3 S-40UM3 S-50UM3 S-63UM3 S-80UM3 S-100UM3 S-125UM3 	Wall Type S-20KM3 S-25KM3 S-32KM3 S-40KM3 S-50KM3 S-63KM3 
Corner type S-25DM3 S-32DM3 S-40DM3 S-63DM3 	Floor Standing Type S-20PM3 S-25PM3 S-32PM3 S-40PM3 S-50PM3 S-63PM3 
Built-in Type S-20FM3 S-25FM3 S-32FM3 S-40FM3 S-50FM3 S-63FM3 S-80FM3 S-100FM3 S-125FM3 	Concealed Floor Standing Type S-20RM3 S-25RM3 S-32RM3 S-40RM3 S-50RM3 S-63RM3 
Small Duct Type S-20NM3 S-25NM3 	HR Box CZ-100HR1 CZ-160HR1 CZ-250HR1 

2.2 Outdoor Units

H/P	U-5MX3	H/P	U-8·10MX3	H/P	U-12·14·16MX3
H/R	—	H/R	U-8·10ME3	H/R	U-12·14·16ME3
 5HP		 8,10HP		 12,14,16HP	

H/P	PA-18·20MX3	H/P	PA-22·24·26MX3
H/R	PA-18·20ME3	H/R	PA-22·24·26ME3
 18, 20HP		 22, 24, 26HP	

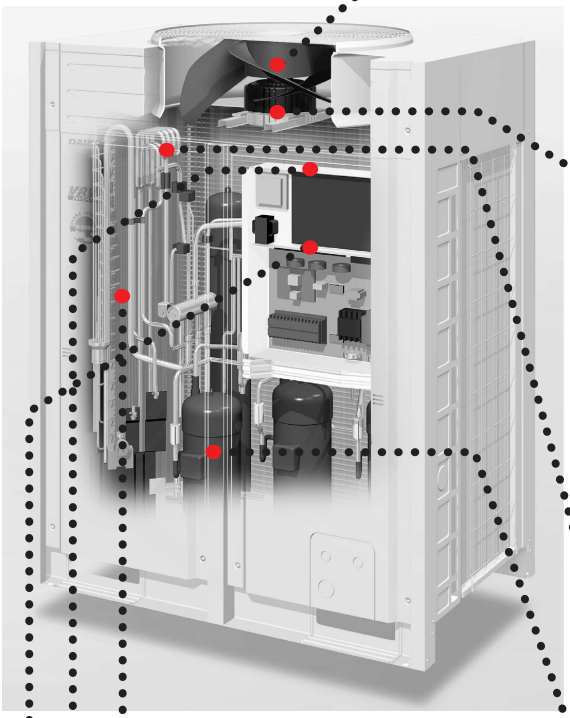
H/P	PA-28·30·32MX3	H/P	PA-34·36MX3
H/R	PA-28·30·32ME3	H/R	PA-34·36ME3
 28, 30, 32HP		 34, 36HP	

H/P	PA-38·40·42MX3	H/P	PA-44·46·48MX3
H/R	PA-38·40·42ME3	H/R	PA-44·46·48ME3
 38, 40, 42HP		 44, 46, 48HP	

1

3. Features

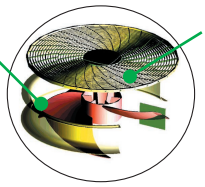
3.1 Technologies



Aero Fitting Grille and Aero Spiral Fan

These new features achieve a low noise fan with a large airflow, and realize a compact casing together with the compressor linking technology.

Aero Spiral Fan
Bending of the fan blade edge reduces turbulence, resulting in less pressure loss.



Aero Fitting Grille
New shape promotes a spiral discharge airflow, resulting in reduced pressure loss.

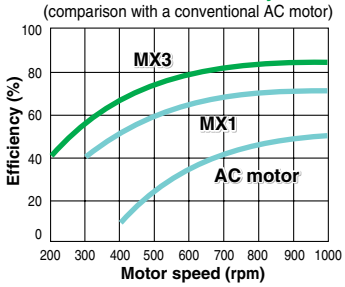
DC Fan Motor

- First use across entire range of models (from 5 to 48 HP).
- Efficiency improvement by 40% especially in low speed.

DC Fan Motor Structure



DC motor efficiency
(comparison with a conventional AC motor)

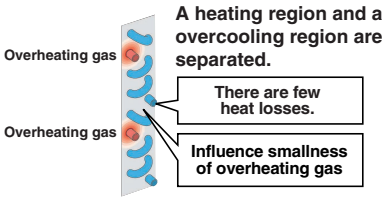


SCe-Bridge Circuit

The new sub-cool feature prevents the flushing of liquid refrigerant from long piping due to the effects of SCe-bridge.
This can reduce the refrigerant volume required in piping and thereby enable a reduction in piping size.

e-Pass Heat Exchanger

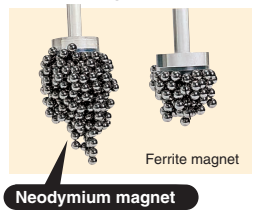
To optimize the path of heat exchanger.



Reluctance DC Scroll Compressor

High torque and efficiency is attained by employing neodymium magnets.
Achieves 70% reduction in volume.

Secret to raising energy-efficiency!
Powerful magnets



Neodymium magnet is much more powerful than the widely used ferrite magnets.



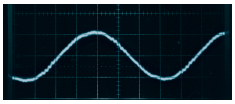
Compact Aero Box

Realizes a compact casing by stacking the Inverter and control pcbs plus optimizing the internal design to suit airflow speed. This achieves lower noise and reduces the power required by the large-diameter fanned outdoor unit.

Smooth Sine Wave DC Inverter

By adoption of the Sine Wave which smoothes rotation of a motor, operation efficiency has improved sharply.

Sine Wave DC inverter



R410A...

a refrigerant with "ZERO" ozone layer-depleting coefficient and no chlorone.

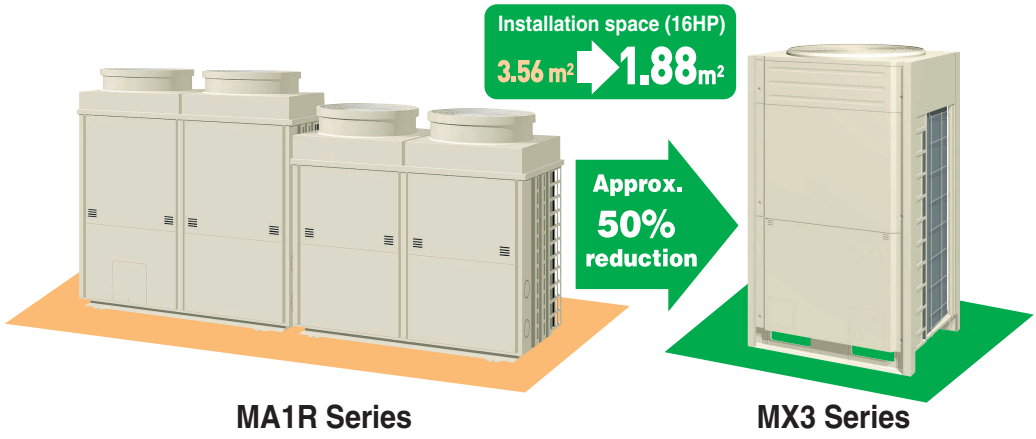
R410A is a new mixed refrigerant that exhibits superior safety characteristics. Even with a zero coefficient of ozone layer depletion, R410A offers a better performance to the conventional R22.

3.2 Flexible Design

New ■An Incredible 50 %*1 Reduction in Installation Space

The MX3 has drastically reduced the installation space required, making it the most space saving system in the industry.

*1. At 16 HP



New ■Neat Appearance on the Roof

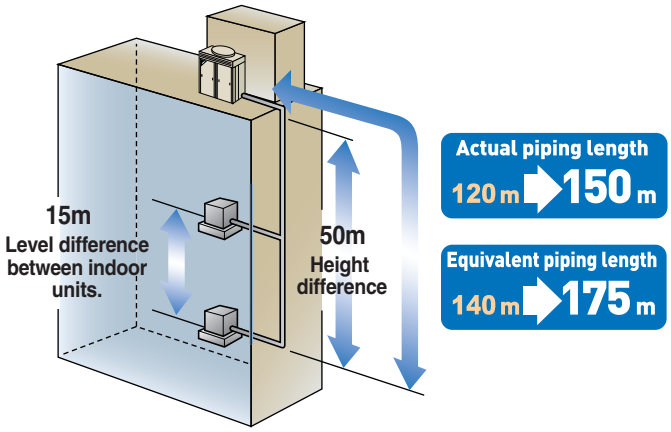
All units have the same height, adding to neat appearance. All piping can be installed below the units.



New ■Piping Length Extended to 150 m*2

Industry's longest*3 actual piping length of 150 m provides even more flexibility during installation.

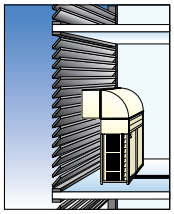
*2. Total piping length is 300 m
*3. As of October, 2002

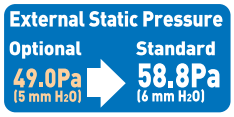


New ■ High External Static Pressure 58.8Pa (6 mm H_2O)

Daikin now offers 58.8Pa (6 mm H_2O) external static pressure specification as standard (previously 49.0Pa (5 mm H_2O) as an option*4) to meet the requirements of veranda installation.

*4. On-site adjustment is required

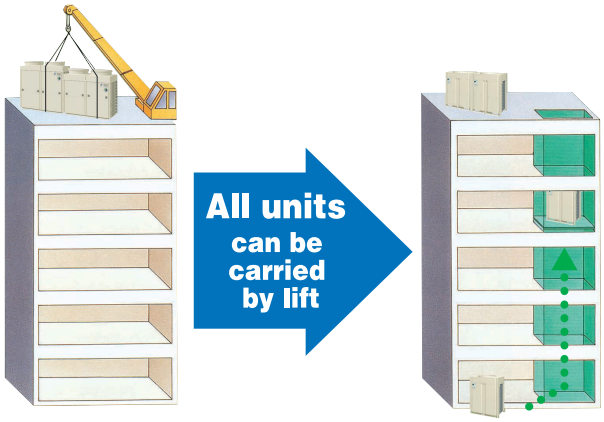




Easy Installation

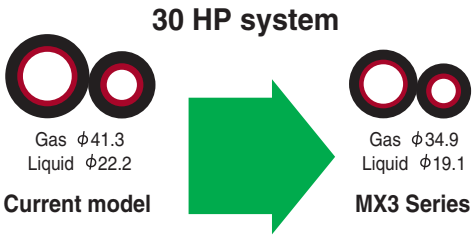
New ■ Transportation by Lift

All units can be transported by lift. This makes installation dramatically easy, and effectively reduces time and labor.



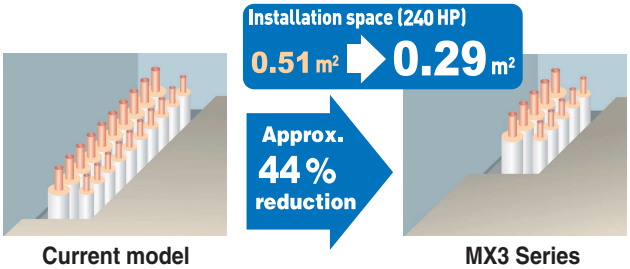
New ■ Reduction in Refrigerant Piping Diameter

By employing unique multi-interlocking between the refrigerant circuit and outdoor unit, reduction of the main pipe diameter was possible. For example, the gas pipe of the high capacity 30 HP system becomes just ϕ34.9. Not only does this result in easier piping work, it also reduces the space required for pipe shafts.



New ■ Fewer Pipes

MX3 requires fewer pipes and therefore less room for piping than UM, resulting in a reduction in piping work and significant space saving.



3.3 High Reliability

New ■Double Backup Operation in Compressors and Units

If one of the three compressors in an outdoor unit malfunctions, one of the other compressors takes over emergency operation. Furthermore, if one outdoor unit malfunctions in a system of more than 18 HP, other outdoor units provide emergency operation until repair is effected.

If one compressor malfunctions...



Emergency operation occurs.

If one outdoor unit malfunctions...



Emergency operation occurs.



Can be easily started by remote control of the indoor unit. (For systems of 18 HP or more)

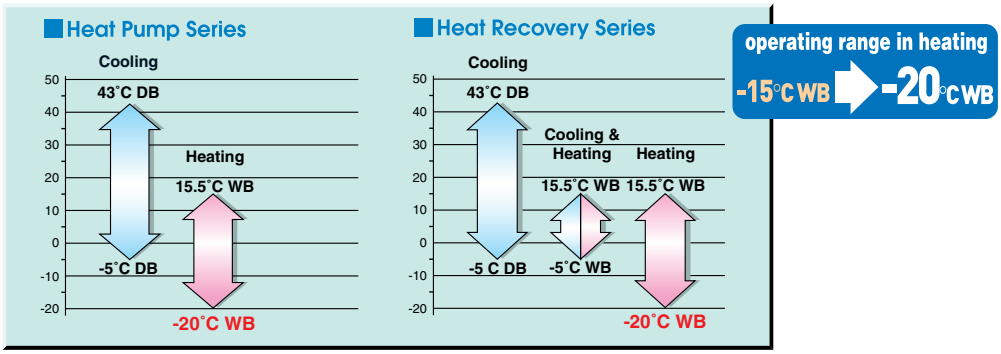
New ■Duty Cycling of Outdoor Units and Compressors

The MX3 employs a system that balances the usage of each outdoor unit in order to prolong itself and their stability. This duty cycling function covers a maximum of three outdoor units. It switches starting sequence of multiple outdoor units.

New ■Extended Operating Range

By employing a high-pressure dome-type compressor, the operating range in heating has been extended from -15˚C to -20˚C.

Outdoor temperature operating range



1

3.4 Quiet Operation

New ■Night Time Quiet Operation Function

2 modes*1 with low operating sound level at night.

Mode 1. Automatic mode

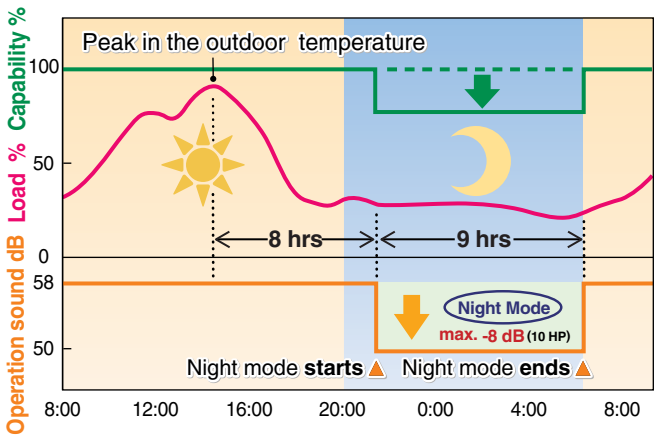
Set on the outdoor PCB. Time of maximum temperature is memorized. The low operating mode will become active 8 hours*2 after the peak temperature in the daytime, and operation will return to normal 9 hours*3 after that.

Mode 2. Customized mode

Starting time and ending time can be input. (BMS interface adaptor for outdoor unit, DTA104A61 or DTA104A62, and a subsequently obtained timer are necessary.)

*1. Determine which mode to select depending on the climatic characteristics of each country.
*2. Initial setting. Can be selected from 6, 8 and 10 hours.
*3. Initial setting. Can be selected from 8, 9 and 10 hours.

<Mode 1. Automatic mode>



Note: • This function is available in setting at site.
• The relationship of outdoor temperature (load) and time shown in the graph is just an example.

Environmentally Aware

New ■Uses HFC R410A with Zero Ozone Depletion Potential

New ■Reduced Refrigerant Volume

MX3 uses less refrigerant than UM and hence has less environmental impact.

New ■Lead Free PC Boards

MX3 uses PC boards with no lead, making its use even more environmentally conscious.

New ■Easily Recycled Casing

Galbarium, a material that requires no coating, is used for the bottom plate for easy recycling.

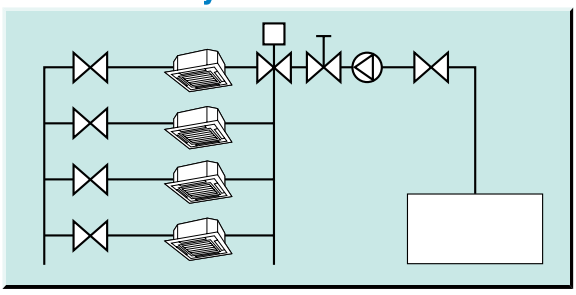
3.5 How Do Installers Benefit from the UM System?

Unique piping and wiring systems and lightweight, compact indoor units make it possible for just a few people to install a UM system quickly and easily. The Auto Address Setting function and the Auto Check function for piping and wiring errors allow anyone with just the ability to install regular direct expansion type air conditioning equipment to perform a highly reliable installation.

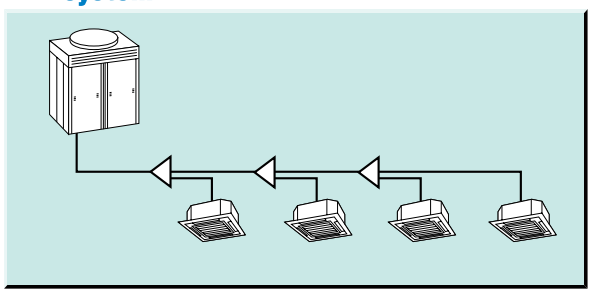
Reduced Piping and Cost

■ Advanced branch piping system makes installation easy. Only two* main refrigerant lines are required in one system, and the strainers, stop valves, two-way and three-way valves, used in conventional water piping systems are not required. Thanks to the branch piping system and electronic expansion valves, imbalances in refrigerant flow between units is greatly reduced even though small-diameter piping is used. The small-diameter piping is also easy to handle and requires less piping shaft space. (* Three in the case of heat recovery type.)

Water Chiller System



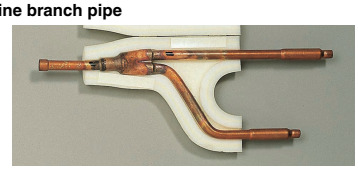
UM system



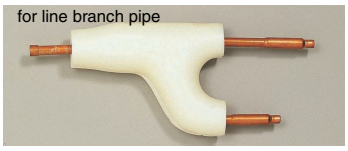
Branch Piping Kits

■ The line branch pipe and header branch pipe (both optional) reduce the amount of work involved in installation and increases the reliability of the system.

Line branch pipe



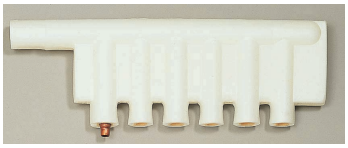
ATTACHED INSULATORS for line branch pipe



Header branch pipe

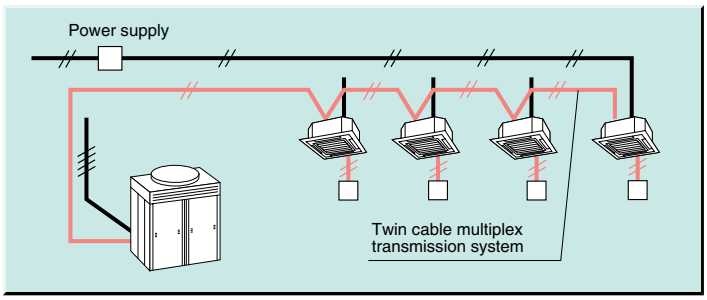


for header branch pipe



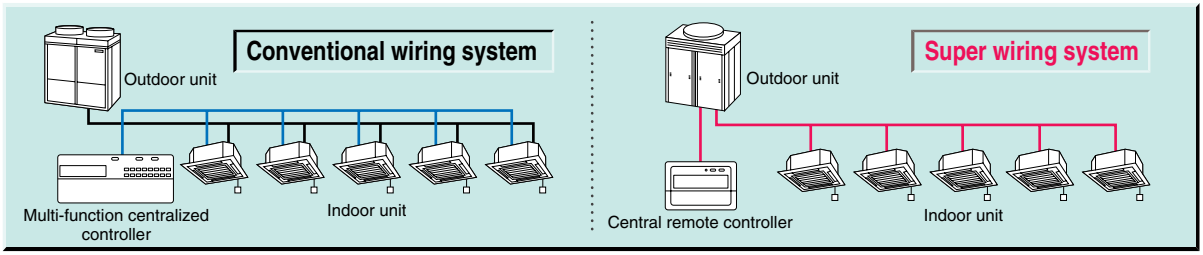
Simple Wiring

■ Two-wire multiplex transmission system makes it possible to connect multiple indoor units to one outdoor unit with one 2-core wire, thus simplifying the wiring operation.



Super Wiring System

■A Super Wiring system is used to enable the shared use of the wiring between indoor and outdoor units and the central control wiring. A high-level central control system can be achieved via a relatively simple wiring operation. Even when retrofitting with a central control system, all that is required is to connect the central control unit to the outdoor units.



Auto Address Setting Function

■The address of each indoor unit is set automatically at the same time they are connected, thus eliminating the need to manually set each address. Address setting for central control can be performed easily from the remote controller of an indoor unit.

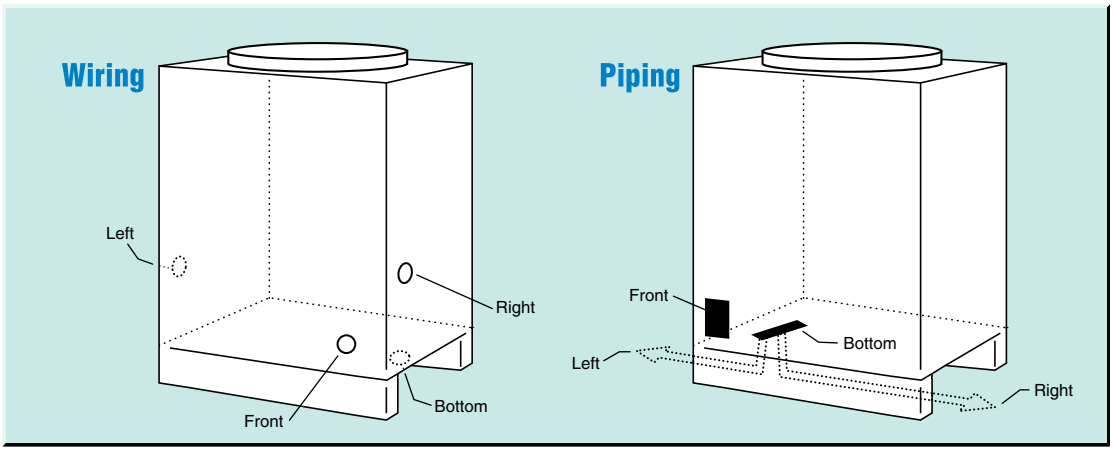
Sequential Starting

■By employing UM-net, systems on the same power line will be started sequentially. This holds down the starting current, allowing the capacities of breakers to remain small (possible up to 100 HP).

Four-Way Wiring and Piping Connection

■Wiring can be fed from the front panel, both left and right side panels or bottom panel of the outdoor unit.
Piping can be fed from 4 directions, front, both left and right or bottom of the outdoor unit.

These features increase installation flexibility, minimizing the space required for installation and simplifying maintenance of the wiring and piping.



Note: Refer to engineering data for details of the exterior design of the outdoor unit and the locations of connection points for piping and wiring.

Check Function for Connection Errors of Wiring and Piping

■Mistakes in piping or wiring in the system can be checked via lamps on the printed circuit board of the outdoor unit.

Self-Diagnosis Function for Efficient Servicing and Maintenance

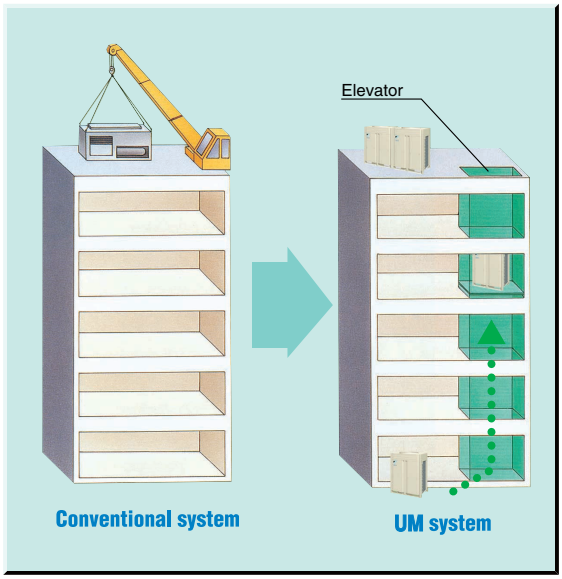
■ The self-diagnosis function detects malfunctions in major locations in the system and displays the type of malfunction and location. This allows servicing and maintenance to be performed more efficiently.

Self diagnostic examples

Operation lamp	Inspection display	Unit No.	Malfunction code	Nature of malfunction
Blinking	Blinking	Blinking	A1	Indoor unit : Print circuit board error
Blinking	Blinking	Blinking	A9	Indoor unit: Electronic expansion valve drive unit (YIE) error
Blinking	Blinking	Blinking	U4	Transmission error : Indoor unit ⟷ Outdoor HR box; Outdoor unit ⟷ HR box

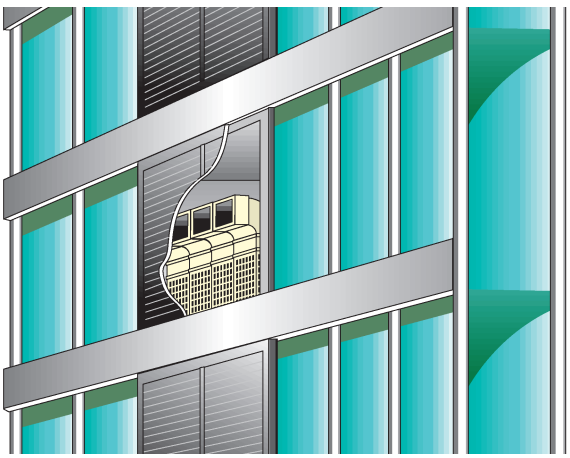
Light weight, Compact Units

■ Indoor units are so lightweight and compact that they can be installed in any ceiling space. Outdoor units do not require special cranes or conveyors to move them. They can even be hauled in a building elevator.



Installation by Floor

■ If necessary, installation can be performed by floor. The installers do not have to wait until the entire system is installed in the building to test the system in each section.

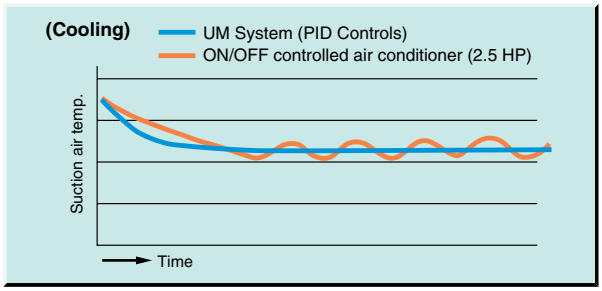


3.6 What are the Advantages for Users?

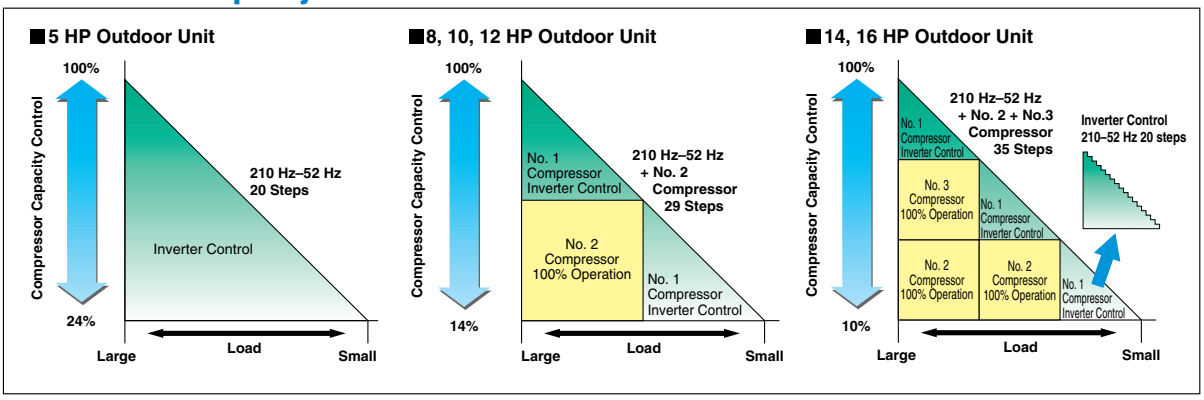
The UM system is an advanced system that offers convenience and comfort for end users.

Precise Room Temperature Control

■Electronic expansion valves respond to changes in load in indoor units and continually control the flow rate of refrigerant. In this way, the UM system maintains a nearly constant room temperature without the typical temperature changes that occur with a conventional ON/OFF control system. The extremely refined PID control maintains the room temperature within ±0.5 ˚C of the set temperature.



Inverter-driven capacity control



Automatic Cooling and Heating Switching

■The difference between the set temperature and actual room temperature is detected and the cooling or heating mode is automatically switched over.

Auto Swing

■Whether it be a cassette type (2-way/4-way/2×2) type, corner type, ceiling type or wall type, all these indoor units have an Auto Swing mechanism that helps keep the room temperature uniform.

Low Operating Sound Design

■All indoor units have a low operating sound design.

LCD Remote Controller

■The remote controller uses an easy-to-read liquid crystal display for easy operation. A full line of wired and wireless controllers is available for the indoor units of all types.

Auto Restart Function

■Even if there is an extended power failure, the UM system will automatically restart operation. A power failure will not cause any settings to be lost, thus eliminating the need for re-programming.

4. Selection Procedure

4.1 Selection Procedure MX3, ME3 Series Based on Cooling Load

4.1.1 Indoor Unit Selection

Enter indoor unit capacity tables at given indoor and outdoor temperature.
Select the unit that the capacity is the nearest to and higher than the given load.

Notes:

1. Individual indoor unit capacity is subject to change by the combination. Actual capacity has to be calculated according to the combination by using outdoor units capacity table.

4.1.2 Outdoor Unit Selection

Allowable combinations are indicated in indoor unit combination total capacity index table.
In general, outdoor units can be selected as follows though the location of the unit, zoning and usage of the rooms should be considered.
The indoor and outdoor unit combination is determined that the sum of indoor unit capacity index is nearest to and smaller than the capacity index at 100 % combination ratio of each outdoor unit. Up to 16 indoor units can be connected to one outdoor unit. It is recommended to choose a larger outdoor unit if the installation space is large enough.
If the combination ratio is higher than 100 %, the indoor unit selection will have to be reviewed by using actual capacity of each indoor unit.

Indoor Unit Combination Total Capacity Index Table

Outdoor Unit	Indoor Unit Combination Ratio								
	130 %	120 %	110 %	100 %	90 %	80 %	70%	60 %	50 %
U-5MX3	162.5	150	137.5	125	112.5	100	87.5	75	62.5
U-8MX3/U-8ME3	260	240	220	200	180	160	140	120	100
U-10MX3/U-10ME3	325	300	275	250	225	200	175	150	125
U-12MX3/U-12ME3	390	360	330	300	270	240	210	180	150
U-14MX3/U-14ME3	455	420	385	350	315	280	245	210	175
U-16MX3/U-16ME3	520	480	440	400	360	320	280	240	200
PA-18MX3/PA-18ME3	585	540	495	450	405	360	315	270	225
PA-20MX3/PA-20ME3	650	600	550	500	450	400	350	300	250
PA-22MX3/PA-22ME3	715	660	605	550	495	440	385	330	275
PA-24MX3/PA-24ME3	780	720	660	600	540	480	420	360	300
PA-26MX3/PA-26ME3	845	780	715	650	585	520	455	390	325
PA-28MX3/PA-28ME3	910	840	770	700	630	560	490	420	350
PA-30MX3/PA-30ME3	975	900	825	750	675	600	525	450	375
PA-32MX3/PA-32ME3	1,040	960	880	800	720	640	560	480	400
PA-34MX3/PA-34ME3	1,105	1,020	935	850	765	680	595	510	425
PA-36MX3/PA-36ME3	1,170	1,080	990	900	810	720	630	540	450
PA-38MX3/PA-38ME3	1,235	1,140	1,045	950	855	760	665	570	475
PA-40MX3/PA-40ME3	1,300	1,200	1,100	1,000	900	800	700	600	500
PA-42MX3/PA-42ME3	1,365	1,260	1,155	1,050	945	840	735	630	525
PA-44MX3/PA-44ME3	1,430	1,320	1,210	1,100	990	880	770	660	550
PA-46MX3/PA-46ME3	1,495	1,380	1,265	1,150	1,035	920	805	690	575
PA-48MX3/PA-48ME3	1,560	1,440	1,320	1,200	1,080	960	840	720	600

Indoor Unit Capacity Index

Model	20	25	32	40	50	63	80	100	125	200	250
Capacity Index	20	25	31.25	40	50	62.5	80	100	125	200	250

4.1.3 Actual Performance Data

Use outdoor unit capacity tables

Determine the correct table according to the outdoor unit model and combination ratio.

Enter the table at given indoor and outdoor temperature and find the outdoor capacity and power input. The individual indoor unit capacity (power input) can be calculated as follows:

$$ICA = \frac{OCA \times INX}{TNX}$$

ICA: Individual indoor unit capacity (power input)
OCA: Outdoor unit capacity (power input)
INX: Individual indoor unit capacity index
TNX: Total capacity index

Then, correct the indoor unit capacity according to the piping length.

If the corrected capacity is smaller than the load, the size of indoor unit has to be increased. Repeat the same selection procedure.

4.1.4 Selection Example Based on Cooling Load

1. Given

- Design condition
  Cooling: indoor 20°CWB, outdoor 33°CDB
- Cooling load

Room	A	B	C	D	E	F	G	H
Load (kW)	2.9	2.7	2.5	4.3	4.0	4.0	3.9	4.2

- Power supply: 3-phase 380V/50Hz

2. Indoor unit selection

Enter indoor unit capacity table at:
20°CWB indoor temperature
33°CDB outdoor air temperature.

Selection Results are as Follows:

Room	A	B	C	D	E	F	G	H
Load (kW)	2.9	2.7	2.5	4.3	4.0	4.0	3.9	4.2
Unit Size	25	25	25	40	40	40	40	40
Capacity	3.0	3.0	3.0	4.8	4.8	4.8	4.8	4.8

3. Outdoor unit selection

- Assume that the indoor and outdoor unit combination is as follows.
  Outdoor unit: U-10MX3
  Indoor unit: S-25LM3×3, S-40LM3×5
- Indoor unit combination total capacity index
  25×3 + 40×5 = 275 (110 %)

4. Actual performance data (50Hz)

- Outdoor unit cooling capacity: 30.5kW (U-10MX3, 110 %)
- Individual capacity

$$\text{Capacity of S-25LM3} = 30.5 \times \frac{25}{275} = 2.77\text{kW}$$

$$\text{Capacity of S-40LM3} = 30.5 \times \frac{40}{275} = 4.44\text{kW}$$

Actual Combination Capacity

Room	A	B	C	D	E	F	G	H
Load (kW)	2.9	2.7	2.5	4.3	4.0	4.0	3.9	4.2
Unit Size	25	25	25	40	40	40	40	40
Capacity	2.77	2.77	2.77	4.44	4.44	4.44	4.44	4.44

The unit size for room A has to be increased from 25 to 32 because the capacity is less than the load. For new combination, actual capacity is calculated as follows.

- Indoor unit combination total capacity index
  (25×2) +31.25 + (40×5) = 281.25 (112.5 %)
- Outdoor unit cooling capacity:
  27,610 kcal/h (direct interpolation between 110 % and 120 % in the table)
- Individual capacity

$$\text{Capacity of S-25LM3} = 30.0 \times \frac{25}{281.25} = 2.7\text{kW}$$

$$\text{Capacity of S-32LM3} = 30.0 \times \frac{32}{281.25} = 3.4\text{kW}$$

$$\text{Capacity of S-40LM3} = 30.0 \times \frac{40}{281.25} = 4.3\text{kW}$$

Actual Capacity of New Combination

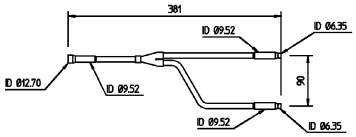
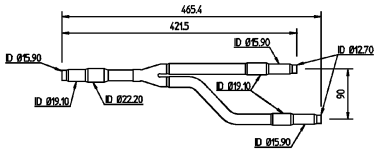
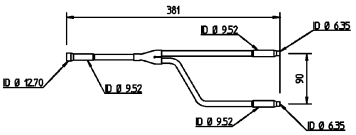
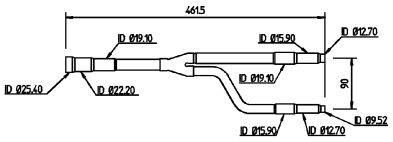
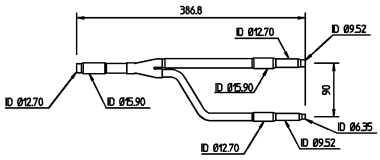
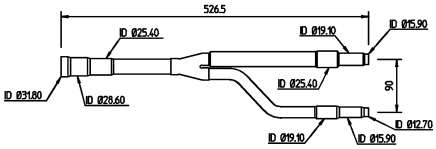
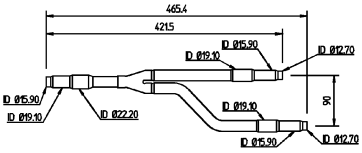
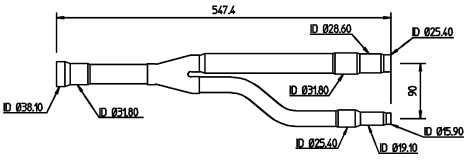
Room	A	B	C	D	E	F	G	H
Load (kW)	2.9	2.7	2.5	4.3	4.0	4.0	3.9	4.2
Unit Size	32	25	25	40	40	40	40	40
Capacity	3.4	2.7	2.7	4.3	4.3	4.3	4.3	4.3

Then, the capacities have to be corrected for actual piping length according to the location of indoor and outdoor units and the distance between them.

4.2 Branch Pipe System

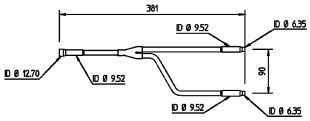
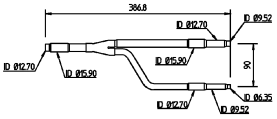
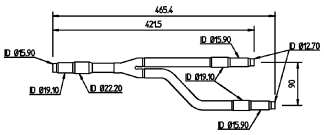
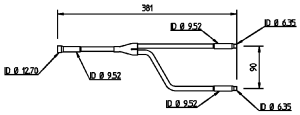
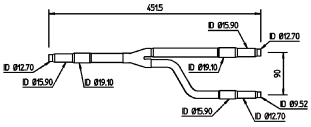
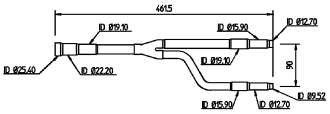
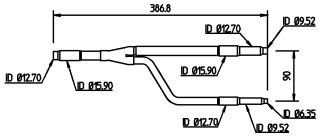
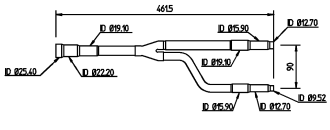
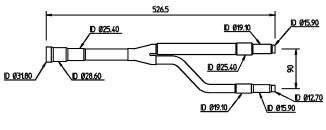
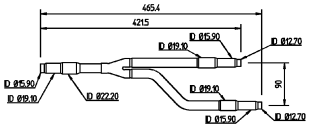
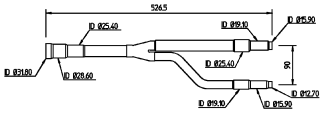
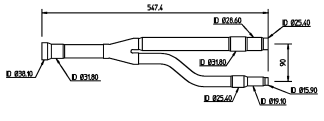
4.2.1 Line Branch Pipes

MX3 Series

	Liquid Side Junction	Suction Gas Side Junction
CZ-P20BK12Q		⑧ ⑩ 
CZ-P29BK12Q	⑯ 	③ 2×④ 
CZ-P64BK12Q	2×⑬ 	③ ④ ② ⑤ 
CZ-P75BK12Q	⑨ 	⑤ ② ⑥ ⑩ 2×⑭ 

1TW25799-1A

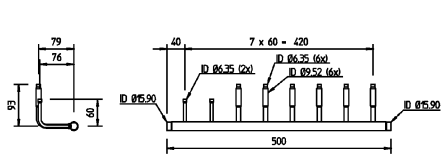
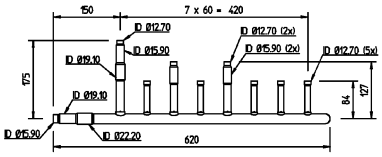
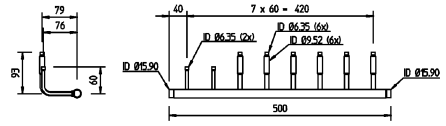
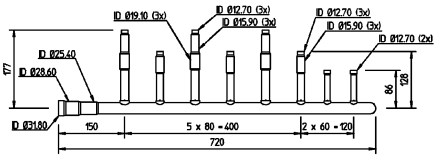
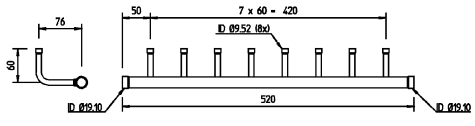
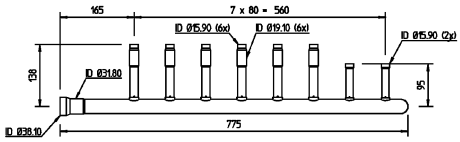
ME3 Series

	Liquid Side Junction	Discharge Gas Side Junction	Suction Gas Side Junction
CZ-P20BK32Q			⑩ ⑧ 
CZ-P29BK32Q	⑯ 		③ 2×④ 
CZ-P64BK32Q	2×⑬ 	③ 2×④ ⑬ 	⑤ ② 
CZ-P75BK32Q	⑨ 	⑧ ② ③ ④ ⑤ 	⑤ ② ⑥ ⑩ 2×⑭ 

1TW25799-1A

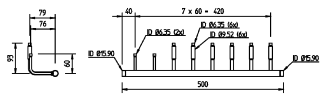
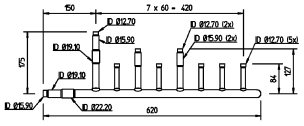
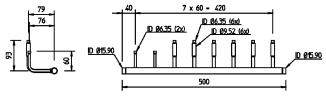
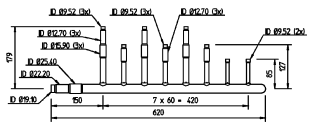
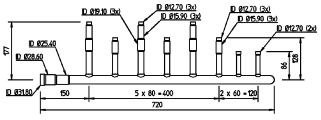
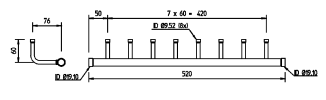
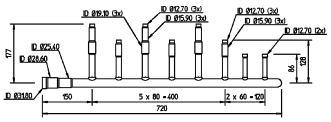
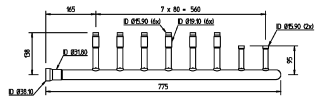
4.2.2 Header Branch Pipes

MX3 Series

	Liquid Side Header	Suction Gas Side Header
CZ-P29HK12Q	① 6×(A) (D) 	6×(C) 
CZ-P64HK12Q	① 6×(A) (D) 	6×(C) 
CZ-P75HK12Q	② ⑪ 6×(B) (E) 	⑭ 6×(D) 

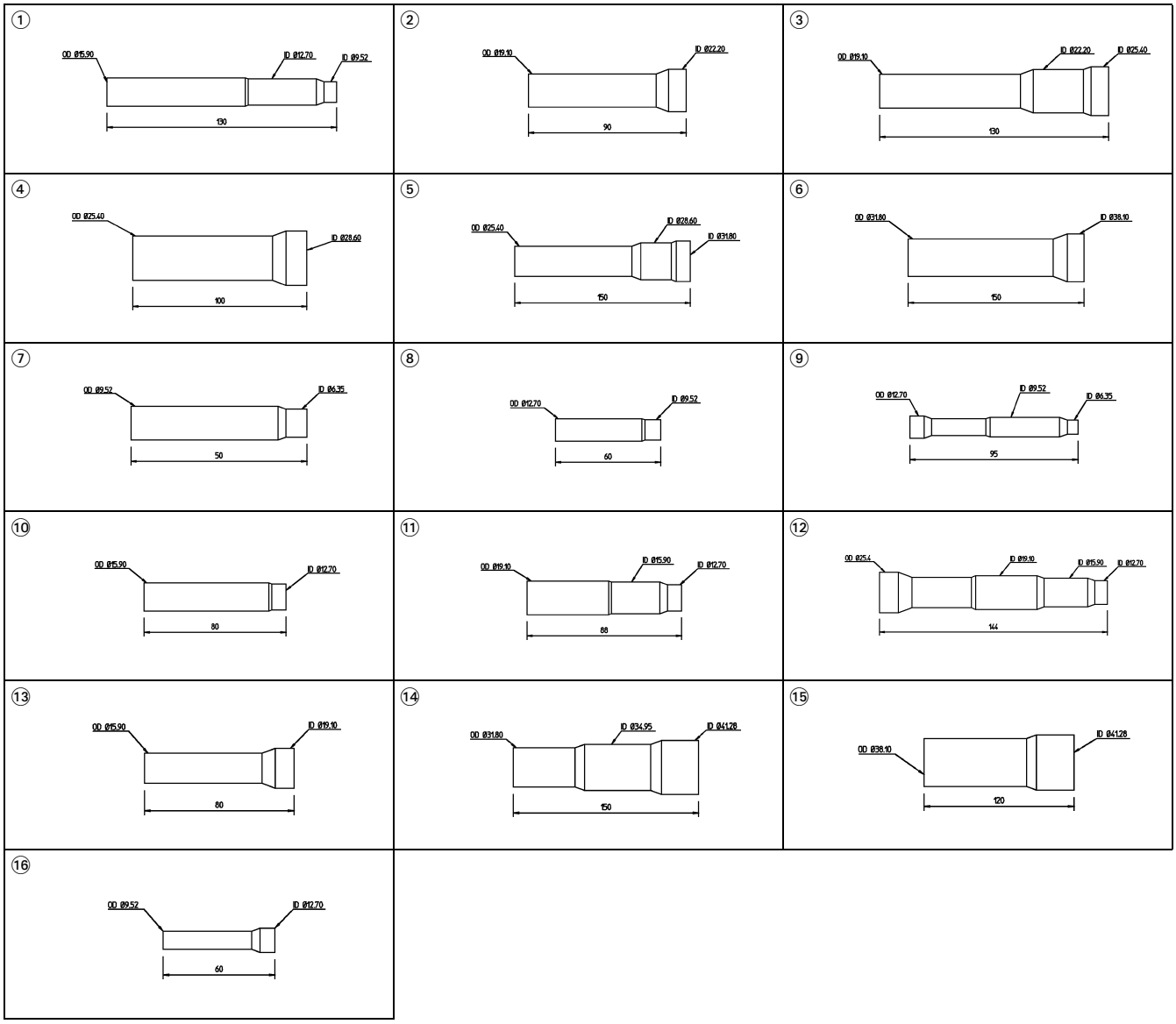
1TW25799-1A

ME3 Series

	Liquid Side Header	Discharge Gas Side Header	Suction Gas Side Header
CZ-P29HK32Q	① 6×(A) (D) 	⑪ 6×(B) 	6×(C) 
CZ-P64HK32Q	① 6×(A) (D) 	④ 6×(B) 	6×(C) 
CZ-P75HK32Q	② ⑨ ⑪ 6×(B) (E) 	⑧ 6×(C) 	⑩ ⑫ ⑭ 6×(D) 

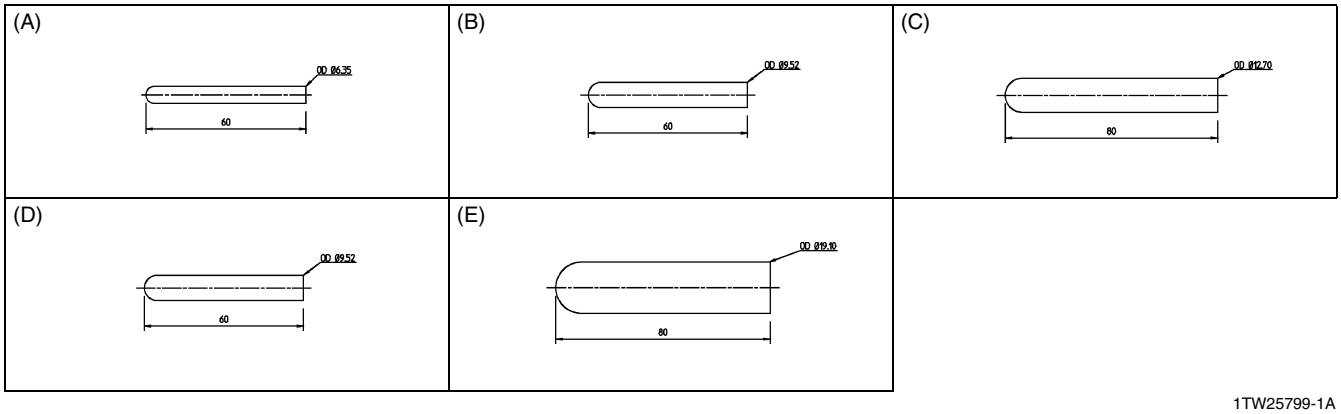
1TW25799-1A

4.2.3 Reducers, Expanders



1TW25799-1A

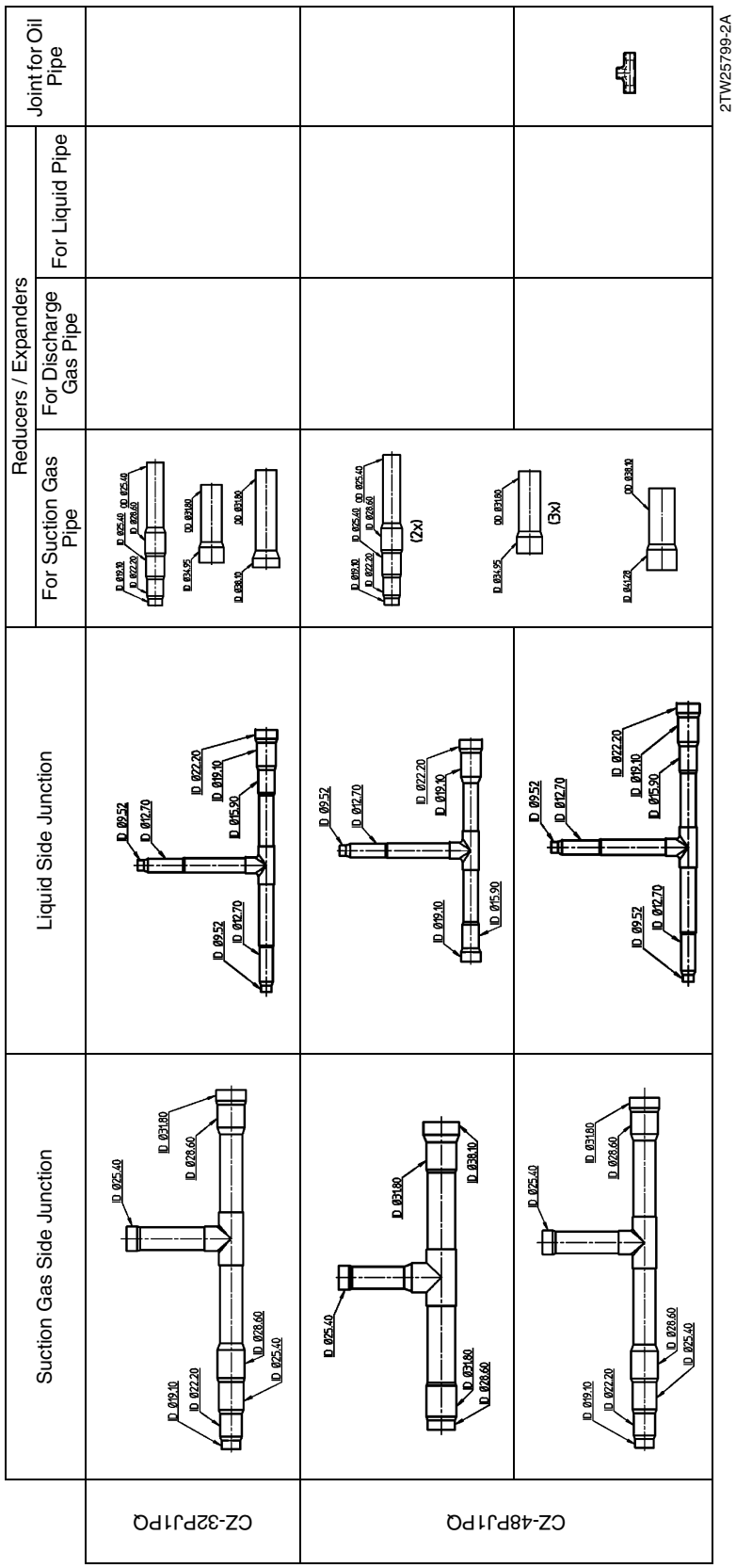
4.2.4 Closed pipes



1TW25799-1A

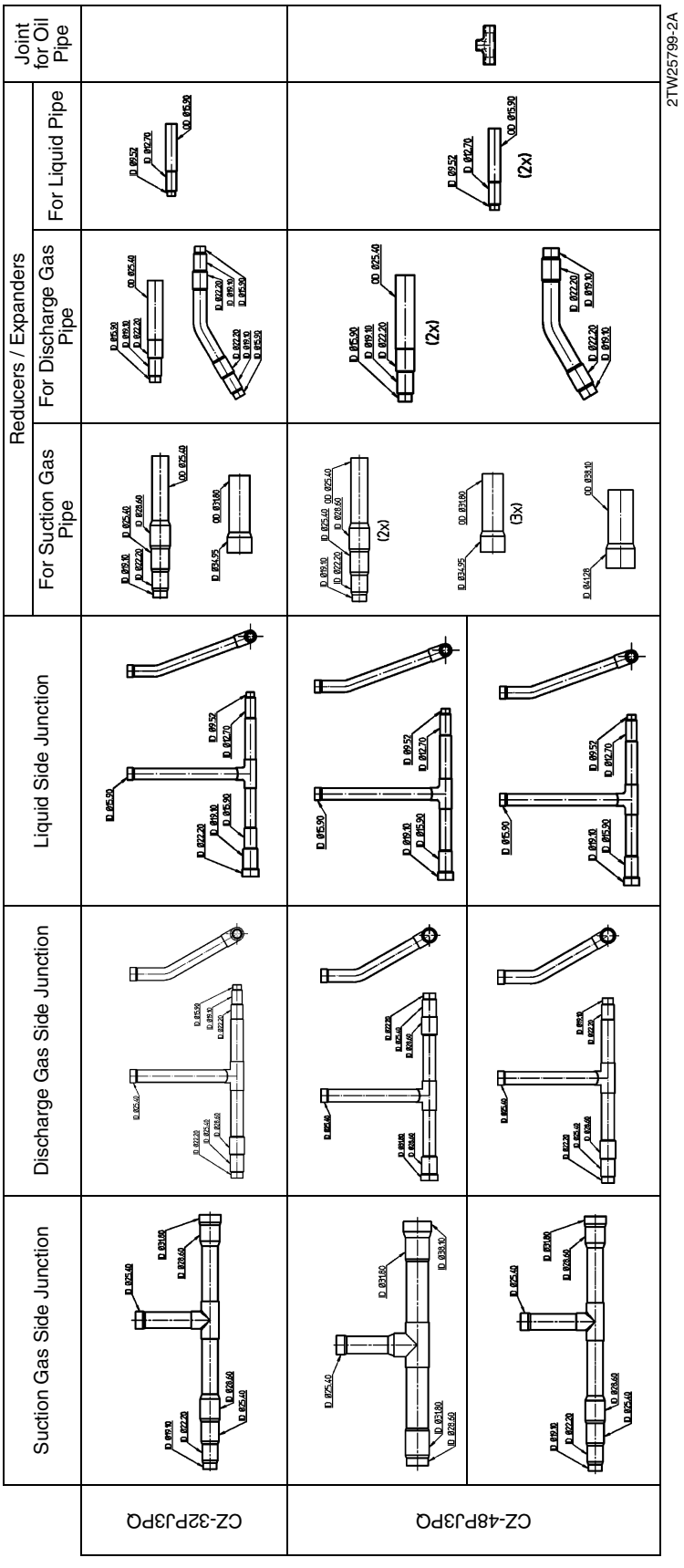
4.2.5 Outdoor Unit Multi Piping Connection Kit

MX3 Series

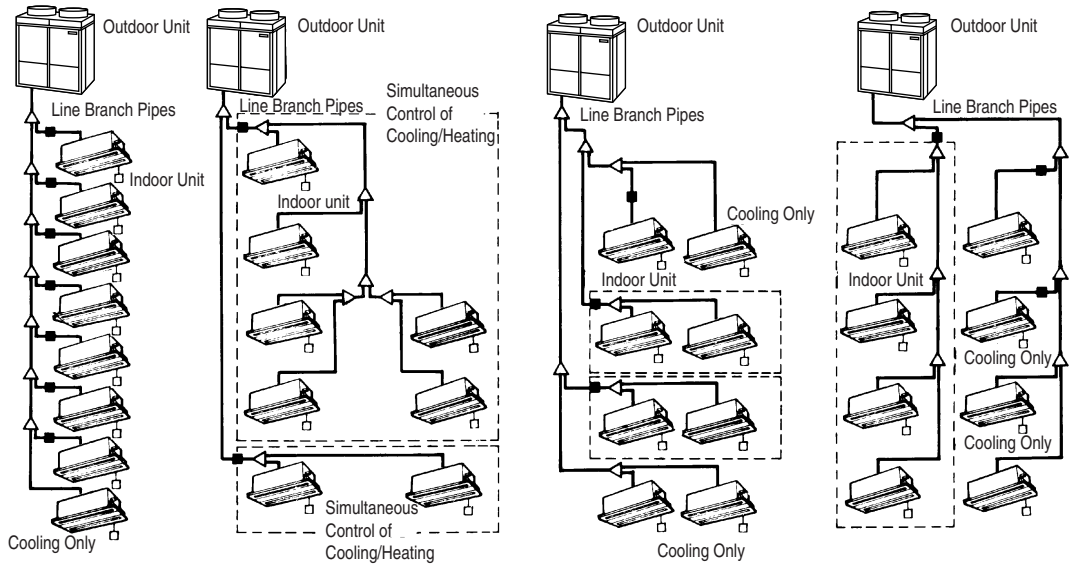
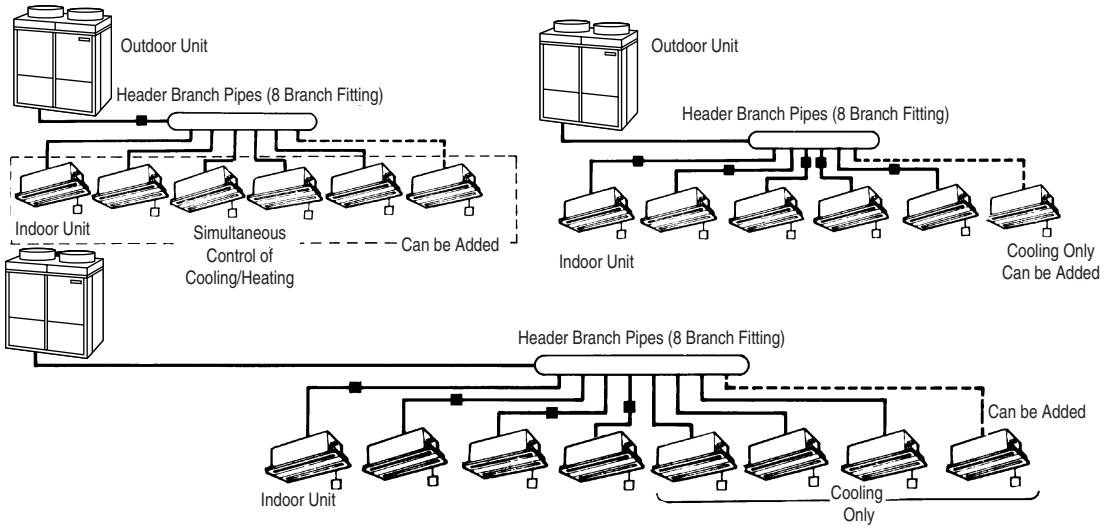
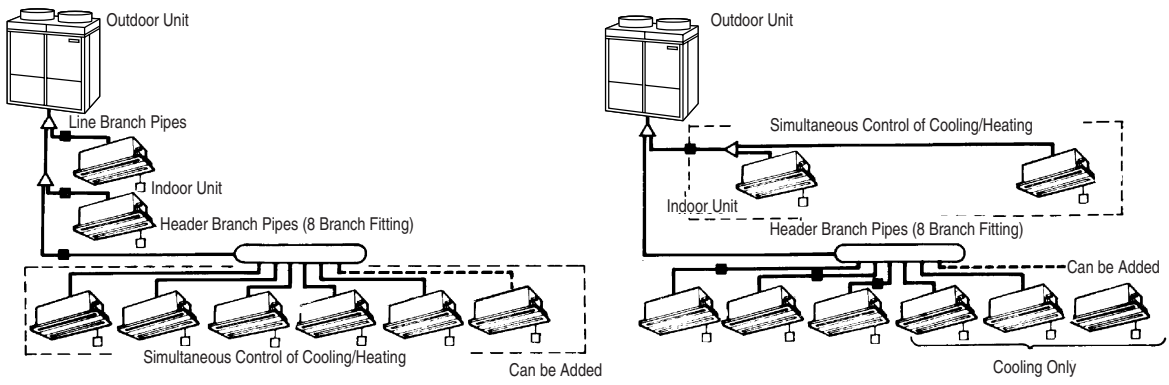


1

ME3 Series

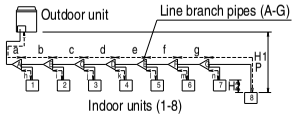
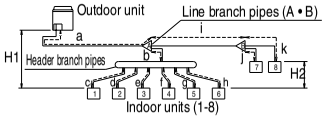
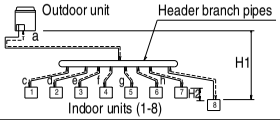
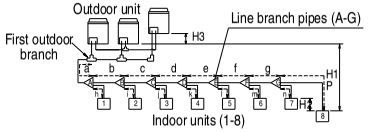
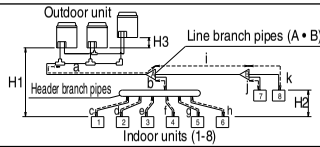
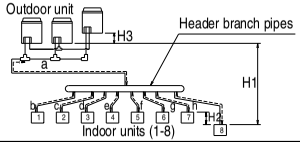

Reducers / Expanders
For Suction Gas Pipe
For Discharge Gas Pipe
For Liquid Pipe
Joint for Oil Pipe
Liquid Side Junction
Discharge Gas Side Junction
Suction Gas Side Junction
CZ-32P-J3P-Q
CZ-48P-J3P-Q
2TW25799-2A

4.2.6 Example of Branch Piping Layouts

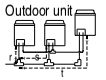
Type of Fitting	Sample Systems
Distribution by Line Branch Pipes	
Distribution by Header Branch Pipes	
Distribution by Line and Header Branch Pipes	

Example of connection
(Connection of 8 indoor units Heat pump system)

* If the system capacity is PA-18 or more, re-read to the first outdoor branch as seen from the indoor unit.

		Branch with Line branch pipes	Branch with Line branch pipes and Header branch pipes	Branch with Header branch pipes
One outdoor unit installed (U-5~16MX3)				
When multiple outdoor units are installed (PA-18MX3~)				

Maximum allowable length	Between outdoor and indoor units	Actual pipe length	Pipe length between outdoor and indoor units ≤ 150m Example unit 8: a + b + c + d + e + f + g + p ≤ 150m / Example unit 6: a + b + h ≤ 150m, unit 8: a + i + k ≤ 150m / Example unit 8: a + i ≤ 150m
		Equivalent length	Equivalent pipe length between outdoor and indoor units ≤ 175m (assume equivalent pipe length of Line branch pipes to be 0.5m, that of Header branch pipes to be 1m, calculation purposes)
		Total extension length	Total piping length from outdoor unit* to all indoor units ≤ 300m
	Between outdoor branch and indoor unit (Only for PA-18 or more)	Actual pipe length	Piping length from outdoor branch to outdoor unit ≤ 10m Approximately length: max 13m
Allowable height length	Between outdoor and indoor units	Difference in height	Difference in height between outdoor and indoor units (H1) ≤ 50m (Max 40m if the outdoor unit is below)
	Between indoor and indoor units	Difference in height	Difference in height between adjacent indoor units (H2) ≤ 15m
	Between outdoor and outdoor units	Difference in height	Difference in height between outdoor unit (main) and outdoor unit (sub) (H3) ≤ 5m
Allowable length after the branch		Actual pipe length	Pipe length from first refrigerant branch kit (either Line branch pipes or Header branch pipes) to indoor unit ≤ 40m Example unit 8: b + c + d + e + f + g + p ≤ 40m / Example unit 6: b + h ≤ 40m, unit 8: i + k ≤ 40m / Example unit 8: i ≤ 40m



r ≤ 10m (Approximate length: max 13m)
s ≤ 10m (Approximate length: max 13m)
t ≤ 10m (Approximate length: max 13m)

Refrigerant branch kit selection

When the connection ratio is higher than 100 %, it is possible that the second branch is bigger than the first branch

NOTE
Refrigerant branch kits can only be used with R-410A.

How to select the Line branch pipes
• When using Line branch pipes at the first branch counted from the outdoor unit side. Choose from the following table in accordance with the capacity of the outdoor unit.

⚠ **First branch after the outdoor unit has to be selected from "Outdoor unit capacity type" table. Even if it is contradictory to the "indoor capacity index" table.**

Outdoor unit capacity type	Line branch pipes
U-5MX3	CZ-P20BK12Q
U-8, 10MX3	CZ-P29BK12Q
U-12~16MX3, PA-18~22MX3	CZ-P64BK12Q
PA-24MX3~	CZ-P75BK12Q

• For refnet joints other than the first branch, select the proper branch kit model based on the total capacity index.

Indoor capacity index	Line branch pipes
< 200	CZ-P20BK12Q
200 x < 290	CZ-P29BK12Q
290 x < 640	CZ-P64BK12Q
640 <	CZ-P75BK12Q

How to select the Header branch pipes
• Choose from the following table in accordance with the total capacity of all the indoor units connected below the Header branch pipes.
• Note: 250 type cannot be connected below the Header branch pipes.

Indoor capacity index	Header branch pipes
< 200	CZ-P29HK12Q (Max 8 branches)
< 290	CZ-P29HK12Q (Max 8 branches)
290 ≤ x < 640	CZ-P64HK12Q (Max 8 branches)
640 <	CZ-P75HK12Q (Max 8 branches)

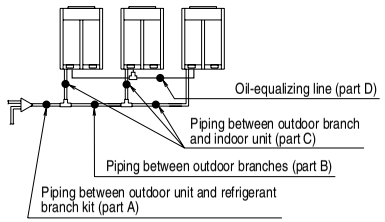
How to choose an outdoor branch kit (needed if the outdoor unit capacity type is PA-18 or more.)
• Choose from the following table in accordance with the number of outdoor units.

Number of outdoor units	Outdoor unit multi piping connection kit
2 units	CZ-32PJ1PQ
3 units	CZ-48PJ1PQ

Example of downstream indoor units	example in case of Line branch pipes C; indoor units 3 + 4 + 5 + 6 + 7 + 8	example in case of Line branch pipes B indoor units 7 + 8, example in case of Header branch pipes; indoor units 1 + 2 + 3 + 4 + 5 + 6	example in the case of Header branch pipes; indoor units 1 + 2 + 3 + 4 + 5 + 6 + 7 + 8

Pipe size selection

For an outdoor unit multi installation (PA-18~48MX3), make the settings in accordance with the following figure.



Piping between outdoor unit and refrigerant branch kit (part A)
• Match to the size of the connection piping on the outdoor unit. Outdoor unit connection piping size (Unit: mm)

Outdoor unit capacity	Piping size (outer diameter x minimum thickness)	
	Gas pipe	Liquid pipe
U-5MX3	ϕ 15.9	ϕ 9.5
U-8MX3	ϕ 19.1	
U-10MX3	ϕ 22.2	
U-12, 14, 16MX3	ϕ 28.6	ϕ 12.7
PA-18~22MX3		ϕ 15.9
PA-24MX3	ϕ 34.9	
PA-26~34MX3		ϕ 19.1
PA-36~48MX3	ϕ 41.3	

Pipe size, when overall equivalent pipe length is 90m or more.
• When overall equivalent pipe length is 90m or more, the size of the main liquid pipe (outdoor unit-branch section) must be increased. (Only main liquid pipe!)
Main liquid pipe size (Unit:mm)

Outdoor unit capacity type	Piping size (outer diameter x minimum thickness)	
	Nomal size	Size up
U-8, 10MX3	ϕ 9.5 x 0.80	ϕ 12.7 x 0.80
U-12, 14, 16MX3	ϕ 12.7 x 0.80	ϕ 15.9 x 0.99
PA-18~24MX3	ϕ 15.9 x 0.99	ϕ 19.1 x 0.80
PA-26~48MX3	ϕ 19.1 x 0.80	ϕ 22.2 x 0.80

Piping between refrigerant branch kits
• Choose from the following table in accordance with the total capacity of all the indoor units connected below this.
⚠ **Do not let the connection piping exceed the refrigerant piping size chosen by general system model name.** (Unit: mm)

indoor capacity index	Piping size (outer diameter x minimum thickness)	
	Gas pipe	Liquid pipe
< 200	ϕ 15.9	ϕ 9.5
200 x < 290	ϕ 22.2	
290 x < 420	ϕ 28.6	ϕ 12.7
420 x < 640		ϕ 15.9
640 x < 920	ϕ 34.9	ϕ 19.1
920 <	ϕ 41.3	

Piping between outdoor branches (part B)
• Choose from the following table in accordance with the total capacity of all the outdoor units connected above this. (Unit: mm)

outdoor capacity index	Piping size (outer diameter x minimum thickness)	
	Gas pipe	Liquid pipe
< 22HP	ϕ 28.6 x 0.99	ϕ 15.9 x 0.99
24HP	ϕ 34.9 x 1.21	
26HP <		ϕ 19.1 x 0.80

Between refrigerant branch kit and indoor unit
• Pipe size for direct connection to indoor unit must be the same as the connection size of indoor unit. (Unit: mm)

indoor capacity index	Piping size (outer diameter x minimum thickness)	
	Gas pipe	Liquid pipe
20, 25, 32, 40, 50	ϕ 12.7	ϕ 6.4
63, 80, 100, 125	ϕ 15.9	ϕ 9.5
200	ϕ 19.1	
250	ϕ 22.2	

Piping between outdoor branch and outdoor unit (part C) (Unit:mm)

outdoor capacity index	Piping size (outer diameter x minimum thickness)	
	Gas pipe	Liquid pipe
U-8MX3	ϕ 19.1	ϕ 9.5
U-10MX3	ϕ 22.2	
U-12, 14, 16MX3	ϕ 28.6	ϕ 12.7

Oil-equalizing line (Only for PA-18 or more) (part D)

Piping size (outer diameter x minimum thickness)	ϕ 6.4

(Unit:mm)

How to calculate the additional refrigerant to be charged

Additional refrigerant to be charged R (Kg)
R should be rounded off in units of 0.1Kg.

NOTE
If a negative result is gotten for R from the formula at right, no refrigerant needs to be added.

R = (Total length (m) of liquid piping size at ϕ 22.2) x 0.35 + (Total length (m) of liquid piping size at ϕ 19.1) x 0.25 + (Total length (m) of liquid piping size at ϕ 15.9) x 0.17 + (Total length (m) of liquid piping size at ϕ 12.7) x 0.11 + (Total length (m) of liquid piping size at ϕ 9.5) x 0.054 + (Total length (m) of liquid piping size at ϕ 6.4) x 0.022 – α

Model name	Amount of refrigerant
U-5~16MX3	0 kg
PA-18~32MX3	3 kg
PA-34~48MX3	6 kg

Example for refrigerant branch using Line branch pipes and Header branch pipes for PA-34MX3

If the outdoor unit is PA-34MX3 and the piping lengths are as at right

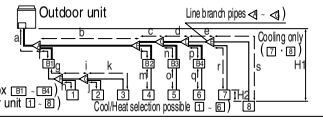
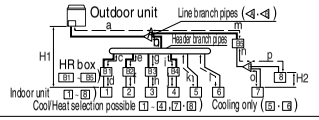
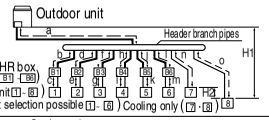
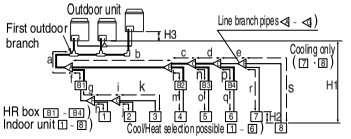
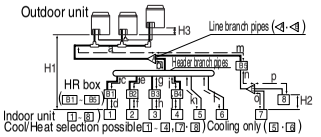
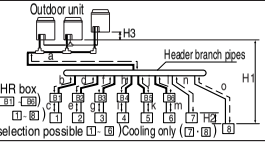
a: ϕ 19.1 x 30m	d: ϕ 9.5 x 10m	g: ϕ 6.4 x 10m	j : ϕ 6.4 x 10m
b: ϕ 15.9 x 10m	e: ϕ 9.5 x 10m	h: ϕ 6.4 x 20m	k: ϕ 6.4 x 9m
c: ϕ 9.5 x 10m	f : ϕ 9.5 x 10m	i : ϕ 12.7 x 10m	

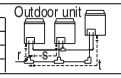
R = [30 x 0.25] + [10 x 0.17] + [10 x 0.11] + [40 x 0.054] + [49 x 0.022] - 6 = 7.538 ⇩ 75
(a; b; i; c+d+e+f; g+h+j+k)

⚠ **Please pay close attention to all remarks with "⚠". These are changes in the R-410A piping selection procedure.**

1 indoor unit
Line branch pipes
Header branch pipes

Outdoor unit — (3 pipes) Discharge gas pipe, Suction gas pipe, Liquid pipe — HR box — (2 pipes) Gas pipe, Liquid pipe — Indoor unit

			Branch with Line branch pipes	Branch with Line branch pipes and Header branch pipes	Branch with Header branch pipes
		One outdoor unit installed (U-8~16ME3)			
		When multiple outdoor units are installed (PA-18ME3~)			
Maximum allowable length	Between outdoor and indoor units	Actual pipe length	Pipe length between outdoor and indoor units ≤ 150m		
			Example unit 8: a + b + c + d + e + f + g + p ≤ 150m	Example unit 6: a + b + h ≤ 150m, unit 8: a + i + k ≤ 150m	Example unit 8: a + i ≤ 150m
		Equivalent length	Equivalent pipe length between outdoor and indoor units ≤ 175m (assume equivalent pipe length of Line branch pipes to be 0.5m, that of Header branch pipes to be 1m, calculation purposes)		
		Total extension length	Total piping length from outdoor unit* to all indoor units ≤ 300m		
	Between outdoor branch and indoor unit (Only for PA-18 or more)	Actual pipe length	Piping length from outdoor branch to outdoor unit ≤ 10m (Approximate length: max 13m)		
Allowable height length	Between outdoor and indoor units	Difference in height	Difference in height between outdoor and indoor units (H1) ≤ 50m (Max 40m if the outdoor unit is below)		
	Between indoor and indoor units	Difference in height	Difference in height between adjacent indoor units (H2) ≤ 15m		
	Between outdoor and outdoor units	Difference in height	Difference in height between outdoor unit (main) and outdoor unit (sub) (H3) ≤ 5m		
Allowable length after the branch		Actual pipe length	Pipe length from first refrigerant branch kit (either Line branch pipes or Header branch pipes) to indoor unit ≤ 40m		
			Example unit 8: b + c + d + e + f + g + p ≤ 40m	Example unit 6: b + h 40m, unit 8:i + k 40m	Example unit 8: i ≤ 40m



r ≤ 10m (Approximate length: max 13m)
s ≤ 10m (Approximate length: max 13m)
t ≤ 10m (Approximate length: max 13m)

Refrigerant branch kit selection

When the connection ratio is higher than 100 %, it is possible that the second branch is bigger than the first branch

NOTE
Refrigerant branch kits can only be used with R-410A.

How to select the Line branch pipes
• When using Line branch pipes at the first branch counted from the outdoor unit side. Choose from the following table in accordance with the capacity of the outdoor unit.

⚠ **First branch after the outdoor unit has to be selected from "Outdoor unit capacity type" table. Even if it is contradictory to the "indoor capacity index" table.**

Outdoor unit capacity type	Line branch pipes
U-8, 10 type	CZ-P29BK32Q
U-12~16, PA-18~22 type	CZ-P64BK32Q
PA-24 type ~	CZ-P75BK32Q

• For Line branch pipes other than the first branch, select the proper branch kit model based on the total capacity index.

indoor capacity index	Line branch pipes	
	In case of 3 pipes	In case of 2 pipes
< 200	CZ-P20BK32Q	CZ-P20BK12Q
200 x < 290	CZ-P29BK32Q	CZ-P29BK12Q
290 x < 640	CZ-P64BK32Q	CZ-P64BK12Q
640 <	CZ-P75BK32Q	-

How to select the Header branch pipes
• Choose from the following table in accordance with the total capacity of all the indoor units connected below the Header branch pipes.
• Note: 250 type cannot be connected below the Header branch pipes.

indoor capacity index	Header branch pipes	
	In case of 3 pipes	In case of 2 pipes
< 200	CZ-P29HK32Q	CZ-P29HK12Q
200 ≤ x < 290		
290 ≤ x < 640	CZ-P64HK32Q	CZ-P64HK12Q
640 <	CZ-P75HK32Q	-

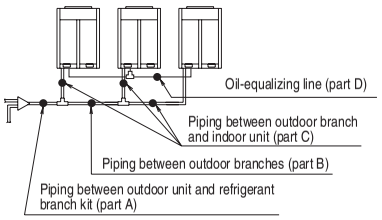
How to choose an outdoor branch kit (needed if the outdoor unit capacity type is PA-18 or more.)
• Choose from the following table in accordance with the number of outdoor units.

Number of outdoor units	
2 units	CZ-32PJ3PQ
3 units	CZ-48PJ3PQ

Example of downstream indoor units	example in case of Line branch pipes C; indoor units 3 + 4 + 5 + 6 + 7 + 8	example in case of Line branch pipes B indoor units 7 + 8, example in case of Header branch pipes; indoor units 1 + 2 + 3 + 4 + 5 + 6	example in case of Header branch pipes; indoor units 1 + 2 + 3 + 4 + 5 + 6 + 7 + 8

Pipe size selection

For an outdoor unit multi installation (PA-18~48ME3), make the settings in accordance with the following figure.



Piping between outdoor unit and refrigerant branch kit (part A)
• Match to the size of the connection piping on the outdoor unit. (Unit:mm)

Outdoor unit capacity type	Piping size (outer diameter x minimum thickness)		
	Liquid pipe	Gas pipe	
		Suction	Discharge
U-8ME3	ϕ 9.5	ϕ 19.1	ϕ 15.9
U-10ME3		ϕ 22.2	ϕ 19.1
U-12ME3	ϕ 12.7	ϕ 28.6	
U-14, 16ME3			ϕ 22.2
PA-18, 20ME3	ϕ 15.9		
PA-22ME3			ϕ 28.6
PA-24ME3		ϕ 34.9	
PA-26~34ME3	ϕ 19.1		
PA-36ME3		ϕ 41.3	
PA-38~48ME3			ϕ 34.9

Pipe size, when overall equivalent pipe length is 90m or more.
• When overall equivalent pipe length is 90m or more, the size of the main liquid pipe (outdoor unit-branch sections) must be increased. (Only main liquid pipe!)

Main liquid pipe size (Unit:mm)

Outdoor unit capacity type	Piping size (outer diameter x minimum thickness)	
	Nomal size	Size up
U-8, 10ME3	ϕ 9.5	ϕ 12.7
U-12, 14, 16ME3	ϕ 12.7	ϕ 15.9
PA-18~24ME3	ϕ 15.9	ϕ 19.1
PA-26~48ME3	ϕ 19.1	ϕ 22.2

Piping between outdoor branches (part B)
• Choose from the following table in accordance with the total capacity of all the outdoor units connected above this. (Unit:mm)

outdoor capacity index	Piping size (outer diameter x minimum thickness)		
	Liquid pipe	Gas pipe	
		Suction	Discharge
PA-18ME3	ϕ 15.9	ϕ 28.6	ϕ 22.2
PA-20, 22ME3			ϕ 28.6
PA-24ME3		ϕ 34.9	
PA-26ME3 <	ϕ 19.1		

Between two immediately adjacent refrigerant branch kits and HR box
• Choose from the following table in accordance with the total capacity of all the indoor units connected below this.
⚠ • **Do not let the connection piping exceed the refrigerant piping size chosen by general system model name.** (Unit:mm)

indoor capacity index	Piping size (outer diameter x minimum thickness)		
	Liquid pipe	Gas pipe	
		Suction	Discharge
※1 < 63	ϕ 6.4	ϕ 12.7	ϕ 9.5
※2 63 ≤ x < 200	ϕ 9.5	ϕ 15.9	ϕ 12.7
200 ≤ x < 290		ϕ 22.2	ϕ 19.1
290 ≤ x < 420	ϕ 12.7	ϕ 28.6	
420 ≤ x < 640	ϕ 15.9		ϕ 28.6
640 ≤ x < 920	ϕ 19.1	ϕ 34.9	
920		ϕ 41.3	

Piping between outdoor branch and outdoor unit (part C) (Unit:mm)

outdoor capacity type	Piping size (outer diameter x minimum thickness)		
	Liquid pipe	Gas pipe	
		Suction	Discharge
U-8ME3	ϕ 9.5	ϕ 19.1	ϕ 15.9
U-10ME3		ϕ 22.2	ϕ 19.1
U-12ME3	ϕ 12.7	ϕ 28.6	
U-14, 16ME3			ϕ 22.2

Oil-equalizing line (Only for PA-18 or more) (part D) (Unit:mm)

Piping size (outer diameter minimum thickness)	ϕ 6.4

Between HR box (refrigerant branch kit) and indoor unit
• Pipe size for direct connection to indoor unit must be the same as the connection size of indoor unit. (Unit:mm)

indoor capacity index	Piping size (outer diameter x minimum thickness)	
	Gas pipe	Liquid pipe
※1 20, 25, 32, 40, 50	ϕ 12.7	ϕ 6.4
63, 80, 100, 125	ϕ 15.9	ϕ 9.5
200	ϕ 19.1	
250	ϕ 22.2	

※1 The HR box (CZ-100HR1HS) port and connection pipe are different sizes. Use the reducing joints included with the HR box.
※2 When the indoor capacity is 160 x < 200. Use the reducing joints included with the HR box.

How to calculate the additional refrigerant to be charged

Additional refrigerant to be charged R (Kg)
R should be rounded off in units of 0.1Kg.

NOTE
If a negative result is gotten for R from the formula at right, no refrigerant needs to be added.

$$R=\left\{\left(\begin{array}{c}\text{Total length (m)}\\ \text{of liquid piping}\\ \text{size at } \phi 22.2\end{array}\right)\times 0.35+\left(\begin{array}{c}\text{Total length (m)}\\ \text{of liquid piping}\\ \text{size at } \phi 19.1\end{array}\right)\times 0.25+\left(\begin{array}{c}\text{Total length (m)}\\ \text{of liquid piping}\\ \text{size at } \phi 15.9\end{array}\right)\times 0.17+\left(\begin{array}{c}\text{Total length (m)}\\ \text{of liquid piping}\\ \text{size at } \phi 12.7\end{array}\right)\times 0.11+\left(\begin{array}{c}\text{Total length (m)}\\ \text{of liquid piping}\\ \text{size at } \phi 9.5\end{array}\right)\times 0.054+\left(\begin{array}{c}\text{Total length (m)}\\ \text{of liquid piping}\\ \text{size at } \phi 6.4\end{array}\right)\times 0.022\right\}\times 1.15-$$

Model name	Amount of refrigerant
U-8~16ME3	0 kg
PA-18~32ME3	3 kg
PA-34~48ME3	6 kg

Example for refrigerant branch using Line branch pipes and Header branch pipes for PA-34ME3

If the outdoor unit is PA-34ME3 and the piping lengths are as at right

a: ϕ 19.1 x 30m	d: ϕ 9.5 x 10m	g: ϕ 6.4 x 10m	j: ϕ 6.4 x 10m
b: ϕ 15.9 x 10m	e: ϕ 9.5 x 10m	h: ϕ 6.4 x 20m	k: ϕ 6.4 x 9m
c: ϕ 9.5 x 10m	f: ϕ 9.5 x 10m	i: ϕ 12.7 x 10m	

R={30 x 0.25}+{10 x 0.17}+{10 x 0.11}+{40 x 0.054}+{49 x 0.022}} x 1.15 - 6 = 9.569 → 9.6
a b i c+d+e+f g+h+j+k

⚠ **Please pay close attention to all remarks with "⚠". These are changes in the R-410A pipng selection procedure.**

4.3.3 Piping Thickness

Piping Diameter	Material	Minimum Thickness [mm]
ϕ 6.4	O	0.8
ϕ 9.5	O	0.8
ϕ 12.7	O	0.8
ϕ 15.9	O	0.99
ϕ 19.1	1/2H	0.8
ϕ 22.2	1/2H	0.8
ϕ 28.6	1/2H	0.99
ϕ 34.9	1/2H	1.21
ϕ 41.3	1/2H	1.43

:O : annealed
1/2H : half-hard
For half hard pipes the maximum allowed tensile stress is 61 N/mm^2. For this reason the 0.2% proof strength of the half hard pipe shall be minimum 61 N/mm^2.
The bending radius is more than or equal to 3 times the diameter of the pipe.

Part 2
Outdoor Units

MX3 Series
Inverter Heat Pump 29

ME3 Series
Heat Recovery 205

MX3 Series Inverter Heat Pump

2

1. Specifications 30
   - 1.1 Survey U-5~16MX3, PA-18~48MX3 30
   - 1.2 Technical Specifications 31
   - 1.3 Electrical Specification 41
2. Accessories 44
3. Capacity Tables 45
   - 3.1 Cooling Capacity 45
   - 3.2 Heating Capacity 111
4. Capacity Correction Ratio 177
   - 4.1 U-5MX3 177
   - 4.2 U-8MX3, PA-22MX3 178
   - 4.3 U-10MX3 179
   - 4.4 U-12·14MX3, PA-24·36MX3 180
   - 4.5 U-16MX3 181
   - 4.6 PA-18·26·28·30·38·40·42·44MX3 182
   - 4.7 PA-20·32·34·46MX3 183
   - 4.8 PA-48MX3 184
5. Integrated Heating Capacity Coefficient 185
6. Dimensions 186
   - 6.1 Dimensional Drawings 186
   - 6.2 Dimensional Drawings with Central Drain Pan Kit 188
   - 6.3 Installation Service Space 190
   - 6.4 Centre of Gravity 191
   - 6.5 Foundation Drawing 193
   - 6.6 Piping Diagrams 194
   - 6.7 Wiring Diagrams 197
7. External Connection Diagram 200
8. Sound Level 202
   - 8.1 Sound Level Data 202
   - 8.2 Sound Pressure Spectrum 202
   - 8.3 Sound Power Spectrum 203
9. Operation Range 204

1. Specifications

1.1 Survey U-5~16MX3, PA-18~48MX3

U-MX3			5	8	10	12	14	16
Modules	U-5MX3		1					
	U-8MX3			1				
	U-10MX3				1			
	U-12MX3					1		
	U-14MX3						1	
	U-16MX3							1
Equivalent Horsepower		HP	5	8	10	12	14	16
Number of Outdoor Units			1	1	1	1	1	1
Number of Compressors			1	2	2	2	3	3
Number of Connectable Indoor Units			8	13	16	19	20	20
Minimum Capacity Index			62.5	100	125	150	175	200
Maximum Capacity Index			162.5	260	325	390	455	520
Cooling Capacity		kW	14.0	22.4	28.0	33.5	40.0	44.5
Heating Capacity		kW	16.0	25.0	31.5	37.5	45.0	50.0
Power Input	Cooling	kW	3.79	6.97	9.00	10.60	14.30	15.60
	Heating	kW	4.34	6.89	9.31	10.80	12.90	14.00
COP	Cooling		3.69	3.21	3.11	3.16	2.80	2.85
	Heating		3.69	3.63	3.38	3.47	3.49	3.57
Capacity Steps			20	29	29	29	35	35
Dimensions	Height	mm	1,600	1,600	1,600	1,600	1,600	1,600
	Width	mm	635	930	930	1,240	1,240	1,240
	Depth	mm	765	765	765	765	765	765
Weight		kg	160	230	230	260	300	300

PA-MX3			18	20	22	24	26	28	30	32
Modules	U-5MX3									
	U-8MX3		1							
	U-10MX3		1	2	1	1	1			
	U-12MX3				1			1		
	U-14MX3					1			1	
	U-16MX3						1	1	1	2
Equivalent Horsepower		HP	18	20	22	24	26	28	30	32
Number of Outdoor Units			2	2	2	2	2	2	2	2
Number of Compressors			4	4	4	5	5	5	6	6
Number of Connectable Indoor Units			20	20	22	32	32	32	32	32
Minimum Capacity Index			225	250	275	300	325	350	375	400
Maximum Capacity Index			585	650	715	780	845	910	975	1.040
Cooling Capacity		kW	50.4	56.0	61.5	68.0	72.5	78.0	84.5	89.0
Heating Capacity		kW	56.5	63.0	69.0	76.5	81.5	87.5	95.0	100.0
Power Input	Cooling	kW	16.00	18.00	19.60	23.30	24.60	26.20	29.90	31.20
	Heating	kW	16.20	18.60	20.10	22.20	23.30	24.80	26.90	28.10
COP	Cooling		3.15	3.11	3.14	2.92	2.95	2.98	2.83	2.85
	Heating		3.49	3.39	3.43	3.45	3.50	3.53	3.53	3.56
Capacity Steps			41	41	41	46	46	46	51	51
Dimensions	Height	mm	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
	Width	mm	1,860	1,860	2,170	2,170	2,170	2,480	2,480	2,480
	Depth	mm	765	765	765	765	765	765	765	765
Weight		kg	460	460	490	530	530	560	600	600

PA-MX3			34	36	38	40	42	44	46	48
Modules	U-5MX3									
	U-8MX3									
	U-10MX3		2	2	1	1	1			
	U-12MX3				1			1		
	U-14MX3		1			1			1	
	U-16MX3			1	1	1	2	2	2	3
Equivalent Horsepower		HP	34	36	38	40	42	44	46	48
Number of Outdoor Units			3	3	3	3	3	3	3	3
Number of Compressors			7	7	7	8	8	8	9	9
Number of Connectable Indoor Units			34	36	38	40	40	40	40	40
Minimum Capacity Index			425	450	475	500	525	550	575	600
Maximum Capacity Index			1,105	1,170	1,235	1,300	1,365	1,430	1,495	1,560
Cooling Capacity		kW	96.0	101.0	106.0	113	117.0	123	129.0	134
Heating Capacity		kW	108.0	113.0	119.0	127	132	138	145.0	150.0
Power Input	Cooling	kW	32.30	33.60	35.20	38.90	40.20	41.80	45.50	46.90
	Heating	kW	31.50	32.60	34.10	36.20	37.40	38.80	40.90	42.10
COP	Cooling		2.97	3.01	3.01	2.90	2.91	2.94	2.84	2.86
	Heating		3.43	3.47	3.49	3.51	3.53	3.56	3.55	3.56
Capacity Steps			56	56	56	61	61	61	68	68
Dimensions	Height	mm	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
	Width	mm	3,100	3,100	3,410	3,410	3,410	3,720	3,720	3,720
	Depth	mm	765	765	765	765	765	765	765	765
Weight		kg	760	760	790	830	830	860	900	900

1.2 Technical Specifications

U-5MX3XPS

U-MX3				5
Nominal Capacity	Cooling		kW	14.00
	Heating		kW	16.00
Capacity Range			HP	5
Power Input (Nominal)	Cooling		kW	3.79
	Heating		kW	4.34
Max N° of Indoor Units to be Connected				8
Total Capacity Index of Indoor units to be Connected	Min ~ max			62.5 ~ 162.5
Casing	Colour			Ivory White
	Material			Painted Galvanized Steel
Dimensions	Packing	Height	mm	1,829
		Width	mm	695
		Depth	mm	855
	Unit	Height	mm	1,600
		Width	mm	635
		Depth	mm	765
Weight	Machine Weight		kg	160
	Gross Weight		kg	165
Heat Exchanger	Specifications	Length	mm	1,345
		N° of Rows		54
		Fin Pitch	mm	2.00
		N° of Passes		13
		Face Area	m^2	1,598
		N° of Stages		2
		Empty Tubeplate Hole		0
	Tube Type			Hi-XSS (8)
	Fin	Type		Non-symmetric Waffle Louvre
		Treatment		Corrosion Resistant
Fan	Type			Propeller
	Quantity			1
	Air Flow Rate (230V)	Cooling	m^3/min	75.00
		Heating	m^3/min	75.00
	External Static Pressure (MAX)		Pa	50 Pa in High Static Pressure
	Discharge Direction			Vertical
	Motor	Quantity		1
		Model		Brushless DC
		Output	W	350
		Speed	rpm	800
		Drive		Direct Drive
Compressor	Quantity			1
	Motor	Quantity		1
		Model		Inverter
		Type		Hermetically Sealed Scroll Compressor
		Speed	rpm	1,900-6,480
		Motor Output	kW	2.2
		Starting method		Direct on Line
		Crankcase Heater	W	33
Operation Range	Cooling	Minimum	°CDB	-5.0
		Maximum	°CDB	43.0
	Heating	Minimum	°CWB	-20.0
		Maximum	°CWB	15.5
Sound Level (Nominal)	Cooling	Sound Power	dBA	72.0
		Sound Pressure	dBA	54.0
	Heating	Sound Pressure	dBA	54.0

U-MX3				5
Refrigerant	Type			R-410A
	Charge		kg	5.6
	Control			Expansion Valve (Electronic Type)
	N° of Circuits			1
Refrigerant Oil	Type			Synthetic (Ether) Oil
	Charged Volume		l	1.2
Piping Connections	Liquid	Type		Flare Connection
		Diameter (OD)	mm	9.52
	Gas	Type		Flare Connection
		Diameter (OD)	mm	15.9
	Heat Insulation			Both Liquid and Gas Pipes
	Max. Total Length		m	300
Defrost Method				Reversed Cycle
Defrost Control				Sensor for Outdoor Heat Exchanger Temperature
Capacity Control Method				Inverter Controlled
Capacity Control [%]				24 to 100
Safety Devices				HPS
				Fan Motor Overcurrent Protector
				Inverter Overload Protector
				PC Board Fuse
Standard Accessories	Item			Installation and Operation Manual
	Quantity			1
	Item			Clamps
	Quantity			12
	Item			Additional Refrigerant Label
	Quantity			1

3TW25791-1

Notes:

1. Nominal cooling capacities are based on:
   · Indoor temperature: 27°CDB, 19°CWB
   · Outdoor temperature: 35°CDB
   · Equivalent refrigerant piping length: 7.5m
   · Level difference: 0m
2. Nominal heating capacities are based on:
   · Indoor temperature: 20°CDB
   · Outdoor temperature: 7°CDB, 6°CWB
   · Equivalent refrigerant piping length: 7.5m
   · Level difference: 0m
3. Sound power level is an absolute value that a sound source generates.
4. Sound pressure level is a relative value, depending on the distance and acoustic environment. For more details, please refer to sound level drawings.
5. Sound values are measured in a semi-anechoic room.

U-8·10MX3XPS

U-MX3				8	10
Nominal Capacity	Cooling		kW	22.40	28.00
	Heating		kW	25.00	31.50
Capacity range			HP	8	10
Power Input (Nominal)	Cooling		kW	6.97	9.00
	Heating		kW	6.89	9.31
Max N° of Indoor Units to be Connected				13	16
Total Capacity Index of Indoor Units to be Connected				260	325
Casing	Colour			Ivory White	Ivory White
	Material			Painted Galvanized Steel	Painted Galvanized Steel
Dimensions	Packing	Height	mm	1829	1829
		Width	mm	990	990
		Depth	mm	855	855
	Unit	Height	mm	1600	1600
		Width	mm	930	930
		Depth	mm	765	765
Weight	Machine Weight		kg	230	230
	Gross Weight		kg	236	236
Heat Exchanger	Specifications	Length	mm	1,640	1,640
		N° of Rows		54	54
		Fin Pitch	mm	2.00	2.00
		N° of Passes		16	16
		Face Area	m^2	1.948	1.948
		N° of Stages		2	2
		Empty Tubeplate Hole		0	0
	Tube Type			Hi-XSS (8)	Hi-XSS (8)
	Fin	Type		Non-symmetric Waffle Louvre	Non-symmetric Waffle Louvre
		Treatment		Corrosion Resistant	Corrosion Resistant
Fan	Type			Propeller	Propeller
	Quantity			1	1
	Air Flow Rate (230V)	Cooling	m^3/min	175.00	180.00
		Heating	m^3/min	175.00	180.00
	External Static Pressure (MAX)		Pa	50 Pa in High Static Pressure	50 Pa in High Static Pressure
	Discharge Direction			Vertical	Vertical
	Motor	Quantity		1	1
		Model		Brushless DC	Brushless DC
		Output	W	750	750
		Speed	rpm	765	785
		Drive		Direct Drive	Direct Drive
Compressor	Quantity			2	2
	Motor	Quantity		1	1
		Model		Inverter	Inverter
		Type		Hermetically Sealed Scroll Compressor	Hermetically Sealed Scroll Compressor
		Speed	rpm	1,900~6,480	1,900~6,480
		Motor Output	kW	2.2	2.2
		Starting Method		Direct on Line	Direct on Line
		Crankcase Heater	W	33	33
	Motor	Quantity		1	1
		Model		ON-OFF	ON-OFF
		Type		Hermetically Sealed Scroll Compressor	Hermetically Sealed Scroll Compressor
		Speed	rpm	2,900	2,900
		Motor Output	kW	4.5	4.5
		Starting Method		Direct on Line	Direct on Line
		Crankcase Heater	W	33	33

U-MX3				8	10
Operation Range	Cooling	Minimum	°CDB	-5.0	-5.0
		Maximum	°CDB	43.0	43.0
	Heating	Minimum	°CWB	-20.0	-20.0
		Maximum	°CWB	15.5	15.5
Sound Level (Nominal)	Cooling	Sound Power	dBA	78.0	78.0
		Sound Pressure	dBA	57.0	58.0
	Heating	Sound Pressure	dBA	57.0	58.0
Refrigerant	Type			R-410A	R-410A
	Charge		kg	8.6	9.6
	Control			Expansion Valve (Electronic Type)	Expansion Valve (Electronic Type)
	N° of Circuits			1	1
Refrigerant Oil	Type			Synthetic (Ether) Oil	Synthetic (Ether) Oil
	Charged Volume		l	1.9+1.6	1.9+1.6
Piping Connections	Liquid	Type		Flare Connection	Flare Connection
		Diameter (OD)	mm	9.52	9.52
	Gas	Type		Braze Connection	Braze Connection
		Diameter (OD)	mm	19.1	22.2
	Heat Insulation			Both Liquid and Gas Pipes	Both Liquid and Gas Pipes
	Max. Total Length		m	300	300
Defrost Method				Reversed Cycle	Reversed Cycle
Defrost Control				Sensor for Outdoor Heat Exchanger Temperature	Sensor for Outdoor Heat Exchanger Temperature
Capacity Control Method				Inverter Controlled	Inverter Controlled
Capacity Control [%]				14 to 100	14 to 100
Safety Devices				HPS	HPS
				Fan Motor Overcurrent Protector	Fan Motor Overcurrent Protector
				Inverter Overload Protector	Inverter Overload Protector
				Over Current Relay	Over Current Relay
				PC Board Fuse	PC Board Fuse
Standard Accessories	Item			Installation and Operation Manual	Installation and Operation Manual
	Quantity			1	1
	Item			Connection Pipes	Connection Pipes
	Quantity			3	3
	Item			Clamps	Clamps
	Quantity			12	12
	Item			Additional Refrigerant Label	Additional Refrigerant Label
	Quantity			1	1

3TW25801-1

Notes:

1. Nominal cooling capacities are based on:
   · Indoor temperature: 27°CDB, 19°CWB
   · Outdoor temperature: 35°CDB
   · Equivalent refrigerant piping length: 7.5m
   · Level difference: 0m
2. Nominal heating capacities are based on:
   · Indoor temperature: 20°CDB
   · Outdoor temperature: 7°CDB, 6°CWB
   · Equivalent refrigerant piping length: 7.5m
   · Level difference: 0m
3. Sound power level is an absolute value that a sound source generates.
4. Sound pressure level is a relative value, depending on the distance and acoustic environment. For more details, please refer to sound level drawings.
5. Sound values are measured in a semi-anechoic room.

U-12·14·16MX3XPS

U-MX3				12	14	16
Nominal Capacity	Cooling		kW	33.50	40.00	44.50
	Heating		kW	37.50	45.00	50.00
Capacity Range			HP	12	14	16
Power Input (Nominal)	Cooling		kW	10.60	14.30	15.60
	Heating		kW	10.80	12.90	14.00
Max N° of Indoor Units to be Connected				19	20	20
Total Capacity Index of Indoor Units to be Connected				390	455	520
Casing	Colour			Ivory White	Ivory White	Ivory White
	Material			Painted Galvanized Steel	Painted Galvanized Steel	Painted Galvanized Steel
Dimensions	Packing	Height	mm	1,829	1,829	1,829
		Width	mm	1,300	1,300	1,300
		Depth	mm	855	855	855
	Unit	Height	mm	1,600	1,600	1,600
		Width	mm	1,240	1,240	1,240
		Depth	mm	765	765	765
Weight	Machine Weight		kg	260	300	300
	Gross Weight		kg	268	308	308
Heat Exchanger	Specifications	Length	mm	1,950	1,950	1,950
		N° of Rows		54	54	54
		Fin Pitch	mm	2.00	2.00	2.00
		N° of Passes		26	26	26
		Face Area	m^2	2.317	2.317	2.317
		N° of Stages		2	2	2
		Empty Tubeplate Hole		0	0	0
	Tube Type			Hi-XSS (8)	Hi-XSS (8)	Hi-XSS (8)
	Fin	Type		Non-Symmetric Waffle Louvre	Non-Symmetric Waffle Louvre	Non-Symmetric Waffle Louvre
		Treatment		Corrosion Resistant	Corrosion Resistant	Corrosion Resistant
Fan	Type			Propeller	Propeller	Propeller
	Quantity			1	1	1
	Air Flow Rate (230V)	Cooling	m^3/min	210.00	210.00	210.00
		Heating	m^3/min	210.00	210.00	210.00
	External Static Pressure (MAX)		Pa	50 Pa in High Static Pressure	50 Pa in High Static Pressure	50 Pa in High Static Pressure
	Discharge Direction			Vertical	Vertical	Vertical
	Motor	Quantity		1	1	1
		Model		Brushless DC	Brushless DC	Brushless DC
		Output	W	750	750	750
		Speed	rpm	880	880	880
		Drive		Direct Drive	Direct Drive	Direct Drive
Compressor	Quantity			2	3	3
	Motor	Quantity		1	1	1
		Model		Inverter Controlled	Inverter Controlled	Inverter Controlled
		Type		Hermetically Sealed Scroll Compressor	Hermetically Sealed Scroll Compressor	Hermetically Sealed Scroll Compressor
		Speed	rpm	1,900~6,480	1,900~6,480	1,900~6,480
		Motor Output	kW	2.2	2.2	2.2
		Starting Method		Direct on Line	Direct on Line	Direct on Line
		Crankcase Heater	W	33	33	33
	Motor	Quantity		1	2	2
		Model		ON-OFF	ON-OFF	ON-OFF
		Type		Hermetically Sealed Scroll Compressor	Hermetically Sealed Scroll Compressor	Hermetically Sealed Scroll Compressor
		Speed	rpm	2,900	2,900	2,900
		Motor Output	kW	4.5	4.5	4.5
		Starting Method		Direct on Line	Direct on Line	Direct on Line
		Crankcase Heater	W	33	33	33

U-MX3				12	14	16
Operation Range	Cooling	Minimum	°CDB	-5.0	-5.0	-5.0
		Maximum	°CDB	43.0	43.0	43.0
	Heating	Minimum	°CWB	-20.0	-20.0	-20.0
		Maximum	°CWB	15.5	15.5	15.5
Sound Level (Nominal)	Cooling	Sound Power	dBA	80.0	80.0	80.0
		Sound Pressure	dBA	60.0	60.0	60.0
	Heating	Sound Pressure	dBA	60.0	60.0	60.0
Refrigerant	Type			R-410A	R-410A	R-410A
	Charge		kg	11.4	12.9	14.4
	Control			Expansion Valve (Electronic Type)	Expansion Valve (Electronic Type)	Expansion Valve (Electronic Type)
	N° of Circuits			1	1	1
Refrigerant Oil	Type			Synthetic (Ether) Oil	Synthetic (Ether) Oil	Synthetic (Ether) Oil
	Charged Volume		l	1.9+1.6	1.9+1.6+1.6	1.9+1.6+1.6
Piping Connections	Liquid	Type		Flare Connection	Flare Connection	Flare Connection
		Diameter (OD)	mm	12.7	12.7	12.7
	Gas	Type		Braze Connection	Braze Connection	Braze Connection
		Diameter (OD)	mm	28.6	28.6	28.6
	Heat Insulation			Both Liquid and Gas Pipes	Both Liquid and Gas Pipes	Both Liquid and Gas Pipes
	Max. Total Length		m	300	300	300
Defrost method				Reversed Cycle	Reversed Cycle	Reversed Cycle
Defrost Control				Sensor for Outdoor Heat Exchanger Temperature	Sensor for Outdoor Heat Exchanger Temperature	Sensor for Outdoor Heat Exchanger Temperature
Capacity Control Method				Inverter Controlled	Inverter controlled	Inverter Controlled
Capacity Control [%]				14 to 100	10 to 100	10 to 100
Safety Devices				HPS	HPS	HPS
				Fan Motor Overcurrent Protector	Fan Motor Overcurrent Protector	Fan Motor Overcurrent Protector
				Inverter Overload Protector	Inverter Overload Protector	Inverter Overload Protector
				Over Current Relay	Over Current Relay	Over Current Relay
				PC Board Fuse	PC Board Fuse	PC Board Fuse
Standard Accessories	Item			Installation and Operation Manual	Installation and Operation Manual	Installation and Operation Manual
	Quantity			1	1	1
	Item			Connection Pipes	Connection Pipes	Connection Pipes
	Quantity			3	3	3
	Item			Clamps	Clamps	Clamps
	Quantity			12	12	12
	Item			Additional Refrigerant Label	Additional Refrigerant Label	Additional Refrigerant Label
	Quantity			1	1	1

3TW25821-1

Notes:

1. Nominal cooling capacities are based on:
   · Indoor temperature: 27°CDB, 19°CWB
   · Outdoor temperature: 35°CDB
   · Equivalent refrigerant piping length: 7.5m
   · Level difference: 0m
2. Nominal heating capacities are based on:
   · Indoor temperature: 20°CDB
   · Outdoor temperature: 7°CDB, 6°CWB
   · Equivalent refrigerant piping length: 7.5m
   · Level difference: 0m
3. Sound power level is an absolute value that a sound source generates.
4. Sound pressure level is a relative value, depending on the distance and acoustic environment. For more details, please refer to sound level drawings.
5. Sound values are measured in a semi-anechoic room.

PA-18~32MX3XPQ

PA-MX3				18	20	22	24	26	28	30	32
Nominal Capacity	Cooling		kW	50.40	56.00	61.50	68.00	72.50	78.00	84.50	89.00
	Heating		kW	56.50	63.00	69.00	76.50	81.50	87.50	95.00	100.00
Capacity Range			HP	18	20	22	24	26	28	30	32
Power Input (Nominal)	Cooling		kW	16.00	18.00	19.60	23.30	24.60	26.20	29.90	31.20
	Heating		kW	16.20	18.60	20.10	22.20	23.30	24.80	26.90	28.10
Max N° of Indoor Units to be Connected				20	20	22	32	32	32	32	32
Total Capacity Index of Indoor Units to be Connected				585	650	715	780	845	910	975	1,040
Casing	Colour			Ivory White							
	Material			Painted Galvanized Steel							
Fan	Type			Propeller							
	Quantity			2	2	2	2	2	2	2	2
	Air Flow Rate (230V)	Cooling	m^3/min	355.00	360.00	390.00	390.00	390.00	420.00	420.00	420.00
		Heating	m^3/min	355.00	360.00	390.00	390.00	390.00	420.00	420.00	420.00
	External Static Pressure (MAX)		Pa	50 Pa in High Static Pressure Mode							
	Discharge Direction			Vertical							
	Motor	Quantity		1	1	1	1	1	1	1	1
		Model		Brushless DC							
		Output	W	750	750	750	750	750	750	750	750
		Speed	rpm	765	785	785	785	880	880	880	880
		Drive		Direct Drive							
	Motor	Quantity		1	1	1	1	1	1	1	1
		Model		Brushless DC							
		Output	W	750	750	750	750	750	750	750	750
		Speed	rpm	785	785	880	880	880	880	880	880
		Drive		Direct Drive							
Compressor	Quantity			4	4	4	5	5	5	6	6
	Motor	Quantity		2	2	2	2	2	2	2	2
		Model		Inverter							
		Type		Hermetically Sealed Scroll Compressor							
		Speed	rpm	1,900~6,480							
		Motor Output	kW	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
		Starting Method		Direct on Line							
		Crankcase Heater	W	33	33	33	33	33	33	33	33
	Motor	Quantity		2	2	2	3	3	3	4	4
		Model		ON-OFF							
		Type		Hermetically Sealed Scroll Compressor							
		Speed	rpm	2,900	2,900	2,900	2,900	2,900	2,900	2,900	2,900
		Motor Output	kW	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		Starting Method		Direct on Line							
		Crankcase Heater	W	33	33	33	33	33	33	33	33
Operation Range	Cooling	Minimum	°CDB	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
		Maximum	°CDB	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
	Heating	Minimum	°CWB	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
		Maximum	°CWB	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
Sound Level (Nominal)	Cooling	Sound Power	dBA	81.0	81.0	82.0	82.0	82.0	83.0	83.0	83.0
		Sound Pressure	dBA	61.0	61.0	62.0	62.0	62.0	63.0	63.0	63.0
	Heating	Sound Pressure	dBA	61.0	61.0	62.0	62.0	62.0	63.0	63.0	63.0

PA-MX3				18	20	22	24	26	28	30	32
Refrigerant	Type			R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
	Charge		kg	18.2	19.2	21.0	22.5	24.0	25.8	27.3	28.8
	Control			Expansion Valve (Electronic Type)							
	N° of Circuits			2	2	2	2	2	2	2	2
Refrigerant Oil	Type			Synthetic (Ether) Oil							
	Charged Volume		l	(2x1.9)+(2x1.6)	(2x1.9)+(2x1.6)	(2x+1.9)+(2x1.6)	(2x1.9)+(3x1.6)	(2x1.9)+(3x1.6)	(2x1.9)+(3x1.6)	(2x1.9)+(4x1.6)	(2x1.9)+(4x1.6)
Piping Connections	Liquid	Type		Braze Connection							
		Diameter (OD)	mm	15.9	15.9	15.9	15.9	19.1	19.1	19.1	19.1
	Gas	Type		Braze Connection							
		Diameter (OD)	mm	28.6	28.6	28.6	34.9	34.9	34.9	34.9	34.9
	Oil Equalizing	Type		Flare Connection							
		Diameter (OD)	mm	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
	Heat Insulation			Both Liquid, Gas and Oil Equalizing Pipe							
	Max. Total Length		m	300	300	300	300	300	300	300	300
Defrost Method				Reversed Cycle							
Defrost Control				Sensor for Outdoor Heat Exchanger Temperature							
Capacity Control Method				Inverter Controlled							
Safety Devices				HPS							
				Fan Motor Overcurrent Protector							
				Inverter Overload Protector							
				Over Current Relay							
				PC Board Fuse							
Standard Accessories	Item			Installation and Operation Manual							
	Quantity			2	2	2	2	2	2	2	2
	Item			Connection Pipes							
	Quantity			9	9	9	9	9	9	9	9
	Item			Clamps							
	Quantity			36	36	36	36	36	36	36	36
	Item			Additional Refrigerant Label							
	Quantity			2	2	2	2	2	2	2	2

3TW25801-3

Notes:

1. Nominal cooling capacities are based on:
   · Indoor Temperature: 27°CDB, 19°CWB
   · Outdoor Temperature: 35°CDB
   · Equivalent Refrigerant Piping Length: 7.5m
   · Level Difference: 0m
2. Nominal heating capacities are based on:
   · Indoor Temperature: 20°CDB
   · Outdoor Temperature: 7°CDB, 6°CWB
   · Equivalent Refrigerant Piping Length: 7.5m
   · Level Difference: 0m
3. Sound power level is an absolute value that a sound source generates.
4. Sound pressure level is a relative value, depending on the distance and acoustic environment. For more details, please refer to sound level drawings.
5. Sound values are measured in a semi-anechoic room.

PA-34~48MX3XPQ

PA-MX3				34	36	38	40	42	44	46	48
Nominal Capacity	Cooling		kW	96.00	101.00	106.00	113.00	117.00	123.00	129.00	134.00
	Heating		kW	108.00	113.00	119.00	127.00	132.00	138.00	145.00	150.00
Capacity Range			HP	34	36	38	40	42	44	46	48
Power Input (Nominal)	Cooling		kW	32.30	33.60	35.20	38.90	40.20	41.80	45.50	46.90
	Heating		kW	31.50	32.60	34.10	36.20	37.40	38.80	40.90	42.10
Max N° of Indoor Units to be Connected				34	36	38	40	40	40	40	40
Total Capacity Index of Indoor Units to be Connected				1,105	1,170	1,235	1,300	1,365	1,430	1,495	1,560
Casing	Colour			Ivory White							
	Material			Painted Galvanized Steel							
Fan	Type			Propeller							
	Quantity			3	3	3	3	3	3	3	3
	Air Flow Rate (230V)	Cooling	m^3/min	570.00	570.00	600.00	600.00	600.00	630.00	630.00	630.00
		Heating	m^3/min	570.00	570.00	600.00	600.00	600.00	630.00	630.00	630.00
	External Static Pressure (MAX)		Pa	50 Pa in High Static Pressure Mode							
	Discharge Direction			Vertical							
	Motor	Quantity		1	1	1	1	1	1	1	1
		Model		Brushless DC							
		Output	W	750	750	750	750	750	750	750	750
		Speed	rpm	785	785	785	785	880	880	880	880
		Drive		Direct Drive							
	Motor	Quantity		1	1	1	1	1	1	1	1
		Model		Brushless DC							
		Output	W	750	750	750	750	750	750	750	750
		Speed	rpm	785	785	880	880	880	880	880	880
		Drive		Direct Drive							
	Motor	Quantity		1	1	1	1	1	1	1	1
		Model		Brushless DC							
		Output	W	750	750	750	750	750	750	750	750
		Speed	rpm	880	880	880	880	880	880	880	880
		Drive		Direct Drive							
Compressor	Quantity			7	7	7	8	8	8	9	9
	Motor	Quantity		3	3	3	3	3	3	3	3
		Model		Inverter							
		Type		Hermetically Sealed Scroll Compressor							
		Speed	rpm	1,900~6,480	1,900~6,480	1,900~6,480	1,900~6,480	1,900~6,480	1,900~6,480	1,900~6,480	1,900~6,480
		Motor Output	kW	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
		Starting Method		Direct on Line							
		Crankcase Heater	W	33	33	33	33	33	33	33	33
	Motor	Quantity		4	4	4	5	5	5	6	6
		Model		ON-OFF							
		Type		Hermetically Sealed Scroll Compressor							
		Speed	rpm	2,900	2,900	2,900	2,900	2,900	2,900	2,900	2,900
		Motor Output	kW	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		Starting Method		Direct on Line							
		Crankcase Heater	W	33	33	33	33	33	33	33	33
Operation Range	Cooling	Minimum	°CDB	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
		Maximum	°CDB	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
	Heating	Minimum	°CWB	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
		Maximum	°CWB	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
Sound Level (Nominal)	Cooling	Sound Power	dBA	84.0	84.0	84.0	84.0	84.0	85.0	85.0	85.0
		Sound Pressure	dBA	64.0	64.0	64.0	64.0	64.0	65.0	65.0	65.0
	Heating	Sound Pressure	dBA	64.0	64.0	64.0	64.0	64.0	65.0	65.0	65.0

PA-MX3				34	36	38	40	42	44	46	48
Refrigerant	Type			R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
	Charge		kg	32.1	33.6	35.4	36.9	38.4	40.2	41.7	43.2
	Control			Expansion Valve (Electronic Type)							
	N° of Circuits			3	3	3	3	3	3	3	3
Refrigerant Oil	Type			Synthetic (Ether) Oil							
	Charged Volume		l	(3x1.9)+(4x1.6)	(3x1.9)+(4x1.6)	(3x+1.9)+(4x1.6)	(3x1.9)+(5x1.6)	(3x1.9)+(5x1.6)	(3x1.9)+(5x1.6)	(3x1.9)+(6x1.6)	(3x1.9)+(6x1.6)
Piping Connections	Liquid	Type		Braze Connection							
		Diameter (OD)	mm	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
	Gas	Type		Braze Connection							
		Diameter (OD)	mm	34.9	41.3	41.3	41.3	41.3	41.3	41.3	41.3
	Oil Equalizing	Type		Flare Connection							
		Diameter (OD)	mm	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
	Heat Insulation			Both Liquid, Gas and Oil Equalizing Pipe							
	Max. Total Length		m	300	300	300	300	300	300	300	300
Defrost Method				Reversed Cycle							
Defrost Control				Sensor for Outdoor Heat Exchanger Temperature							
Capacity Control Method				Inverter Controlled							
Safety Devices				HPS							
				Fan Motor Overcurrent Protector							
				Inverter Overload Protector							
				Over Current Relay							
				PC Board Fuse							
Standard Accessories	Item			Installation and Operation Manual							
	Quantity			2	2	2	2	2	2	2	2
	Item			Connection Pipes							
	Quantity			9	9	9	9	9	9	9	9
	Item			Clamps							
	Quantity			36	36	36	36	36	36	36	36
	Item			Additional Refrigerant Label							
	Quantity			3	3	3	3	3	3	3	3

3TW25801-4

Notes:

1. Nominal cooling capacities are based on:
   · Indoor Temperature: 27°CDB, 19°CWB
   · Outdoor Temperature: 35°CDB
   · Equivalent Refrigerant Piping Length: 7.5m
   · Level Difference: 0m
2. Nominal heating capacities are based on:
   · Indoor Temperature: 20°CDB
   · Outdoor Temperature: 7°CDB, 6°CWB
   · Equivalent Refrigerant Piping Length: 7.5m
   · Level Difference: 0m
3. Sound power level is an absolute value that a sound source generates.
4. Sound pressure level is a relative value, depending on the distance and acoustic environment. For more details, please refer to sound level drawings.
5. Sound values are measured in a semi-anechoic room.

1.3 Electrical Specification

U-5MX3XPS

U-MX3				5
Power Supply	Phase			3N~
	Frequency		Hz	50
	Voltage		V	400
Current	Nominal Running Current (RLA)	Cooling	A	6.30
		Heating	A	7.20
	Starting Current (MSC)		A	15.00
	Minimum Circuit Amps (MCA)		A	12.00
	Maximum Fuse Amps (MFA)		A	16
	Total Overcurrent Amps (TOCA)		A	14.40
	Full Load Amps (FLA)		A	0.3 (Fan Motor)
Voltage Range	Minimum		V	360
	Maximum		V	440
Wiring Connections	For Power Supply	Quantity		5
		Remark		Earth Wire Included
	For Connection with Indoor	Quantity		2
		Remark		P1-P2
Power Supply Intake				Both Indoor and Outdoor Unit

3TW25791-1

U-8·10MX3XPS

U-MX3				8	10
Power Supply	Phase			3N~	3N~
	Frequency		Hz	50	50
	Voltage		V	400	400
Current	Nominal Running Current (RLA)	Cooling	A	10.40	13.90
		Heating	A	10.30	14.40
	Starting Current (MSC)		A	74.00	74.00
	Minimum Circuit Amps (MCA)		A	19.50	22.80
	Maximum Fuse Amps (MFA)		A	32	32
	Total Overcurrent Amps (TOCA)		A	27.80	27.80
	Full Load Amps (FLA)		A	0.7 (Fan Motor)	0.7 (Fan Motor)
Voltage Range	Minimum		V	360	360
	Maximum		V	440	440
Wiring Connections	For Power Supply	Quantity		5	5
		Remark		Earth Wire Included	Earth Wire Included
	For Connection with Indoor	Quantity		2	2
		Remark		P1-P2	P1-P2
Power Supply Intake				Both Indoor and Outdoor Unit	Both Indoor and Outdoor Unit

3TW25801-1

U-12·14·16MX3XPS

U-MX3				12	14	16
Power Supply	Phase			3N~	3N~	3N~
	Frequency		Hz	50	50	50
	Voltage		V	400	400	400
Current	Nominal Running Current (RLA)	Cooling	A	16.00	21.60	23.50
		Heating	A	16.30	19.50	21.10
	Starting Current (MSC)		A	75.00	93.00	95.00
	Minimum Circuit Amps (MCA)		A	23.30	33.40	33.40
	Maximum Fuse Amps (MFA)		A	32	50	50
	Total Overcurrent Amps (TOCA)		A	28.30	41.30	41.30
	Full Load Amps (FLA)		A	1.1 (Fan Motor)	1.1 (Fan Motor)	1.1 (Fan Motor)
Voltage Range	Minimum		V	360	360	360
	Maximum		V	440	440	440
Wiring Connections	For Power Supply	Quantity		5	5	5
		Remark		Earth Wire Included	Earth Wire Included	Earth Wire Included
	For Connection with Indoor	Quantity		2	2	2
		Remark		P1-P2	P1-P2	P1-P2
Power Supply Intake				Both Indoor and Outdoor Unit	Both Indoor and Outdoor Unit	Both Indoor and Outdoor Unit

3TW25821-1

PA-18~32MX3XPQ

PA-MX3				18	20	22	24	26	28	30	32
Power Supply	Phase			3N~	3N~	3N~	3N~	3N~	3N~	3N~	3N~
	Frequency		Hz	50	50	50	50	50	50	50	50
	Voltage		V	400	400	400	400	400	400	400	400
Current	Nominal Running Current (RLA)	Cooling	A	24.30	27.80	29.90	35.50	37.40	39.50	45.10	47.00
		Heating	A	24.60	28.70	30.70	33.80	35.40	37.40	40.60	42.30
	Starting Current (MSC)		A	94.00	94.00	94.00	104.00	106.00	106.00	116.00	117.00
	Minimum Circuit Amps (MCA)		A	42.60	45.60	46.10	56.20	56.20	56.70	66.80	66.80
	Maximum Fuse Amps (MFA)		A	63	63	63	80	80	80	100	100
	Total Overcurrent Amps (TOCA)		A	55.60	55.60	56.10	69.10	69.10	69.70	82.70	82.70
	Full Load Amps (FLA)		A	1.4 (Fan Motor)	1.4 (Fan Motor)	1.8 (Fan Motor)	1.8 (Fan Motor)	1.8 (Fan Motor)	2.2 (Fan Motor)	2.2 (Fan Motor)	2.2 (Fan Motor)
Voltage Range	Minimum		V	360	360	360	360	360	360	360	360
	Maximum		V	440	440	440	440	440	440	440	440
Wiring Connections	For Power Supply	Quantity		5	5	5	5	5	5	5	5
		Remark		Earth Wire Included	Earth Wire Included	Earth Wire Included	Earth Wire Included	Earth Wire Included	Earth Wire Included	Earth Wire Included	Earth Wire Included
	For Connection with Indoor	Quantity		2	2	2	2	2	2	2	2
		Remark		P1-P2	P1-P2	P1-P2	P1-P2	P1-P2	P1-P2	P1-P2	P1-P2
Power Supply Intake				Both Indoor and Outdoor Unit	Both Indoor and Outdoor Unit	Both Indoor and Outdoor Unit	Both Indoor and Outdoor Unit	Both Indoor and Outdoor Unit	Both Indoor and Outdoor Unit	Both Indoor and Outdoor Unit	Both Indoor and Outdoor Unit

3TW25801-3

PA-34~48MX3XPQ

PA-MX3				34	36	38	40	42	44	46	48
Power Supply	Phase			3N~	3N~	3N~	3N~	3N~	3N~	3N~	3N~
	Frequency		Hz	50	50	50	50	50	50	50	50
	Voltage		V	400	400	400	400	400	400	400	400
Current	Nominal Running Current (RLA)	Cooling	A	49.40	51.30	53.40	59.00	60.90	57.10	68.60	70.50
		Heating	A	48.20	49.80	51.70	54.90	56.70	53.00	61.70	63.30
	Starting Current (MSC)		A	123.00	125.00	126.00	135.00	137.00	138.00	147.00	148.00
	Minimum Circuit Amps (MCA)		A	79.00	79.00	79.50	89.60	89.60	90.10	100.20	100.20
	Maximum Fuse Amps (MFA)		A	100	100	100	125	125	125	125	125
	Total Overcurrent Amps (TOCA)		A	96.90	96.90	97.50	110.50	110.50	110.00	124.00	124.00
	Full Load Amps (FLA)		A	2.5 (Fan Motor)	2.5 (Fan Motor)	2.9 (Fan Motor)	2.9 (Fan Motor)	2.9 (Fan Motor)	3,3 (Fan Motor)	3,3 (Fan Motor)	3,3 (Fan Motor)
Voltage Range	Minimum		V	360	360	360	360	360	360	360	360
	Maximum		V	440	440	440	440	440	440	440	440
Wiring Connections	For Power Supply	Quantity		5	5	5	5	5	5	5	5
		Remark		Earth Wire Included							
	For Connection with Indoor	Quantity		2	2	2	2	2	2	2	2
		Remark		P1-P2	P1-P2	P1-P2	P1-P2	P1-P2	P1-P2	P1-P2	P1-P2
Power Supply Intake				Both Indoor and Outdoor Unit							

3TW25801-4

Notes:

1. MCA = 1.25 x maximum RLA + other RLA + EA FLA
2. MCA/MFA:
   - MCA/MFA: MCA = 1.25 x maximum RLA + other RLA + EA FLA, MFA is smaller than or equal to 2.25 x maximum RLA + other RLA + EA FLA, next lower standard fuse rating minimum 16A
   - MFA is smaller than or equal to 2.25 x maximum RLA + other RLA + EA FLA
   - MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker)
3. MSC means the maximum current during start up of the compressor
   - Maximum allowable voltage range variation between phases is 2%
   - Next lower standard fuse rating minimum 16A
4. RLA is based on following conditions : Indoor Temperature : 27°CDB/19°CWB, Outdoor Temperature: 35°CDB
   - Select wire size based on the value of MCA or TOCA
5. TOCA means the total value of each OC set
6. Voltage Range: units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits

2. Accessories

U-MX3	5	8, 10	12, 14, 16
Cool/Heat Selector	CZ-01RD11P		
Fixing Box	KJB111A		
Header Branch Pipes	CZ-P29HK12Q	CZ-P29HK12Q	CZ-P29HK12Q CZ-P64HK12Q
Line Branch Pipes	CZ-P20BK12Q	CZ-P20BK12Q CZ-P29BK12Q	CZ-P20BK12Q CZ-P29BK12Q CZ-P64BK12Q
Central Drain Pan Kit	KWC26B160	KWC26B280	KWC26B450

4TW25791-4

PA-MX3	18, 20	22, 24, 26	28	30, 32
Cool/Heat Selector	CZ-01RD11P			
Fixing Box	KJB111A			
Header Branch Pipes	CZ-P29HK12Q CZ-P64HK12Q CZ-P75HK12Q			
Line Branch Pipes	CZ-P20BK12Q CZ-P29BK12Q CZ-P64BK12Q CZ-P75BK12Q			
Outdoor Unit Multi Connection Piping Kit	CZ-32PJ1PQ			
Central Drain Pan Kit	KWC26B280 x 2	KWC26B280 KWC26B450	KWC26B450 x 2	KWC26B450 x 2

4TW25791-4

PA-MX3	34, 36	38	40, 42	44,46,48
Cool/Heat Selector	CZ-01RD11P			
Fixing Box	KJB111A			
Header Branch Pipes	CZ-P29HK12Q CZ-P64HK12Q CZ-P75HK12Q			
Line Branch Pipes	CZ-P20BK12Q CZ-P29BK12Q CZ-P64BK12Q CZ-P75BK12Q			
Outdoor Unit Multi Connection Piping Kit	CZ-48PJ1PQ			
Central Drain Pan Kit	KWC26B280 x 2 KWC26B450	KWC26B280 KWC26B450 x 2	KWC26B280 KWC26B450 x 2	KWC26B450 x 3

4TW25791-4

3. Capacity Tables

3.1 Cooling Capacity

U-5MX3XPS

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130	162.5	10	12.3	1.75	14.6	2.14	17.0	2.54	18.2	2.59	18.6	2.54	19.0	2.43	19.5	2.32
		12	12.3	1.78	14.6	2.18	17.0	2.59	18.1	2.58	18.3	2.53	18.8	2.42	19.2	2.38
		14	12.3	1.81	14.6	2.22	17.0	2.62	17.9	2.57	18.1	2.51	18.5	2.49	19.0	2.52
		16	12.3	1.85	14.6	2.26	17.0	2.61	17.6	2.59	17.8	2.60	18.3	2.63	18.7	2.65
		18	12.3	1.88	14.6	2.31	17.0	2.71	17.4	2.72	17.6	2.74	18.1	2.76	18.5	2.79
		20	12.3	1.92	14.6	2.46	16.9	2.84	17.1	2.85	17.4	2.87	17.8	2.90	18.3	2.93
		21	12.3	1.97	14.6	2.54	16.8	2.91	17.0	2.92	17.3	2.94	17.7	2.97	18.1	2.99
		23	12.3	2.11	14.6	2.73	16.6	3.04	16.8	3.05	17.0	3.07	17.5	3.10	17.9	3.13
		25	12.3	2.26	14.6	2.92	16.3	3.17	16.6	3.19	16.8	3.21	17.2	3.24	17.7	3.27
		27	12.3	2.41	14.6	3.13	16.1	3.31	16.3	3.32	16.5	3.34	17.0	3.38	17.4	3.41
		29	12.3	2.58	14.6	3.34	15.9	3.44	16.1	3.46	16.3	3.48	16.7	3.51	17.2	3.55
		31	12.3	2.75	14.6	3.54	15.6	3.57	15.8	3.59	16.1	3.61	16.5	3.65	16.9	3.69
		33	12.3	2.93	14.6	3.67	15.4	3.71	15.6	3.73	15.8	3.75	16.3	3.79	16.7	3.83
		35	12.3	3.12	14.6	3.80	15.1	3.85	15.4	3.87	15.6	3.89	16.0	3.93	16.5	3.98
		37	12.3	3.32	14.5	3.94	14.9	3.98	15.1	4.00	15.3	4.03	15.8	4.07	16.2	4.12
		39	12.3	3.54	14.2	4.07	14.7	4.12	14.9	4.14	15.1	4.17	15.5	4.22	16.0	4.26
120	150	10	11.3	1.59	13.5	1.95	15.7	2.32	16.8	2.50	17.9	2.61	18.7	2.51	19.1	2.41
		12	11.3	1.62	13.5	1.98	15.7	2.36	16.8	2.55	17.9	2.59	18.5	2.50	18.9	2.39
		14	11.3	1.65	13.5	2.02	15.7	2.40	16.8	2.60	17.8	2.58	18.2	2.48	18.6	2.50
		16	11.3	1.69	13.5	2.06	15.7	2.45	16.8	2.62	17.6	2.59	18.0	2.61	18.4	2.63
		18	11.3	1.72	13.5	2.10	15.7	2.54	16.8	2.71	17.3	2.72	17.7	2.74	18.1	2.77
		20	11.3	1.75	13.5	2.19	15.7	2.73	16.8	2.84	17.1	2.85	17.5	2.88	17.9	2.90
		21	11.3	1.77	13.5	2.26	15.7	2.82	16.8	2.90	17.0	2.92	17.4	2.94	17.8	2.97
		23	11.3	1.89	13.5	2.43	15.7	3.02	16.5	3.04	16.7	3.05	17.1	3.08	17.5	3.11
		25	11.3	2.02	13.5	2.60	15.7	3.15	16.3	3.17	16.5	3.18	16.9	3.21	17.3	3.25
		27	11.3	2.16	13.5	2.77	15.7	3.29	16.0	3.30	16.3	3.32	16.7	3.35	17.1	3.38
		29	11.3	2.30	13.5	2.96	15.6	3.42	15.8	3.44	16.0	3.45	16.4	3.49	16.8	3.52
		31	11.3	2.45	13.5	3.16	15.4	3.55	15.6	3.57	15.8	3.59	16.2	3.62	16.6	3.66
		33	11.3	2.61	13.5	3.37	15.1	3.69	15.3	3.71	15.5	3.72	15.9	3.76	16.4	3.80
		35	11.3	2.78	13.5	3.60	14.9	3.82	15.1	3.84	15.3	3.86	15.7	3.90	16.1	3.94
		37	11.3	2.96	13.5	3.83	14.6	3.96	14.9	3.98	15.1	4.00	15.5	4.04	15.9	4.08
		39	11.3	3.15	13.5	4.05	14.4	4.09	14.6	4.11	14.8	4.14	15.2	4.18	15.6	4.23
110	137.5	10	10.4	1.45	12.4	1.76	14.4	2.09	15.4	2.26	16.4	2.43	18.4	2.59	18.8	2.50
		12	10.4	1.47	12.4	1.80	14.4	2.13	15.4	2.31	16.4	2.48	18.1	2.57	18.5	2.48
		14	10.4	1.50	12.4	1.83	14.4	2.17	15.4	2.35	16.4	2.53	17.9	2.56	18.3	2.48
		16	10.4	1.53	12.4	1.87	14.4	2.22	15.4	2.40	16.4	2.58	17.7	2.59	18.0	2.61
		18	10.4	1.56	12.4	1.90	14.4	2.26	15.4	2.46	16.4	2.70	17.4	2.72	17.8	2.75
		20	10.4	1.59	12.4	1.94	14.4	2.39	15.4	2.65	16.4	2.83	17.2	2.86	17.6	2.88
		21	10.4	1.60	12.4	2.00	14.4	2.48	15.4	2.74	16.4	2.90	17.1	2.92	17.4	2.95
		23	10.4	1.68	12.4	2.14	14.4	2.66	15.4	2.94	16.4	3.03	16.8	3.06	17.2	3.08
		25	10.4	1.79	12.4	2.29	14.4	2.85	15.4	3.15	16.2	3.16	16.6	3.19	17.0	3.22
		27	10.4	1.91	12.4	2.45	14.4	3.05	15.4	3.28	16.0	3.30	16.3	3.33	16.7	3.36
		29	10.4	2.04	12.4	2.61	14.4	3.25	15.4	3.41	15.7	3.43	16.1	3.46	16.5	3.49
		31	10.4	2.17	12.4	2.78	14.4	3.47	15.3	3.55	15.5	3.56	15.9	3.60	16.2	3.63
		33	10.4	2.31	12.4	2.97	14.4	3.66	15.1	3.68	15.3	3.70	15.6	3.73	16.0	3.77
		35	10.4	2.46	12.4	3.16	14.4	3.80	14.8	3.82	15.0	3.83	15.4	3.87	15.8	3.91
		37	10.4	2.61	12.4	3.37	14.4	3.93	14.6	3.95	14.8	3.97	15.2	4.01	15.5	4.05
		39	10.4	2.78	12.4	3.58	14.2	4.07	14.4	4.09	14.5	4.11	14.9	4.15	15.3	4.19
100	125	10	9.45	1.31	11.3	1.58	13.1	1.88	14.0	2.03	14.9	2.18	16.7	2.49	18.4	2.58
		12	9.45	1.33	11.3	1.61	13.1	1.91	14.0	2.07	14.9	2.22	16.7	2.54	18.2	2.57
		14	9.45	1.35	11.3	1.64	13.1	1.95	14.0	2.10	14.9	2.26	16.7	2.59	17.9	2.55
		16	9.45	1.38	11.3	1.67	13.1	1.99	14.0	2.15	14.9	2.31	16.7	2.62	17.7	2.59
		18	9.45	1.40	11.3	1.71	13.1	2.02	14.0	2.19	14.9	2.35	16.7	2.71	17.5	2.73
		20	9.45	1.43	11.3	1.74	13.1	2.09	14.0	2.30	14.9	2.52	16.7	2.84	17.2	2.86
		21	9.45	1.44	11.3	1.76	13.1	2.16	14.0	2.38	14.9	2.61	16.7	2.90	17.1	2.93
		23	9.45	1.48	11.3	1.87	13.1	2.31	14.0	2.55	14.9	2.80	16.5	3.04	16.9	3.06
		25	9.45	1.58	11.3	2.00	13.1	2.48	14.0	2.73	14.9	3.00	16.3	3.17	16.6	3.19
		27	9.45	1.68	11.3	2.14	13.1	2.65	14.0	2.92	14.9	3.21	16.0	3.30	16.4	3.33
		29	9.45	1.79	11.3	2.28	13.1	2.82	14.0	3.12	14.9	3.41	15.8	3.44	16.1	3.46
		31	9.45	1.91	11.3	2.43	13.1	3.01	14.0	3.33	14.9	3.54	15.6	3.57	15.9	3.60
		33	9.45	2.03	11.3	2.59	13.1	3.21	14.0	3.55	14.9	3.67	15.3	3.70	15.7	3.74
		35	9.45	2.16	11.3	2.75	13.1	3.43	14.0	3.79	14.7	3.81	15.1	3.84	15.4	3.87
		37	9.45	2.29	11.3	2.93	13.1	3.65	14.0	3.92	14.5	3.94	14.8	3.98	15.2	4.01
		39	9.45	2.43	11.3	3.12	13.1	3.89	14.0	4.06	14.3	4.08	14.6	4.11	14.9	4.15

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	112.5	10	8.50	1.17	10.1	1.41	11.8	1.66	12.6	1.80	13.4	1.93	15.1	2.21	16.7	2.49
		12	8.50	1.19	10.1	1.43	11.8	1.70	12.6	1.83	13.4	1.97	15.1	2.25	16.7	2.53
		14	8.50	1.21	10.1	1.46	11.8	1.73	12.6	1.86	13.4	2.00	15.1	2.29	16.7	2.58
		16	8.50	1.23	10.1	1.49	11.8	1.76	12.6	1.90	13.4	2.04	15.1	2.33	16.7	2.62
		18	8.50	1.25	10.1	1.52	11.8	1.79	12.6	1.94	13.4	2.08	15.1	2.38	16.7	2.71
		20	8.50	1.28	10.1	1.55	11.8	1.83	12.6	1.98	13.4	2.16	15.1	2.56	16.7	2.84
		21	8.50	1.29	10.1	1.56	11.8	1.86	12.6	2.05	13.4	2.24	15.1	2.65	16.7	2.90
		23	8.50	1.31	10.1	1.63	11.8	1.99	12.6	2.19	13.4	2.40	15.1	2.84	16.5	3.04
		25	8.50	1.38	10.1	1.74	11.8	2.13	12.6	2.34	13.4	2.57	15.1	3.04	16.3	3.17
		27	8.50	1.47	10.1	1.85	11.8	2.27	12.6	2.50	13.4	2.74	15.1	3.26	16.0	3.30
		29	8.50	1.57	10.1	1.97	11.8	2.43	12.6	2.67	13.4	2.93	15.1	3.41	15.8	3.43
		31	8.50	1.66	10.1	2.10	11.8	2.59	12.6	2.85	13.4	3.13	15.1	3.54	15.6	3.57
		33	8.50	1.77	10.1	2.23	11.8	2.76	12.6	3.04	13.4	3.34	15.0	3.68	15.3	3.70
		35	8.50	1.88	10.1	2.38	11.8	2.94	12.6	3.24	13.4	3.56	14.8	3.81	15.1	3.84
		37	8.50	1.99	10.1	2.53	11.8	3.12	12.6	3.45	13.4	3.79	14.5	3.94	14.8	3.98
		39	8.50	2.11	10.1	2.68	11.8	3.33	12.6	3.67	13.4	4.04	14.3	4.08	14.6	4.11
80	100	10	7.56	1.04	9.02	1.24	10.5	1.46	11.2	1.57	11.9	1.69	13.4	1.92	14.8	2.17
		12	7.56	1.05	9.02	1.26	10.5	1.49	11.2	1.60	11.9	1.72	13.4	1.96	14.8	2.21
		14	7.56	1.07	9.02	1.29	10.5	1.51	11.2	1.63	11.9	1.75	13.4	2.00	14.8	2.25
		16	7.56	1.09	9.02	1.31	10.5	1.54	11.2	1.66	11.9	1.79	13.4	2.04	14.8	2.30
		18	7.56	1.11	9.02	1.33	10.5	1.57	11.2	1.69	11.9	1.82	13.4	2.08	14.8	2.34
		20	7.56	1.13	9.02	1.36	10.5	1.60	11.2	1.73	11.9	1.86	13.4	2.15	14.8	2.50
		21	7.56	1.14	9.02	1.37	10.5	1.62	11.2	1.74	11.9	1.89	13.4	2.23	14.8	2.59
		23	7.56	1.16	9.02	1.40	10.5	1.70	11.2	1.86	11.9	2.03	13.4	2.39	14.8	2.78
		25	7.56	1.20	9.02	1.49	10.5	1.81	11.2	1.99	11.9	2.17	13.4	2.56	14.8	2.98
		27	7.56	1.27	9.02	1.59	10.5	1.93	11.2	2.12	11.9	2.31	13.4	2.73	14.8	3.19
		29	7.56	1.35	9.02	1.69	10.5	2.06	11.2	2.26	11.9	2.47	13.4	2.92	14.8	3.41
		31	7.56	1.44	9.02	1.79	10.5	2.19	11.2	2.41	11.9	2.63	13.4	3.12	14.8	3.54
		33	7.56	1.52	9.02	1.91	10.5	2.33	11.2	2.56	11.9	2.81	13.4	3.32	14.8	3.67
		35	7.56	1.62	9.02	2.03	10.5	2.48	11.2	2.73	11.9	2.99	13.4	3.54	14.7	3.81
		37	7.56	1.71	9.02	2.15	10.5	2.64	11.2	2.90	11.9	3.18	13.4	3.77	14.5	3.94
		39	7.56	1.82	9.02	2.28	10.5	2.81	11.2	3.09	11.9	3.39	13.4	4.02	14.2	4.07
70	87.5	10	6.61	0.91	7.89	1.08	9.16	1.26	9.80	1.36	10.4	1.45	11.7	1.65	13.0	1.86
		12	6.61	0.93	7.89	1.10	9.16	1.29	9.80	1.38	10.4	1.48	11.7	1.68	13.0	1.89
		14	6.61	0.94	7.89	1.12	9.16	1.31	9.80	1.41	10.4	1.51	11.7	1.72	13.0	1.93
		16	6.61	0.96	7.89	1.14	9.16	1.33	9.80	1.43	10.4	1.54	11.7	1.75	13.0	1.97
		18	6.61	0.97	7.89	1.16	9.16	1.36	9.80	1.46	10.4	1.57	11.7	1.78	13.0	2.01
		20	6.61	0.99	7.89	1.18	9.16	1.38	9.80	1.49	10.4	1.60	11.7	1.82	13.0	2.06
		21	6.61	1.00	7.89	1.19	9.16	1.40	9.80	1.50	10.4	1.61	11.7	1.85	13.0	2.14
		23	6.61	1.01	7.89	1.21	9.16	1.42	9.80	1.55	10.4	1.69	11.7	1.98	13.0	2.29
		25	6.61	1.03	7.89	1.26	9.16	1.52	9.80	1.66	10.4	1.80	11.7	2.11	13.0	2.45
		27	6.61	1.09	7.89	1.34	9.16	1.62	9.80	1.77	10.4	1.92	11.7	2.26	13.0	2.61
		29	6.61	1.16	7.89	1.43	9.16	1.72	9.80	1.88	10.4	2.05	11.7	2.41	13.0	2.79
		31	6.61	1.23	7.89	1.51	9.16	1.83	9.80	2.00	10.4	2.18	11.7	2.57	13.0	2.98
		33	6.61	1.30	7.89	1.61	9.16	1.95	9.80	2.13	10.4	2.32	11.7	2.73	13.0	3.18
		35	6.61	1.38	7.89	1.71	9.16	2.07	9.80	2.27	10.4	2.47	11.7	2.91	13.0	3.39
		37	6.61	1.46	7.89	1.81	9.16	2.20	9.80	2.41	10.4	2.63	11.7	3.10	13.0	3.61
		39	6.61	1.54	7.89	1.92	9.16	2.33	9.80	2.56	10.4	2.79	11.7	3.30	13.0	3.84
60	75	10	5.67	0.79	6.76	0.93	7.85	1.08	8.40	1.15	8.95	1.23	10.0	1.39	11.1	1.56
		12	5.67	0.81	6.76	0.95	7.85	1.10	8.40	1.17	8.95	1.25	10.0	1.42	11.1	1.59
		14	5.67	0.82	6.76	0.96	7.85	1.11	8.40	1.19	8.95	1.28	10.0	1.44	11.1	1.62
		16	5.67	0.83	6.76	0.98	7.85	1.13	8.40	1.21	8.95	1.30	10.0	1.47	11.1	1.65
		18	5.67	0.84	6.76	0.99	7.85	1.15	8.40	1.24	8.95	1.32	10.0	1.50	11.1	1.68
		20	5.67	0.85	6.76	1.01	7.85	1.17	8.40	1.26	8.95	1.35	10.0	1.53	11.1	1.72
		21	5.67	0.86	6.76	1.02	7.85	1.18	8.40	1.27	8.95	1.36	10.0	1.54	11.1	1.73
		23	5.67	0.88	6.76	1.04	7.85	1.21	8.40	1.30	8.95	1.39	10.0	1.60	11.1	1.84
		25	5.67	0.89	6.76	1.05	7.85	1.25	8.40	1.36	8.95	1.47	10.0	1.71	11.1	1.97
		27	5.67	0.92	6.76	1.12	7.85	1.33	8.40	1.45	8.95	1.57	10.0	1.83	11.1	2.10
		29	5.67	0.98	6.76	1.19	7.85	1.42	8.40	1.54	8.95	1.67	10.0	1.94	11.1	2.24
		31	5.67	1.04	6.76	1.26	7.85	1.51	8.40	1.64	8.95	1.78	10.0	2.07	11.1	2.39
		33	5.67	1.10	6.76	1.33	7.85	1.60	8.40	1.74	8.95	1.89	10.0	2.20	11.1	2.54
		35	5.67	1.16	6.76	1.41	7.85	1.70	8.40	1.85	8.95	2.01	10.0	2.34	11.1	2.71
		37	5.67	1.22	6.76	1.50	7.85	1.80	8.40	1.96	8.95	2.13	10.0	2.49	11.1	2.88
		39	5.67	1.29	6.76	1.58	7.85	1.91	8.40	2.08	8.95	2.26	10.0	2.65	11.1	3.06

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	62.5	10	4.72	0.68	5.63	0.79	6.54	0.90	7.00	0.96	7.46	1.02	8.37	1.15	9.28	1.28
		12	4.72	0.69	5.63	0.80	6.54	0.92	7.00	0.98	7.46	1.04	8.37	1.17	9.28	1.30
		14	4.72	0.70	5.63	0.81	6.54	0.93	7.00	0.99	7.46	1.06	8.37	1.19	9.28	1.33
		16	4.72	0.71	5.63	0.82	6.54	0.95	7.00	1.01	7.46	1.07	8.37	1.21	9.28	1.35
		18	4.72	0.72	5.63	0.84	6.54	0.96	7.00	1.03	7.46	1.09	8.37	1.23	9.28	1.37
		20	4.72	0.73	5.63	0.85	6.54	0.98	7.00	1.04	7.46	1.11	8.37	1.25	9.28	1.40
		21	4.72	0.74	5.63	0.86	6.54	0.99	7.00	1.05	7.46	1.12	8.37	1.27	9.28	1.41
		23	4.72	0.75	5.63	0.87	6.54	1.00	7.00	1.07	7.46	1.14	8.37	1.29	9.28	1.45
		25	4.72	0.76	5.63	0.89	6.54	1.02	7.00	1.09	7.46	1.18	8.37	1.35	9.28	1.54
		27	4.72	0.77	5.63	0.92	6.54	1.08	7.00	1.16	7.46	1.25	8.37	1.44	9.28	1.64
		29	4.72	0.81	5.63	0.97	6.54	1.14	7.00	1.24	7.46	1.33	8.37	1.53	9.28	1.75
		31	4.72	0.86	5.63	1.03	6.54	1.21	7.00	1.31	7.46	1.41	8.37	1.63	9.28	1.86
		33	4.72	0.91	5.63	1.09	6.54	1.29	7.00	1.39	7.46	1.50	8.37	1.73	9.28	1.98
		35	4.72	0.96	5.63	1.15	6.54	1.36	7.00	1.47	7.46	1.59	8.37	1.84	9.28	2.10
		37	4.72	1.01	5.63	1.22	6.54	1.44	7.00	1.56	7.46	1.69	8.37	1.95	9.28	2.24
		39	4.72	1.07	5.63	1.28	6.54	1.52	7.00	1.65	7.46	1.79	8.37	2.07	9.28	2.37

U-8MX3XPS

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	260	10	19.7	3.21	23.4	3.93	27.2	4.67	29.1	4.77	29.7	4.67	30.4	4.48	31.1	4.28
		12	19.7	3.27	23.4	4.00	27.2	4.76	29.0	4.75	29.3	4.65	30.0	4.45	30.7	4.27
		14	19.7	3.33	23.4	4.08	27.2	4.82	28.6	4.72	28.9	4.62	29.6	4.48	30.4	4.53
		16	19.7	3.39	23.4	4.16	27.2	4.80	28.2	4.70	28.6	4.69	29.3	4.74	30.0	4.78
		18	19.7	3.46	23.4	4.24	27.2	4.90	27.8	4.93	28.2	4.95	28.9	5.00	29.6	5.05
		20	19.7	3.53	23.4	4.46	27.1	5.15	27.4	5.18	27.8	5.20	28.5	5.26	29.2	5.31
		21	19.7	3.58	23.4	4.62	26.9	5.28	27.2	5.31	27.6	5.33	28.3	5.39	29.0	5.44
		23	19.7	3.85	23.4	4.97	26.5	5.53	26.9	5.56	27.2	5.59	27.9	5.65	28.6	5.70
		25	19.7	4.12	23.4	5.33	26.1	5.79	26.5	5.82	26.8	5.85	27.5	5.91	28.3	5.97
		27	19.7	4.41	23.4	5.71	25.7	6.04	26.1	6.07	26.5	6.11	27.2	6.17	27.9	6.23
		29	19.7	4.72	23.4	6.11	25.4	6.30	25.7	6.33	26.1	6.37	26.8	6.43	27.5	6.50
		31	19.7	5.04	23.4	6.48	25.0	6.55	25.3	6.59	25.7	6.63	26.4	6.70	27.1	6.77
		33	19.7	5.38	23.4	6.74	24.6	6.81	25.0	6.85	25.3	6.89	26.0	6.96	26.7	7.04
		35	19.7	5.74	23.4	6.99	24.2	7.07	24.6	7.11	24.9	7.15	25.6	7.23	26.3	7.31
		37	19.7	6.12	23.1	7.25	23.8	7.33	24.2	7.38	24.5	7.42	25.2	7.50	26.0	7.59
		39	19.7	6.52	22.7	7.51	23.4	7.59	23.8	7.64	24.2	7.68	24.9	7.77	25.6	7.86
120	240	10	18.1	2.93	21.6	3.58	25.1	4.26	26.9	4.60	28.6	4.80	29.9	4.62	30.6	4.43
		12	18.1	2.99	21.6	3.65	25.1	4.34	26.9	4.69	28.6	4.77	29.5	4.59	30.2	4.40
		14	18.1	3.04	21.6	3.72	25.1	4.42	26.9	4.78	28.5	4.75	29.1	4.56	29.8	4.49
		16	18.1	3.10	21.6	3.79	25.1	4.51	26.9	4.82	28.1	4.72	28.8	4.71	29.4	4.75
		18	18.1	3.16	21.6	3.87	25.1	4.60	26.9	4.90	27.7	4.92	28.4	4.96	29.0	5.01
		20	18.1	3.22	21.6	3.96	25.1	4.94	26.9	5.15	27.3	5.17	28.0	5.22	28.7	5.27
		21	18.1	3.25	21.6	4.11	25.1	5.13	26.8	5.27	27.2	5.30	27.8	5.35	28.5	5.40
		23	18.1	3.44	21.6	4.41	25.1	5.50	26.4	5.53	26.8	5.55	27.4	5.61	28.1	5.66
		25	18.1	3.68	21.6	4.73	25.1	5.75	26.1	5.78	26.4	5.81	27.0	5.86	27.7	5.92
		27	18.1	3.94	21.6	5.07	25.1	6.01	25.7	6.04	26.0	6.07	26.7	6.12	27.3	6.18
		29	18.1	4.21	21.6	5.43	25.0	6.26	25.3	6.29	25.6	6.32	26.3	6.38	26.9	6.45
		31	18.1	4.49	21.6	5.80	24.6	6.51	24.9	6.55	25.2	6.58	25.9	6.65	26.5	6.71
		33	18.1	4.79	21.6	6.20	24.2	6.77	24.5	6.81	24.9	6.84	25.5	6.91	26.2	6.98
		35	18.1	5.11	21.6	6.61	23.8	7.03	24.1	7.06	24.5	7.10	25.1	7.18	25.8	7.25
		37	18.1	5.44	21.6	7.06	23.4	7.29	23.8	7.32	24.1	7.36	24.7	7.44	25.4	7.52
		39	18.1	5.80	21.6	7.46	23.1	7.55	23.4	7.59	23.7	7.63	24.4	7.71	25.0	7.79
110	220	10	16.6	2.66	19.8	3.24	23.0	3.85	24.6	4.16	26.2	4.48	29.4	4.75	30.0	4.59
		12	16.6	2.71	19.8	3.30	23.0	3.92	24.6	4.24	26.2	4.56	29.0	4.73	29.6	4.56
		14	16.6	2.76	19.8	3.37	23.0	4.00	24.6	4.32	26.2	4.65	28.6	4.70	29.2	4.53
		16	16.6	2.81	19.8	3.43	23.0	4.08	24.6	4.41	26.2	4.74	28.3	4.68	28.9	4.71
		18	16.6	2.86	19.8	3.50	23.0	4.16	24.6	4.49	26.2	4.89	27.9	4.93	28.5	4.97
		20	16.6	2.92	19.8	3.57	23.0	4.34	24.6	4.80	26.2	5.14	27.5	5.18	28.1	5.23
		21	16.6	2.95	19.8	3.63	23.0	4.51	24.6	4.98	26.2	5.27	27.3	5.31	27.9	5.36
		23	16.6	3.06	19.8	3.90	23.0	4.84	24.6	5.35	26.2	5.52	26.9	5.57	27.5	5.61
		25	16.6	3.27	19.8	4.17	23.0	5.19	24.6	5.75	25.9	5.77	26.5	5.82	27.1	5.87
		27	16.6	3.50	19.8	4.47	23.0	5.56	24.6	6.00	25.6	6.02	26.2	6.08	26.8	6.13
		29	16.6	3.73	19.8	4.78	23.0	5.96	24.6	6.25	25.2	6.28	25.8	6.34	26.4	6.39
		31	16.6	3.98	19.8	5.10	23.0	6.37	24.5	6.51	24.8	6.54	25.4	6.60	26.0	6.66
		33	16.6	4.24	19.8	5.45	23.0	6.73	24.1	6.76	24.4	6.79	25.0	6.86	25.6	6.92
		35	16.6	4.52	19.8	5.81	23.0	6.98	23.7	7.02	24.0	7.05	24.6	7.12	25.2	7.19
		37	16.6	4.81	19.8	6.20	23.0	7.24	23.3	7.27	23.6	7.31	24.2	7.38	24.8	7.45
		39	16.6	5.12	19.8	6.61	22.7	7.50	23.0	7.53	23.3	7.57	23.9	7.65	24.5	7.72
100	200	10	15.1	2.40	18.0	2.91	20.9	3.45	22.4	3.73	23.9	4.01	26.8	4.58	29.5	4.74
		12	15.1	2.44	18.0	2.97	20.9	3.52	22.4	3.80	23.9	4.09	26.8	4.67	29.1	4.72
		14	15.1	2.49	18.0	3.02	20.9	3.58	22.4	3.87	23.9	4.16	26.8	4.76	28.7	4.69
		16	15.1	2.53	18.0	3.08	20.9	3.65	22.4	3.95	23.9	4.24	26.8	4.82	28.3	4.68
		18	15.1	2.58	18.0	3.14	20.9	3.72	22.4	4.02	23.9	4.33	26.8	4.90	27.9	4.93
		20	15.1	2.63	18.0	3.20	20.9	3.80	22.4	4.17	23.9	4.57	26.8	5.15	27.5	5.19
		21	15.1	2.65	18.0	3.23	20.9	3.92	22.4	4.32	23.9	4.74	26.8	5.27	27.4	5.31
		23	15.1	2.71	18.0	3.41	20.9	4.21	22.4	4.64	23.9	5.10	26.4	5.53	27.0	5.57
		25	15.1	2.88	18.0	3.65	20.9	4.51	22.4	4.98	23.9	5.47	26.0	5.78	26.6	5.83
		27	15.1	3.08	18.0	3.91	20.9	4.83	22.4	5.34	23.9	5.86	25.7	6.03	26.2	6.08
		29	15.1	3.28	18.0	4.17	20.9	5.17	22.4	5.71	23.9	6.24	25.3	6.29	25.8	6.34
		31	15.1	3.50	18.0	4.45	20.9	5.53	22.4	6.11	23.9	6.49	24.9	6.55	25.4	6.60
		33	15.1	3.73	18.0	4.75	20.9	5.90	22.4	6.53	23.9	6.75	24.5	6.80	25.1	6.86
		35	15.1	3.97	18.0	5.06	20.9	6.30	22.4	6.97	23.6	7.00	24.1	7.06	24.7	7.12
		37	15.1	4.22	18.0	5.40	20.9	6.72	22.4	7.22	23.2	7.26	23.7	7.32	24.3	7.39
		39	15.1	4.49	18.0	5.75	20.9	7.17	22.4	7.48	22.8	7.52	23.4	7.58	23.9	7.65

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	180	10	13.6	2.15	16.2	2.59	18.8	3.06	20.2	3.30	21.5	3.55	24.1	4.06	26.7	4.57
		12	13.6	2.19	16.2	2.64	18.8	3.12	20.2	3.36	21.5	3.62	24.1	4.13	26.7	4.66
		14	13.6	2.22	16.2	2.69	18.8	3.18	20.2	3.43	21.5	3.69	24.1	4.21	26.7	4.75
		16	13.6	2.26	16.2	2.74	18.8	3.24	20.2	3.49	21.5	3.76	24.1	4.29	26.7	4.82
		18	13.6	2.30	16.2	2.79	18.8	3.30	20.2	3.56	21.5	3.83	24.1	4.38	26.7	4.89
		20	13.6	2.35	16.2	2.84	18.8	3.37	20.2	3.63	21.5	3.92	24.1	4.64	26.7	5.15
		21	13.6	2.37	16.2	2.87	18.8	3.40	20.2	3.71	21.5	4.07	24.1	4.81	26.7	5.27
		23	13.6	2.41	16.2	2.96	18.8	3.63	20.2	3.99	21.5	4.37	24.1	5.17	26.4	5.52
		25	13.6	2.52	16.2	3.16	18.8	3.88	20.2	4.27	21.5	4.68	24.1	5.55	26.0	5.78
		27	13.6	2.69	16.2	3.38	18.8	4.16	20.2	4.57	21.5	5.01	24.1	5.95	25.6	6.03
		29	13.6	2.87	16.2	3.61	18.8	4.44	20.2	4.89	21.5	5.36	24.1	6.24	25.3	6.29
		31	13.6	3.05	16.2	3.85	18.8	4.74	20.2	5.23	21.5	5.73	24.1	6.50	24.9	6.54
		33	13.6	3.25	16.2	4.10	18.8	5.06	20.2	5.58	21.5	6.13	24.0	6.75	24.5	6.80
		35	13.6	3.45	16.2	4.37	18.8	5.40	20.2	5.95	21.5	6.54	23.6	7.01	24.1	7.06
		37	13.6	3.67	16.2	4.65	18.8	5.75	20.2	6.35	21.5	6.98	23.2	7.26	23.7	7.32
		39	13.6	3.90	16.2	4.95	18.8	6.13	20.2	6.77	21.5	7.44	22.9	7.52	23.4	7.58
80	160	10	12.1	1.91	14.4	2.29	16.8	2.69	17.9	2.89	19.1	3.10	21.4	3.54	23.7	3.99
		12	12.1	1.94	14.4	2.32	16.8	2.73	17.9	2.95	19.1	3.16	21.4	3.61	23.7	4.06
		14	12.1	1.97	14.4	2.37	16.8	2.78	17.9	3.00	19.1	3.22	21.4	3.68	23.7	4.14
		16	12.1	2.00	14.4	2.41	16.8	2.84	17.9	3.06	19.1	3.28	21.4	3.75	23.7	4.22
		18	12.1	2.04	14.4	2.45	16.8	2.89	17.9	3.12	19.1	3.35	21.4	3.82	23.7	4.31
		20	12.1	2.08	14.4	2.50	16.8	2.95	17.9	3.18	19.1	3.41	21.4	3.91	23.7	4.54
		21	12.1	2.09	14.4	2.52	16.8	2.97	17.9	3.21	19.1	3.45	21.4	4.05	23.7	4.71
		23	12.1	2.13	14.4	2.57	16.8	3.09	17.9	3.38	19.1	3.69	21.4	4.35	23.7	5.06
		25	12.1	2.18	14.4	2.71	16.8	3.30	17.9	3.62	19.1	3.95	21.4	4.66	23.7	5.43
		27	12.1	2.33	14.4	2.90	16.8	3.53	17.9	3.87	19.1	4.23	21.4	4.99	23.7	5.82
		29	12.1	2.48	14.4	3.09	16.8	3.77	17.9	4.14	19.1	4.52	21.4	5.34	23.7	6.24
		31	12.1	2.64	14.4	3.29	16.8	4.02	17.9	4.42	19.1	4.83	21.4	5.71	23.7	6.49
		33	12.1	2.80	14.4	3.50	16.8	4.29	17.9	4.71	19.1	5.15	21.4	6.10	23.7	6.74
		35	12.1	2.97	14.4	3.73	16.8	4.57	17.9	5.02	19.1	5.50	21.4	6.51	23.6	7.00
		37	12.1	3.16	14.4	3.96	16.8	4.86	17.9	5.35	19.1	5.86	21.4	6.95	23.2	7.25
		39	12.1	3.35	14.4	4.21	16.8	5.18	17.9	5.70	19.1	6.24	21.4	7.41	22.8	7.51
70	140	10	10.6	1.68	12.6	1.99	14.7	2.32	15.7	2.50	16.7	2.68	18.7	3.04	20.8	3.42
		12	10.6	1.70	12.6	2.02	14.7	2.36	15.7	2.54	16.7	2.72	18.7	3.10	20.8	3.48
		14	10.6	1.73	12.6	2.06	14.7	2.41	15.7	2.59	16.7	2.77	18.7	3.15	20.8	3.55
		16	10.6	1.76	12.6	2.09	14.7	2.45	15.7	2.64	16.7	2.82	18.7	3.22	20.8	3.62
		18	10.6	1.79	12.6	2.13	14.7	2.50	15.7	2.68	16.7	2.88	18.7	3.28	20.8	3.69
		20	10.6	1.82	12.6	2.17	14.7	2.54	15.7	2.74	16.7	2.93	18.7	3.34	20.8	3.76
		21	10.6	1.83	12.6	2.19	14.7	2.57	15.7	2.76	16.7	2.96	18.7	3.38	20.8	3.88
		23	10.6	1.86	12.6	2.23	14.7	2.62	15.7	2.83	16.7	3.07	18.7	3.60	20.8	4.16
		25	10.6	1.90	12.6	2.30	14.7	2.77	15.7	3.02	16.7	3.29	18.7	3.85	20.8	4.46
		27	10.6	1.99	12.6	2.45	14.7	2.96	15.7	3.23	16.7	3.52	18.7	4.12	20.8	4.78
		29	10.6	2.12	12.6	2.61	14.7	3.15	15.7	3.45	16.7	3.75	18.7	4.41	20.8	5.11
		31	10.6	2.25	12.6	2.78	14.7	3.36	15.7	3.68	16.7	4.00	18.7	4.70	20.8	5.46
		33	10.6	2.39	12.6	2.95	14.7	3.58	15.7	3.92	16.7	4.27	18.7	5.02	20.8	5.83
		35	10.6	2.53	12.6	3.14	14.7	3.81	15.7	4.17	16.7	4.55	18.7	5.35	20.8	6.23
		37	10.6	2.69	12.6	3.33	14.7	4.05	15.7	4.44	16.7	4.84	18.7	5.71	20.8	6.64
		39	10.6	2.84	12.6	3.54	14.7	4.30	15.7	4.72	16.7	5.15	18.7	6.08	20.8	7.08
60	120	10	9.07	1.46	10.8	1.71	12.6	1.98	13.4	2.12	14.3	2.27	16.1	2.56	17.8	2.87
		12	9.07	1.48	10.8	1.74	12.6	2.02	13.4	2.16	14.3	2.31	16.1	2.61	17.8	2.92
		14	9.07	1.50	10.8	1.77	12.6	2.05	13.4	2.20	14.3	2.35	16.1	2.66	17.8	2.98
		16	9.07	1.52	10.8	1.80	12.6	2.08	13.4	2.23	14.3	2.39	16.1	2.71	17.8	3.04
		18	9.07	1.55	10.8	1.83	12.6	2.12	13.4	2.27	14.3	2.43	16.1	2.76	17.8	3.09
		20	9.07	1.57	10.8	1.86	12.6	2.16	13.4	2.32	14.3	2.48	16.1	2.81	17.8	3.15
		21	9.07	1.58	10.8	1.87	12.6	2.18	13.4	2.34	14.3	2.50	16.1	2.84	17.8	3.19
		23	9.07	1.61	10.8	1.91	12.6	2.22	13.4	2.38	14.3	2.55	16.1	2.92	17.8	3.35
		25	9.07	1.64	10.8	1.94	12.6	2.29	13.4	2.48	14.3	2.69	16.1	3.12	17.8	3.59
		27	9.07	1.69	10.8	2.04	12.6	2.44	13.4	2.65	14.3	2.87	16.1	3.34	17.8	3.84
		29	9.07	1.79	10.8	2.17	12.6	2.60	13.4	2.82	14.3	3.06	16.1	3.56	17.8	4.10
		31	9.07	1.90	10.8	2.31	12.6	2.76	13.4	3.00	14.3	3.26	16.1	3.80	17.8	4.38
		33	9.07	2.01	10.8	2.45	12.6	2.94	13.4	3.20	14.3	3.47	16.1	4.05	17.8	4.67
		35	9.07	2.13	10.8	2.60	12.6	3.12	13.4	3.40	14.3	3.69	16.1	4.31	17.8	4.98
		37	9.07	2.25	10.8	2.76	12.6	3.31	13.4	3.61	14.3	3.92	16.1	4.59	17.8	5.30
		39	9.07	2.38	10.8	2.92	12.6	3.52	13.4	3.83	14.3	4.17	16.1	4.88	17.8	5.65

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	100	10	7.56	1.25	9.02	1.45	10.5	1.66	11.2	1.77	11.9	1.88	13.4	2.11	14.8	2.36
		12	7.56	1.27	9.02	1.47	10.5	1.69	11.2	1.80	11.9	1.91	13.4	2.15	14.8	2.40
		14	7.56	1.29	9.02	1.49	10.5	1.71	11.2	1.83	11.9	1.94	13.4	2.19	14.8	2.44
		16	7.56	1.31	9.02	1.52	10.5	1.74	11.2	1.86	11.9	1.98	13.4	2.22	14.8	2.48
		18	7.56	1.32	9.02	1.54	10.5	1.77	11.2	1.89	11.9	2.01	13.4	2.26	14.8	2.53
		20	7.56	1.34	9.02	1.56	10.5	1.80	11.2	1.92	11.9	2.05	13.4	2.31	14.8	2.58
		21	7.56	1.35	9.02	1.58	10.5	1.81	11.2	1.94	11.9	2.06	13.4	2.33	14.8	2.60
		23	7.56	1.37	9.02	1.60	10.5	1.85	11.2	1.97	11.9	2.10	13.4	2.37	14.8	2.65
		25	7.56	1.39	9.02	1.63	10.5	1.88	11.2	2.01	11.9	2.15	13.4	2.47	14.8	2.81
		27	7.56	1.42	9.02	1.68	10.5	1.97	11.2	2.13	11.9	2.29	13.4	2.63	14.8	3.01
		29	7.56	1.49	9.02	1.78	10.5	2.09	11.2	2.26	11.9	2.44	13.4	2.81	14.8	3.21
		31	7.56	1.58	9.02	1.89	10.5	2.22	11.2	2.40	11.9	2.59	13.4	2.99	14.8	3.42
		33	7.56	1.67	9.02	2.00	10.5	2.36	11.2	2.55	11.9	2.75	13.4	3.18	14.8	3.64
		35	7.56	1.76	9.02	2.12	10.5	2.50	11.2	2.71	11.9	2.92	13.4	3.38	14.8	3.87
		37	7.56	1.86	9.02	2.24	10.5	2.65	11.2	2.87	11.9	3.10	13.4	3.59	14.8	4.12
		39	7.56	1.97	9.02	2.37	10.5	2.81	11.2	3.05	11.9	3.29	13.4	3.81	14.8	4.38

U-10MX3XPS

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130	325	10	24.6	4.14	29.3	5.07	34.0	6.03	36.4	6.16	37.1	6.04	38.0	5.78	38.9	5.52
		12	24.6	4.22	29.3	5.17	34.0	6.15	36.2	6.13	36.7	6.00	37.5	5.74	38.4	5.65
		14	24.6	4.30	29.3	5.27	34.0	6.23	35.7	6.10	36.2	5.97	37.1	5.92	37.9	5.97
		16	24.6	4.38	29.3	5.37	34.0	6.19	35.3	6.15	35.7	6.18	36.6	6.24	37.5	6.30
		18	24.6	4.47	29.3	5.48	34.0	6.43	34.8	6.46	35.2	6.50	36.1	6.56	37.0	6.62
		20	24.6	4.56	29.3	5.83	33.9	6.75	34.3	6.78	34.7	6.81	35.6	6.88	36.5	6.95
		21	24.6	4.69	29.3	6.04	33.6	6.90	34.1	6.94	34.5	6.97	35.4	7.04	36.3	7.11
		23	24.6	5.02	29.3	6.48	33.1	7.22	33.6	7.25	34.0	7.29	34.9	7.36	35.8	7.44
		25	24.6	5.36	29.3	6.94	32.7	7.53	33.1	7.57	33.5	7.61	34.4	7.69	35.3	7.77
		27	24.6	5.73	29.3	7.42	32.2	7.85	32.6	7.89	33.1	7.93	34.0	8.02	34.8	8.10
		29	24.6	6.12	29.3	7.93	31.7	8.17	32.1	8.21	32.6	8.26	33.5	8.34	34.4	8.43
		31	24.6	6.52	29.3	8.40	31.2	8.49	31.7	8.53	32.1	8.58	33.0	8.67	33.9	8.77
		33	24.6	6.95	29.3	8.71	30.7	8.81	31.2	8.86	31.6	8.91	32.5	9.01	33.4	9.10
		35	24.6	7.41	29.3	9.03	30.3	9.13	30.7	9.18	31.2	9.24	32.0	9.34	32.9	9.44
		37	24.6	7.89	28.9	9.35	29.8	9.46	30.2	9.51	30.7	9.57	31.6	9.67	32.4	9.78
		39	24.6	8.40	28.4	9.67	29.3	9.78	29.8	9.84	30.2	9.90	31.1	10.0	32.0	10.1
120	300	10	22.7	3.79	27.0	4.63	31.4	5.50	33.6	5.95	35.8	6.19	37.4	5.96	38.2	5.73
		12	22.7	3.86	27.0	4.71	31.4	5.60	33.6	6.06	35.8	6.16	36.9	5.93	37.7	5.69
		14	22.7	3.93	27.0	4.80	31.4	5.71	33.6	6.17	35.6	6.13	36.4	5.89	37.3	5.93
		16	22.7	4.00	27.0	4.90	31.4	5.82	33.6	6.22	35.1	6.14	36.0	6.20	36.8	6.25
		18	22.7	4.08	27.0	4.99	31.4	6.02	33.6	6.43	34.7	6.46	35.5	6.51	36.3	6.57
		20	22.7	4.16	27.0	5.19	31.4	6.47	33.6	6.74	34.2	6.77	35.0	6.83	35.8	6.89
		21	22.7	4.20	27.0	5.37	31.4	6.71	33.5	6.90	33.9	6.93	34.8	6.99	35.6	7.06
		23	22.7	4.49	27.0	5.76	31.4	7.18	33.1	7.21	33.5	7.24	34.3	7.31	35.1	7.38
		25	22.7	4.79	27.0	6.16	31.4	7.49	32.6	7.53	33.0	7.56	33.8	7.63	34.6	7.71
		27	22.7	5.12	27.0	6.59	31.4	7.80	32.1	7.84	32.5	7.88	33.3	7.96	34.1	8.03
		29	22.7	5.46	27.0	7.04	31.2	8.12	31.6	8.16	32.0	8.20	32.8	8.28	33.7	8.36
		31	22.7	5.82	27.0	7.51	30.7	8.44	31.1	8.48	31.6	8.52	32.4	8.61	33.2	8.69
		33	22.7	6.20	27.0	8.01	30.3	8.76	30.7	8.80	31.1	8.85	31.9	8.94	32.7	9.03
		35	22.7	6.60	27.0	8.54	29.8	9.07	30.2	9.12	30.6	9.17	31.4	9.27	32.2	9.36
		37	22.7	7.02	27.0	9.10	29.3	9.40	29.7	9.45	30.1	9.50	30.9	9.60	31.8	9.70
		39	22.7	7.47	27.0	9.61	28.8	9.72	29.2	9.77	29.6	9.82	30.5	9.93	31.3	10.0
110	275	10	20.8	3.44	24.8	4.19	28.8	4.97	30.8	5.37	32.8	5.78	36.8	6.14	37.5	5.93
		12	20.8	3.50	24.8	4.26	28.8	5.07	30.8	5.48	32.8	5.89	36.3	6.11	37.0	5.89
		14	20.8	3.56	24.8	4.35	28.8	5.16	30.8	5.58	32.8	6.00	35.8	6.07	36.6	5.89
		16	20.8	3.63	24.8	4.43	28.8	5.26	30.8	5.69	32.8	6.12	35.3	6.16	36.1	6.21
		18	20.8	3.70	24.8	4.52	28.8	5.37	30.8	5.85	32.8	6.42	34.9	6.47	35.6	6.52
		20	20.8	3.77	24.8	4.61	28.8	5.69	30.8	6.28	32.8	6.73	34.4	6.79	35.1	6.84
		21	20.8	3.81	24.8	4.75	28.8	5.89	30.8	6.51	32.8	6.88	34.1	6.94	34.9	7.00
		23	20.8	3.99	24.8	5.08	28.8	6.31	30.8	6.98	32.8	7.20	33.7	7.26	34.4	7.32
		25	20.8	4.26	24.8	5.43	28.8	6.76	30.8	7.48	32.4	7.51	33.2	7.58	33.9	7.65
		27	20.8	4.54	24.8	5.81	28.8	7.23	30.8	7.79	31.9	7.83	32.7	7.90	33.4	7.97
		29	20.8	4.84	24.8	6.20	28.8	7.73	30.8	8.11	31.5	8.15	32.2	8.22	33.0	8.29
		31	20.8	5.15	24.8	6.61	28.8	8.25	30.6	8.42	31.0	8.46	31.7	8.54	32.5	8.62
		33	20.8	5.49	24.8	7.05	28.8	8.70	30.1	8.74	30.5	8.78	31.3	8.87	32.0	8.95
		35	20.8	5.84	24.8	7.51	28.8	9.02	29.7	9.06	30.0	9.10	30.8	9.19	31.5	9.28
		37	20.8	6.21	24.8	7.99	28.8	9.34	29.2	9.38	29.6	9.43	30.3	9.52	31.1	9.61
		39	20.8	6.60	24.8	8.51	28.3	9.65	28.7	9.70	29.1	9.75	29.8	9.85	30.6	9.95
100	250	10	18.9	3.10	22.5	3.76	26.2	4.46	28.0	4.81	29.8	5.18	33.5	5.92	36.8	6.12
		12	18.9	3.16	22.5	3.83	26.2	4.54	28.0	4.90	29.8	5.28	33.5	6.03	36.3	6.09
		14	18.9	3.21	22.5	3.90	26.2	4.63	28.0	5.00	29.8	5.38	33.5	6.14	35.9	6.06
		16	18.9	3.27	22.5	3.97	26.2	4.71	28.0	5.10	29.8	5.48	33.5	6.23	35.4	6.16
		18	18.9	3.33	22.5	4.05	26.2	4.81	28.0	5.20	29.8	5.59	33.5	6.43	34.9	6.47
		20	18.9	3.39	22.5	4.13	26.2	4.95	28.0	5.46	29.8	5.99	33.5	6.74	34.4	6.79
		21	18.9	3.43	22.5	4.17	26.2	5.13	28.0	5.65	29.8	6.20	33.5	6.89	34.2	6.95
		23	18.9	3.52	22.5	4.45	26.2	5.49	28.0	6.06	29.8	6.65	33.0	7.21	33.7	7.27
		25	18.9	3.75	22.5	4.75	26.2	5.88	28.0	6.49	29.8	7.12	32.6	7.52	33.2	7.58
		27	18.9	4.00	22.5	5.07	26.2	6.28	28.0	6.93	29.8	7.62	32.1	7.84	32.8	7.90
		29	18.9	4.26	22.5	5.41	26.2	6.71	28.0	7.41	29.8	8.09	31.6	8.16	32.3	8.23
		31	18.9	4.53	22.5	5.77	26.2	7.16	28.0	7.91	29.8	8.41	31.1	8.48	31.8	8.55
		33	18.9	4.82	22.5	6.14	26.2	7.63	28.0	8.44	29.8	8.72	30.6	8.80	31.3	8.87
		35	18.9	5.12	22.5	6.54	26.2	8.14	28.0	9.00	29.5	9.04	30.2	9.12	30.8	9.20
		37	18.9	5.44	22.5	6.96	26.2	8.67	28.0	9.32	29.0	9.36	29.7	9.44	30.4	9.53
		39	18.9	5.78	22.5	7.40	26.2	9.23	28.0	9.64	28.5	9.68	29.2	9.77	29.9	9.86

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	225	10	17.0	2.78	20.3	3.35	23.6	3.95	25.2	4.27	26.8	4.58	30.1	5.24	33.4	5.90
		12	17.0	2.82	20.3	3.41	23.6	4.03	25.2	4.35	26.8	4.67	30.1	5.34	33.4	6.01
		14	17.0	2.87	20.3	3.47	23.6	4.10	25.2	4.43	26.8	4.76	30.1	5.44	33.4	6.13
		16	17.0	2.92	20.3	3.53	23.6	4.18	25.2	4.51	26.8	4.85	30.1	5.54	33.4	6.23
		18	17.0	2.97	20.3	3.60	23.6	4.26	25.2	4.60	26.8	4.95	30.1	5.65	33.4	6.42
		20	17.0	3.03	20.3	3.67	23.6	4.35	25.2	4.69	26.8	5.13	30.1	6.08	33.4	6.74
		21	17.0	3.06	20.3	3.71	23.6	4.42	25.2	4.86	26.8	5.32	30.1	6.30	33.4	6.89
		23	17.0	3.12	20.3	3.86	23.6	4.73	25.2	5.20	26.8	5.69	30.1	6.75	33.0	7.21
		25	17.0	3.28	20.3	4.12	23.6	5.06	25.2	5.56	26.8	6.09	30.1	7.23	32.5	7.52
		27	17.0	3.49	20.3	4.39	23.6	5.40	25.2	5.94	26.8	6.51	30.1	7.74	32.1	7.84
		29	17.0	3.72	20.3	4.68	23.6	5.76	25.2	6.35	26.8	6.96	30.1	8.10	31.6	8.16
		31	17.0	3.95	20.3	4.99	23.6	6.14	25.2	6.77	26.8	7.43	30.1	8.41	31.1	8.48
		33	17.0	4.20	20.3	5.30	23.6	6.55	25.2	7.22	26.8	7.92	30.0	8.73	30.6	8.80
		35	17.0	4.46	20.3	5.64	23.6	6.97	25.2	7.69	26.8	8.44	29.5	9.05	30.1	9.12
		37	17.0	4.73	20.3	6.00	23.6	7.42	25.2	8.19	26.8	9.00	29.1	9.37	29.7	9.44
		39	17.0	5.02	20.3	6.37	23.6	7.90	25.2	8.72	26.8	9.59	28.6	9.69	29.2	9.77
80	200	10	15.1	2.46	18.0	2.95	20.9	3.47	22.4	3.74	23.9	4.01	26.8	4.57	29.7	5.15
		12	15.1	2.50	18.0	3.00	20.9	3.53	22.4	3.80	23.9	4.08	26.8	4.66	29.7	5.25
		14	15.1	2.55	18.0	3.05	20.9	3.59	22.4	3.87	23.9	4.16	26.8	4.75	29.7	5.35
		16	15.1	2.59	18.0	3.11	20.9	3.66	22.4	3.95	23.9	4.24	26.8	4.84	29.7	5.45
		18	15.1	2.63	18.0	3.17	20.9	3.73	22.4	4.02	23.9	4.32	26.8	4.93	29.7	5.56
		20	15.1	2.68	18.0	3.23	20.9	3.80	22.4	4.10	23.9	4.41	26.8	5.11	29.7	5.95
		21	15.1	2.70	18.0	3.26	20.9	3.84	22.4	4.14	23.9	4.50	26.8	5.30	29.7	6.16
		23	15.1	2.75	18.0	3.32	20.9	4.03	22.4	4.41	23.9	4.81	26.8	5.67	29.7	6.61
		25	15.1	2.84	18.0	3.53	20.9	4.30	22.4	4.71	23.9	5.15	26.8	6.07	29.7	7.07
		27	15.1	3.02	18.0	3.76	20.9	4.59	22.4	5.03	23.9	5.50	26.8	6.49	29.7	7.57
		29	15.1	3.21	18.0	4.01	20.9	4.89	22.4	5.37	23.9	5.87	26.8	6.93	29.7	8.09
		31	15.1	3.41	18.0	4.26	20.9	5.21	22.4	5.72	23.9	6.25	26.8	7.40	29.7	8.40
		33	15.1	3.62	18.0	4.53	20.9	5.54	22.4	6.09	23.9	6.66	26.8	7.89	29.7	8.72
		35	15.1	3.84	18.0	4.81	20.9	5.90	22.4	6.48	23.9	7.10	26.8	8.41	29.5	9.04
		37	15.1	4.07	18.0	5.11	20.9	6.27	22.4	6.90	23.9	7.56	26.8	8.96	29.0	9.36
		39	15.1	4.31	18.0	5.42	20.9	6.67	22.4	7.34	23.9	8.04	26.8	9.55	28.5	9.68
70	175	10	13.2	2.17	15.8	2.57	18.3	3.00	19.6	3.23	20.9	3.45	23.4	3.93	26.0	4.42
		12	13.2	2.20	15.8	2.61	18.3	3.05	19.6	3.28	20.9	3.52	23.4	4.00	26.0	4.50
		14	13.2	2.23	15.8	2.66	18.3	3.11	19.6	3.34	20.9	3.58	23.4	4.07	26.0	4.58
		16	13.2	2.27	15.8	2.70	18.3	3.16	19.6	3.40	20.9	3.65	23.4	4.15	26.0	4.67
		18	13.2	2.31	15.8	2.75	18.3	3.22	19.6	3.47	20.9	3.72	23.4	4.23	26.0	4.76
		20	13.2	2.35	15.8	2.80	18.3	3.28	19.6	3.53	20.9	3.79	23.4	4.32	26.0	4.90
		21	13.2	2.37	15.8	2.83	18.3	3.31	19.6	3.57	20.9	3.83	23.4	4.38	26.0	5.07
		23	13.2	2.41	15.8	2.88	18.3	3.38	19.6	3.69	20.9	4.01	23.4	4.69	26.0	5.43
		25	13.2	2.45	15.8	2.99	18.3	3.61	19.6	3.94	20.9	4.28	23.4	5.02	26.0	5.81
		27	13.2	2.59	15.8	3.18	18.3	3.84	19.6	4.20	20.9	4.57	23.4	5.36	26.0	6.21
		29	13.2	2.75	15.8	3.39	18.3	4.09	19.6	4.47	20.9	4.87	23.4	5.71	26.0	6.63
		31	13.2	2.91	15.8	3.60	18.3	4.35	19.6	4.76	20.9	5.18	23.4	6.09	26.0	7.07
		33	13.2	3.09	15.8	3.82	18.3	4.63	19.6	5.06	20.9	5.52	23.4	6.49	26.0	7.54
		35	13.2	3.27	15.8	4.05	18.3	4.92	19.6	5.38	20.9	5.87	23.4	6.91	26.0	8.04
		37	13.2	3.46	15.8	4.30	18.3	5.22	19.6	5.72	20.9	6.24	23.4	7.36	26.0	8.57
		39	13.2	3.66	15.8	4.55	18.3	5.54	19.6	6.08	20.9	6.64	23.4	7.83	26.0	9.12
60	150	10	11.3	1.88	13.5	2.21	15.7	2.56	16.8	2.74	17.9	2.93	20.1	3.31	22.3	3.71
		12	11.3	1.91	13.5	2.25	15.7	2.60	16.8	2.79	17.9	2.98	20.1	3.37	22.3	3.78
		14	11.3	1.94	13.5	2.28	15.7	2.65	16.8	2.84	17.9	3.03	20.1	3.43	22.3	3.85
		16	11.3	1.97	13.5	2.32	15.7	2.69	16.8	2.88	17.9	3.08	20.1	3.49	22.3	3.92
		18	11.3	2.00	13.5	2.36	15.7	2.74	16.8	2.94	17.9	3.14	20.1	3.56	22.3	4.00
		20	11.3	2.03	13.5	2.40	15.7	2.79	16.8	2.99	17.9	3.20	20.1	3.63	22.3	4.07
		21	11.3	2.05	13.5	2.42	15.7	2.81	16.8	3.02	17.9	3.23	20.1	3.66	22.3	4.11
		23	11.3	2.08	13.5	2.46	15.7	2.87	16.8	3.08	17.9	3.29	20.1	3.81	22.3	4.37
		25	11.3	2.11	13.5	2.50	15.7	2.98	16.8	3.23	17.9	3.50	20.1	4.06	22.3	4.67
		27	11.3	2.19	13.5	2.66	15.7	3.17	16.8	3.44	17.9	3.73	20.1	4.33	22.3	4.99
		29	11.3	2.32	13.5	2.82	15.7	3.37	16.8	3.66	17.9	3.97	20.1	4.62	22.3	5.32
		31	11.3	2.46	13.5	2.99	15.7	3.58	16.8	3.89	17.9	4.22	20.1	4.92	22.3	5.67
		33	11.3	2.60	13.5	3.17	15.7	3.80	16.8	4.13	17.9	4.48	20.1	5.23	22.3	6.04
		35	11.3	2.75	13.5	3.36	15.7	4.03	16.8	4.39	17.9	4.76	20.1	5.56	22.3	6.43
		37	11.3	2.91	13.5	3.55	15.7	4.27	16.8	4.66	17.9	5.06	20.1	5.91	22.3	6.84
		39	11.3	3.07	13.5	3.76	15.7	4.53	16.8	4.94	17.9	5.37	20.1	6.28	22.3	7.27

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	125	10	9.45	1.62	11.3	1.87	13.1	2.15	14.0	2.29	14.9	2.43	16.7	2.73	18.6	3.04
		12	9.45	1.64	11.3	1.90	13.1	2.18	14.0	2.32	14.9	2.47	16.7	2.78	18.6	3.09
		14	9.45	1.66	11.3	1.93	13.1	2.21	14.0	2.36	14.9	2.51	16.7	2.82	18.6	3.15
		16	9.45	1.69	11.3	1.96	13.1	2.25	14.0	2.40	14.9	2.55	16.7	2.87	18.6	3.21
		18	9.45	1.71	11.3	1.99	13.1	2.28	14.0	2.44	14.9	2.60	16.7	2.92	18.6	3.26
		20	9.45	1.73	11.3	2.02	13.1	2.32	14.0	2.48	14.9	2.64	16.7	2.98	18.6	3.33
		21	9.45	1.75	11.3	2.03	13.1	2.34	14.0	2.50	14.9	2.67	16.7	3.01	18.6	3.36
		23	9.45	1.77	11.3	2.07	13.1	2.38	14.0	2.55	14.9	2.71	16.7	3.06	18.6	3.44
		25	9.45	1.80	11.3	2.10	13.1	2.43	14.0	2.60	14.9	2.80	16.7	3.22	18.6	3.66
		27	9.45	1.83	11.3	2.18	13.1	2.56	14.0	2.76	14.9	2.98	16.7	3.42	18.6	3.91
		29	9.45	1.93	11.3	2.31	13.1	2.72	14.0	2.93	14.9	3.16	16.7	3.64	18.6	4.16
		31	9.45	2.04	11.3	2.44	13.1	2.88	14.0	3.11	14.9	3.36	16.7	3.87	18.6	4.42
		33	9.45	2.16	11.3	2.58	13.1	3.05	14.0	3.30	14.9	3.56	16.7	4.11	18.6	4.70
		35	9.45	2.28	11.3	2.73	13.1	3.23	14.0	3.50	14.9	3.78	16.7	4.36	18.6	5.00
		37	9.45	2.40	11.3	2.89	13.1	3.42	14.0	3.71	14.9	4.00	16.7	4.63	18.6	5.31
		39	9.45	2.53	11.3	3.05	13.1	3.62	14.0	3.92	14.9	4.24	16.7	4.91	18.6	5.64

U-12MX3XPS

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	390	10	29.4	4.86	35.1	5.95	40.7	7.07	43.6	7.22	44.4	7.07	45.5	6.78	46.5	6.47
		12	29.4	4.95	35.1	6.06	40.7	7.21	43.3	7.18	43.9	7.04	44.9	6.73	46.0	6.63
		14	29.4	5.04	35.1	6.17	40.7	7.30	42.8	7.15	43.3	6.99	44.3	6.94	45.4	7.00
		16	29.4	5.14	35.1	6.30	40.7	7.26	42.2	7.21	42.7	7.24	43.8	7.31	44.8	7.38
		18	29.4	5.24	35.1	6.42	40.7	7.54	41.6	7.58	42.1	7.61	43.2	7.69	44.3	7.76
		20	29.4	5.34	35.1	6.84	40.5	7.91	41.0	7.95	41.6	7.99	42.6	8.06	43.7	8.14
		21	29.4	5.49	35.1	7.08	40.2	8.09	40.7	8.13	41.3	8.17	42.3	8.25	43.4	8.33
		23	29.4	5.88	35.1	7.59	39.6	8.46	40.2	8.50	40.7	8.55	41.8	8.63	42.8	8.72
		25	29.4	6.29	35.1	8.13	39.1	8.83	39.6	8.88	40.1	8.92	41.2	9.01	42.3	9.11
		27	29.4	6.72	35.1	8.70	38.5	9.20	39.0	9.25	39.6	9.30	40.6	9.40	41.7	9.49
		29	29.4	7.17	35.1	9.30	37.9	9.58	38.5	9.63	39.0	9.68	40.0	9.78	41.1	9.88
		31	29.4	7.65	35.1	9.84	37.4	9.95	37.9	10.0	38.4	10.1	39.5	10.2	40.5	10.3
		33	29.4	8.15	35.1	10.2	36.8	10.3	37.3	10.4	37.8	10.4	38.9	10.6	40.0	10.7
		35	29.4	8.68	35.1	10.6	36.2	10.7	36.7	10.8	37.3	10.8	38.3	10.9	39.4	11.1
		37	29.4	9.25	34.6	11.0	35.6	11.1	36.2	11.1	36.7	11.2	37.8	11.3	38.8	11.5
		39	29.4	9.84	34.0	11.3	35.1	11.5	35.6	11.5	36.1	11.6	37.2	11.7	38.2	11.9
120	360	10	27.1	4.44	32.4	5.42	37.6	6.45	40.2	6.97	42.8	7.26	44.7	6.99	45.7	6.71
		12	27.1	4.52	32.4	5.52	37.6	6.57	40.2	7.10	42.8	7.22	44.2	6.95	45.1	6.66
		14	27.1	4.60	32.4	5.63	37.6	6.69	40.2	7.24	42.6	7.19	43.6	6.90	44.6	6.95
		16	27.1	4.69	32.4	5.74	37.6	6.83	40.2	7.29	42.0	7.20	43.0	7.26	44.0	7.33
		18	27.1	4.78	32.4	5.85	37.6	7.06	40.2	7.53	41.5	7.57	42.4	7.64	43.4	7.70
		20	27.1	4.88	32.4	6.08	37.6	7.59	40.2	7.90	40.9	7.94	41.9	8.01	42.9	8.08
		21	27.1	4.92	32.4	6.30	37.6	7.86	40.1	8.08	40.6	8.12	41.6	8.20	42.6	8.27
		23	27.1	5.26	32.4	6.75	37.6	8.41	39.5	8.45	40.0	8.49	41.0	8.57	42.0	8.65
		25	27.1	5.62	32.4	7.22	37.6	8.78	39.0	8.82	39.5	8.86	40.4	8.95	41.4	9.03
		27	27.1	6.00	32.4	7.72	37.6	9.15	38.4	9.19	38.9	9.24	39.9	9.33	40.8	9.42
		29	27.1	6.40	32.4	8.25	37.3	9.52	37.8	9.57	38.3	9.61	39.3	9.71	40.3	9.80
		31	27.1	6.82	32.4	8.80	36.8	9.89	37.3	9.94	37.7	9.99	38.7	10.1	39.7	10.2
		33	27.1	7.26	32.4	9.39	36.2	10.3	36.7	10.3	37.2	10.4	38.2	10.5	39.1	10.6
		35	27.1	7.73	32.4	10.0	35.6	10.6	36.1	10.7	36.6	10.7	37.6	10.9	38.6	11.0
		37	27.1	8.23	32.4	10.7	35.1	11.0	35.5	11.1	36.0	11.1	37.0	11.2	38.0	11.4
		39	27.1	8.76	32.4	11.3	34.5	11.4	35.0	11.5	35.5	11.5	36.4	11.6	37.4	11.8
110	330	10	24.9	4.03	29.7	4.91	34.5	5.83	36.9	6.30	39.2	6.78	44.0	7.20	44.9	6.95
		12	24.9	4.10	29.7	5.00	34.5	5.94	36.9	6.42	39.2	6.91	43.4	7.16	44.3	6.90
		14	24.9	4.18	29.7	5.09	34.5	6.05	36.9	6.54	39.2	7.04	42.8	7.12	43.7	6.90
		16	24.9	4.26	29.7	5.19	34.5	6.17	36.9	6.67	39.2	7.18	42.3	7.22	43.2	7.27
		18	24.9	4.34	29.7	5.29	34.5	6.29	36.9	6.85	39.2	7.52	41.7	7.58	42.6	7.65
		20	24.9	4.42	29.7	5.40	34.5	6.67	36.9	7.37	39.2	7.89	41.1	7.95	42.0	8.02
		21	24.9	4.46	29.7	5.56	34.5	6.91	36.9	7.63	39.2	8.07	40.8	8.14	41.7	8.21
		23	24.9	4.67	29.7	5.96	34.5	7.40	36.9	8.18	39.2	8.44	40.3	8.51	41.2	8.58
		25	24.9	4.99	29.7	6.37	34.5	7.93	36.9	8.77	38.8	8.81	39.7	8.88	40.6	8.96
		27	24.9	5.32	29.7	6.81	34.5	8.48	36.9	9.14	38.2	9.18	39.1	9.26	40.0	9.34
		29	24.9	5.67	29.7	7.26	34.5	9.06	36.9	9.51	37.7	9.55	38.6	9.64	39.4	9.72
		31	24.9	6.04	29.7	7.75	34.5	9.67	36.6	9.88	37.1	9.92	38.0	10.0	38.9	10.1
		33	24.9	6.43	29.7	8.26	34.5	10.2	36.1	10.2	36.5	10.3	37.4	10.4	38.3	10.5
		35	24.9	6.84	29.7	8.80	34.5	10.6	35.5	10.6	35.9	10.7	36.8	10.8	37.7	10.9
		37	24.9	7.27	29.7	9.37	34.5	10.9	34.9	11.0	35.4	11.1	36.3	11.2	37.2	11.3
		39	24.9	7.73	29.7	9.98	33.9	11.3	34.3	11.4	34.8	11.4	35.7	11.5	36.6	11.7
100	300	10	22.6	3.64	27.0	4.41	31.3	5.22	33.5	5.64	35.7	6.07	40.0	6.94	44.1	7.18
		12	22.6	3.70	27.0	4.49	31.3	5.32	33.5	5.75	35.7	6.18	40.0	7.07	43.5	7.14
		14	22.6	3.76	27.0	4.57	31.3	5.42	33.5	5.86	35.7	6.30	40.0	7.20	42.9	7.10
		16	22.6	3.83	27.0	4.66	31.3	5.53	33.5	5.97	35.7	6.43	40.0	7.30	42.3	7.22
		18	22.6	3.90	27.0	4.75	31.3	5.64	33.5	6.09	35.7	6.55	40.0	7.53	41.8	7.59
		20	22.6	3.98	27.0	4.84	31.3	5.81	33.5	6.40	35.7	7.02	40.0	7.90	41.2	7.96
		21	22.6	4.02	27.0	4.89	31.3	6.01	33.5	6.63	35.7	7.27	40.0	8.08	40.9	8.14
		23	22.6	4.12	27.0	5.22	31.3	6.44	33.5	7.10	35.7	7.80	39.5	8.45	40.3	8.52
		25	22.6	4.40	27.0	5.57	31.3	6.89	33.5	7.60	35.7	8.35	38.9	8.82	39.8	8.89
		27	22.6	4.69	27.0	5.95	31.3	7.36	33.5	8.13	35.7	8.93	38.4	9.19	39.2	9.27
		29	22.6	4.99	27.0	6.34	31.3	7.86	33.5	8.68	35.7	9.48	37.8	9.56	38.6	9.64
		31	22.6	5.31	27.0	6.76	31.3	8.39	33.5	9.27	35.7	9.85	37.2	9.94	38.0	10.0
		33	22.6	5.65	27.0	7.20	31.3	8.95	33.5	9.89	35.7	10.2	36.7	10.3	37.5	10.4
		35	22.6	6.01	27.0	7.67	31.3	9.54	33.5	10.6	35.3	10.6	36.1	10.7	36.9	10.8
		37	22.6	6.38	27.0	8.16	31.3	10.2	33.5	10.9	34.7	11.0	35.5	11.1	36.3	11.2
		39	22.6	6.78	27.0	8.68	31.3	10.8	33.5	11.3	34.1	11.3	34.9	11.5	35.8	11.6

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	270	10	20.3	3.25	24.3	3.92	28.2	4.63	30.2	5.00	32.1	5.37	36.0	6.14	40.0	6.92
		12	20.3	3.31	24.3	3.99	28.2	4.72	30.2	5.09	32.1	5.47	36.0	6.25	40.0	7.05
		14	20.3	3.37	24.3	4.07	28.2	4.81	30.2	5.19	32.1	5.58	36.0	6.37	40.0	7.18
		16	20.3	3.43	24.3	4.14	28.2	4.90	30.2	5.29	32.1	5.69	36.0	6.50	40.0	7.30
		18	20.3	3.49	24.3	4.22	28.2	4.99	30.2	5.39	32.1	5.80	36.0	6.63	40.0	7.53
		20	20.3	3.55	24.3	4.30	28.2	5.09	30.2	5.50	32.1	6.02	36.0	7.12	40.0	7.90
		21	20.3	3.58	24.3	4.34	28.2	5.18	30.2	5.69	32.1	6.23	36.0	7.38	40.0	8.08
		23	20.3	3.65	24.3	4.52	28.2	5.55	30.2	6.10	32.1	6.68	36.0	7.91	39.5	8.45
		25	20.3	3.85	24.3	4.83	28.2	5.93	30.2	6.52	32.1	7.14	36.0	8.47	38.9	8.82
		27	20.3	4.10	24.3	5.15	28.2	6.33	30.2	6.97	32.1	7.64	36.0	9.07	38.4	9.19
		29	20.3	4.36	24.3	5.49	28.2	6.75	30.2	7.44	32.1	8.16	36.0	9.49	37.8	9.56
		31	20.3	4.63	24.3	5.84	28.2	7.20	30.2	7.93	32.1	8.70	36.0	9.86	37.2	9.94
		33	20.3	4.92	24.3	6.22	28.2	7.67	30.2	8.46	32.1	9.28	35.9	10.2	36.6	10.3
		35	20.3	5.23	24.3	6.61	28.2	8.17	30.2	9.01	32.1	9.90	35.3	10.6	36.1	10.7
		37	20.3	5.55	24.3	7.03	28.2	8.70	30.2	9.60	32.1	10.5	34.8	11.0	35.5	11.1
		39	20.3	5.88	24.3	7.47	28.2	9.26	30.2	10.2	32.1	11.2	34.2	11.4	34.9	11.4
80	240	10	18.1	2.89	21.6	3.46	25.1	4.06	26.8	4.38	28.5	4.70	32.0	5.36	35.5	6.04
		12	18.1	2.94	21.6	3.52	25.1	4.14	26.8	4.46	28.5	4.79	32.0	5.46	35.5	6.15
		14	18.1	2.98	21.6	3.58	25.1	4.21	26.8	4.54	28.5	4.88	32.0	5.56	35.5	6.27
		16	18.1	3.03	21.6	3.64	25.1	4.29	26.8	4.63	28.5	4.97	32.0	5.67	35.5	6.39
		18	18.1	3.09	21.6	3.71	25.1	4.37	26.8	4.72	28.5	5.07	32.0	5.78	35.5	6.52
		20	18.1	3.14	21.6	3.78	25.1	4.46	26.8	4.81	28.5	5.17	32.0	5.99	35.5	6.97
		21	18.1	3.17	21.6	3.82	25.1	4.50	26.8	4.86	28.5	5.27	32.0	6.21	35.5	7.22
		23	18.1	3.23	21.6	3.89	25.1	4.72	26.8	5.17	28.5	5.64	32.0	6.65	35.5	7.74
		25	18.1	3.33	21.6	4.14	25.1	5.04	26.8	5.53	28.5	6.03	32.0	7.12	35.5	8.29
		27	18.1	3.55	21.6	4.41	25.1	5.38	26.8	5.90	28.5	6.44	32.0	7.61	35.5	8.87
		29	18.1	3.77	21.6	4.70	25.1	5.73	26.8	6.29	28.5	6.88	32.0	8.13	35.5	9.48
		31	18.1	4.00	21.6	5.00	25.1	6.11	26.8	6.70	28.5	7.33	32.0	8.67	35.5	9.85
		33	18.1	4.24	21.6	5.31	25.1	6.50	26.8	7.14	28.5	7.81	32.0	9.25	35.5	10.2
		35	18.1	4.50	21.6	5.64	25.1	6.91	26.8	7.60	28.5	8.32	32.0	9.86	35.2	10.6
		37	18.1	4.77	21.6	5.99	25.1	7.35	26.8	8.09	28.5	8.86	32.0	10.5	34.7	11.0
		39	18.1	5.06	21.6	6.36	25.1	7.82	26.8	8.60	28.5	9.43	32.0	11.2	34.1	11.3
70	210	10	15.8	2.54	18.9	3.01	21.9	3.52	23.5	3.78	25.0	4.05	28.0	4.60	31.1	5.18
		12	15.8	2.58	18.9	3.06	21.9	3.58	23.5	3.85	25.0	4.12	28.0	4.69	31.1	5.27
		14	15.8	2.62	18.9	3.12	21.9	3.64	23.5	3.92	25.0	4.20	28.0	4.78	31.1	5.37
		16	15.8	2.66	18.9	3.17	21.9	3.71	23.5	3.99	25.0	4.28	28.0	4.87	31.1	5.48
		18	15.8	2.70	18.9	3.22	21.9	3.78	23.5	4.06	25.0	4.36	28.0	4.96	31.1	5.58
		20	15.8	2.75	18.9	3.28	21.9	3.85	23.5	4.14	25.0	4.44	28.0	5.06	31.1	5.74
		21	15.8	2.77	18.9	3.31	21.9	3.88	23.5	4.18	25.0	4.49	28.0	5.14	31.1	5.94
		23	15.8	2.82	18.9	3.37	21.9	3.96	23.5	4.32	25.0	4.70	28.0	5.50	31.1	6.37
		25	15.8	2.87	18.9	3.51	21.9	4.23	23.5	4.61	25.0	5.02	28.0	5.88	31.1	6.81
		27	15.8	3.04	18.9	3.73	21.9	4.51	23.5	4.92	25.0	5.35	28.0	6.28	31.1	7.28
		29	15.8	3.22	18.9	3.97	21.9	4.80	23.5	5.24	25.0	5.71	28.0	6.70	31.1	7.77
		31	15.8	3.42	18.9	4.22	21.9	5.10	23.5	5.58	25.0	6.08	28.0	7.14	31.1	8.29
		33	15.8	3.62	18.9	4.47	21.9	5.42	23.5	5.93	25.0	6.47	28.0	7.61	31.1	8.84
		35	15.8	3.83	18.9	4.75	21.9	5.76	23.5	6.31	25.0	6.88	28.0	8.10	31.1	9.42
		37	15.8	4.06	18.9	5.04	21.9	6.12	23.5	6.71	25.0	7.32	28.0	8.62	31.1	10.0
		39	15.8	4.30	18.9	5.34	21.9	6.50	23.5	7.12	25.0	7.78	28.0	9.18	31.1	10.7
60	180	10	13.6	2.21	16.2	2.59	18.8	3.00	20.1	3.21	21.4	3.43	24.0	3.88	26.6	4.35
		12	13.6	2.24	16.2	2.63	18.8	3.05	20.1	3.27	21.4	3.49	24.0	3.95	26.6	4.43
		14	13.6	2.27	16.2	2.67	18.8	3.10	20.1	3.32	21.4	3.55	24.0	4.02	26.6	4.51
		16	13.6	2.31	16.2	2.72	18.8	3.15	20.1	3.38	21.4	3.61	24.0	4.10	26.6	4.59
		18	13.6	2.34	16.2	2.76	18.8	3.21	20.1	3.44	21.4	3.68	24.0	4.17	26.6	4.68
		20	13.6	2.38	16.2	2.81	18.8	3.27	20.1	3.51	21.4	3.75	24.0	4.25	26.6	4.78
		21	13.6	2.40	16.2	2.83	18.8	3.30	20.1	3.54	21.4	3.79	24.0	4.29	26.6	4.82
		23	13.6	2.44	16.2	2.88	18.8	3.36	20.1	3.61	21.4	3.86	24.0	4.46	26.6	5.13
		25	13.6	2.48	16.2	2.94	18.8	3.49	20.1	3.79	21.4	4.10	24.0	4.76	26.6	5.48
		27	13.6	2.57	16.2	3.11	18.8	3.71	20.1	4.03	21.4	4.37	24.0	5.08	26.6	5.85
		29	13.6	2.72	16.2	3.30	18.8	3.95	20.1	4.29	21.4	4.65	24.0	5.41	26.6	6.24
		31	13.6	2.88	16.2	3.50	18.8	4.19	20.1	4.56	21.4	4.95	24.0	5.76	26.6	6.65
		33	13.6	3.05	16.2	3.71	18.8	4.45	20.1	4.84	21.4	5.26	24.0	6.13	26.6	7.08
		35	13.6	3.22	16.2	3.93	18.8	4.72	20.1	5.14	21.4	5.58	24.0	6.52	26.6	7.53
		37	13.6	3.41	16.2	4.17	18.8	5.01	20.1	5.46	21.4	5.93	24.0	6.93	26.6	8.02
		39	13.6	3.60	16.2	4.41	18.8	5.31	20.1	5.79	21.4	6.29	24.0	7.37	26.6	8.53

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	150	10	11.3	1.90	13.5	2.20	15.7	2.52	16.8	2.68	17.8	2.85	20.0	3.20	22.2	3.56
		12	11.3	1.92	13.5	2.23	15.7	2.55	16.8	2.72	17.8	2.90	20.0	3.25	22.2	3.63
		14	11.3	1.95	13.5	2.26	15.7	2.59	16.8	2.77	17.8	2.94	20.0	3.31	22.2	3.69
		16	11.3	1.98	13.5	2.29	15.7	2.63	16.8	2.81	17.8	2.99	20.0	3.37	22.2	3.76
		18	11.3	2.00	13.5	2.33	15.7	2.68	16.8	2.86	17.8	3.04	20.0	3.43	22.2	3.83
		20	11.3	2.03	13.5	2.37	15.7	2.72	16.8	2.91	17.8	3.10	20.0	3.49	22.2	3.90
		21	11.3	2.05	13.5	2.39	15.7	2.75	16.8	2.93	17.8	3.13	20.0	3.52	22.2	3.94
		23	11.3	2.08	13.5	2.42	15.7	2.79	16.8	2.99	17.8	3.18	20.0	3.59	22.2	4.03
		25	11.3	2.11	13.5	2.46	15.7	2.84	16.8	3.05	17.8	3.28	20.0	3.77	22.2	4.30
		27	11.3	2.14	13.5	2.55	15.7	3.00	16.8	3.24	17.8	3.49	20.0	4.01	22.2	4.58
		29	11.3	2.27	13.5	2.70	15.7	3.18	16.8	3.44	17.8	3.71	20.0	4.27	22.2	4.87
		31	11.3	2.39	13.5	2.86	15.7	3.38	16.8	3.65	17.8	3.93	20.0	4.54	22.2	5.19
		33	11.3	2.53	13.5	3.03	15.7	3.58	16.8	3.87	17.8	4.17	20.0	4.82	22.2	5.51
		35	11.3	2.67	13.5	3.20	15.7	3.79	16.8	4.10	17.8	4.43	20.0	5.12	22.2	5.86
		37	11.3	2.81	13.5	3.38	15.7	4.01	16.8	4.34	17.8	4.69	20.0	5.43	22.2	6.22
		39	11.3	2.97	13.5	3.57	15.7	4.24	16.8	4.60	17.8	4.97	20.0	5.76	22.2	6.61

U-14MX3XPS

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130	455	10	35.1	6.57	41.9	8.04	48.6	9.56	52.0	9.76	53.0	9.56	54.3	9.16	55.6	8.75
		12	35.1	6.69	41.9	8.19	48.6	9.74	51.7	9.71	52.4	9.51	53.6	9.10	54.9	8.96
		14	35.1	6.81	41.9	8.35	48.6	9.86	51.0	9.66	51.7	9.45	52.9	9.38	54.2	9.47
		16	35.1	6.94	41.9	8.51	48.6	9.81	50.4	9.74	51.0	9.79	52.3	9.88	53.5	9.98
		18	35.1	7.08	41.9	8.68	48.6	10.2	49.7	10.2	50.3	10.3	51.6	10.4	52.8	10.5
		20	35.1	7.22	41.9	9.24	48.4	10.7	49.0	10.7	49.6	10.8	50.9	10.9	52.2	11.0
		21	35.1	7.42	41.9	9.58	48.0	10.9	48.7	11.0	49.3	11.0	50.6	11.2	51.8	11.3
		23	35.1	7.95	41.9	10.3	47.3	11.4	48.0	11.5	48.6	11.6	49.9	11.7	51.1	11.8
		25	35.1	8.50	41.9	11.0	46.7	11.9	47.3	12.0	47.9	12.1	49.2	12.2	50.5	12.3
		27	35.1	9.08	41.9	11.8	46.0	12.4	46.6	12.5	47.2	12.6	48.5	12.7	49.8	12.8
		29	35.1	9.69	41.9	12.6	45.3	12.9	45.9	13.0	46.6	13.1	47.8	13.2	49.1	13.4
		31	35.1	10.3	41.9	13.3	44.6	13.4	45.2	13.5	45.9	13.6	47.1	13.7	48.4	13.9
		33	35.1	11.0	41.9	13.8	43.9	14.0	44.6	14.0	45.2	14.1	46.5	14.3	47.7	14.4
		35	35.1	11.7	41.9	14.3	43.2	14.5	43.9	14.6	44.5	14.6	45.8	14.8	47.0	15.0
		37	35.1	12.5	41.3	14.8	42.6	15.0	43.2	15.1	43.8	15.2	45.1	15.3	46.4	15.5
		39	35.1	13.3	40.6	15.3	41.9	15.5	42.5	15.6	43.1	15.7	44.4	15.9	45.7	16.0
120	420	10	32.4	6.00	38.6	7.33	44.9	8.71	48.0	9.42	51.1	9.81	53.4	9.45	54.6	9.07
		12	32.4	6.11	38.6	7.47	44.9	8.88	48.0	9.60	51.1	9.76	52.7	9.39	53.9	9.01
		14	32.4	6.22	38.6	7.61	44.9	9.05	48.0	9.78	50.9	9.71	52.0	9.33	53.2	9.40
		16	32.4	6.34	38.6	7.76	44.9	9.23	48.0	9.85	50.2	9.73	51.4	9.82	52.5	9.90
		18	32.4	6.46	38.6	7.91	44.9	9.54	48.0	10.2	49.5	10.2	50.7	10.3	51.9	10.4
		20	32.4	6.59	38.6	8.22	44.9	10.3	48.0	10.7	48.8	10.7	50.0	10.8	51.2	10.9
		21	32.4	6.66	38.6	8.52	44.9	10.6	47.9	10.9	48.5	11.0	49.7	11.1	50.8	11.2
		23	32.4	7.11	38.6	9.12	44.9	11.4	47.2	11.4	47.8	11.5	49.0	11.6	50.1	11.7
		25	32.4	7.60	38.6	9.76	44.9	11.9	46.5	11.9	47.1	12.0	48.3	12.1	49.5	12.2
		27	32.4	8.11	38.6	10.4	44.9	12.4	45.9	12.4	46.4	12.5	47.6	12.6	48.8	12.7
		29	32.4	8.65	38.6	11.1	44.6	12.9	45.2	12.9	45.8	13.0	46.9	13.1	48.1	13.3
		31	32.4	9.22	38.6	11.9	43.9	13.4	44.5	13.4	45.1	13.5	46.2	13.6	47.4	13.8
		33	32.4	9.82	38.6	12.7	43.2	13.9	43.8	13.9	44.4	14.0	45.6	14.2	46.7	14.3
		35	32.4	10.5	38.6	13.5	42.5	14.4	43.1	14.5	43.7	14.5	44.9	14.7	46.0	14.8
		37	32.4	11.1	38.6	14.4	41.9	14.9	42.4	15.0	43.0	15.0	44.2	15.2	45.4	15.4
		39	32.4	11.8	38.6	15.2	41.2	15.4	41.8	15.5	42.3	15.6	43.5	15.7	44.7	15.9
110	385	10	29.7	5.45	35.4	6.63	41.1	7.88	44.0	8.52	46.9	9.16	52.5	9.73	53.6	9.39
		12	29.7	5.55	35.4	6.76	41.1	8.03	44.0	8.68	46.9	9.33	51.8	9.68	52.9	9.33
		14	29.7	5.65	35.4	6.89	41.1	8.18	44.0	8.84	46.9	9.51	51.2	9.62	52.2	9.33
		16	29.7	5.75	35.4	7.02	41.1	8.34	44.0	9.02	46.9	9.70	50.5	9.75	51.5	9.83
		18	29.7	5.86	35.4	7.16	41.1	8.51	44.0	9.26	46.9	10.2	49.8	10.3	50.9	10.3
		20	29.7	5.98	35.4	7.30	41.1	9.01	44.0	9.96	46.9	10.7	49.1	10.8	50.2	10.8
		21	29.7	6.03	35.4	7.52	41.1	9.33	44.0	10.3	46.9	10.9	48.8	11.0	49.8	11.1
		23	29.7	6.32	35.4	8.05	41.1	10.0	44.0	11.1	46.9	11.4	48.1	11.5	49.2	11.6
		25	29.7	6.75	35.4	8.61	41.1	10.7	44.0	11.9	46.3	11.9	47.4	12.0	48.5	12.1
		27	29.7	7.20	35.4	9.20	41.1	11.5	44.0	12.3	45.6	12.4	46.7	12.5	47.8	12.6
		29	29.7	7.67	35.4	9.82	41.1	12.2	44.0	12.8	45.0	12.9	46.0	13.0	47.1	13.1
		31	29.7	8.17	35.4	10.5	41.1	13.1	43.7	13.3	44.3	13.4	45.3	13.5	46.4	13.7
		33	29.7	8.69	35.4	11.2	41.1	13.8	43.1	13.9	43.6	13.9	44.7	14.0	45.7	14.2
		35	29.7	9.25	35.4	11.9	41.1	14.3	42.4	14.4	42.9	14.4	44.0	14.6	45.1	14.7
		37	29.7	9.83	35.4	12.7	41.1	14.8	41.7	14.9	42.2	14.9	43.3	15.1	44.4	15.2
		39	29.7	10.5	35.4	13.5	40.5	15.3	41.0	15.4	41.5	15.5	42.6	15.6	43.7	15.8
100	350	10	27.0	4.91	32.2	5.96	37.4	7.06	40.0	7.63	42.6	8.20	47.8	9.38	52.6	9.70
		12	27.0	5.00	32.2	6.07	37.4	7.19	40.0	7.77	42.6	8.36	47.8	9.55	51.9	9.65
		14	27.0	5.09	32.2	6.18	37.4	7.33	40.0	7.92	42.6	8.52	47.8	9.73	51.2	9.60
		16	27.0	5.18	32.2	6.30	37.4	7.47	40.0	8.07	42.6	8.68	47.8	9.86	50.5	9.76
		18	27.0	5.28	32.2	6.42	37.4	7.62	40.0	8.23	42.6	8.86	47.8	10.2	49.9	10.3
		20	27.0	5.38	32.2	6.55	37.4	7.85	40.0	8.65	42.6	9.49	47.8	10.7	49.2	10.8
		21	27.0	5.43	32.2	6.61	37.4	8.13	40.0	8.96	42.6	9.83	47.8	10.9	48.8	11.0
		23	27.0	5.57	32.2	7.05	37.4	8.70	40.0	9.60	42.6	10.5	47.2	11.4	48.2	11.5
		25	27.0	5.95	32.2	7.53	37.4	9.31	40.0	10.3	42.6	11.3	46.5	11.9	47.5	12.0
		27	27.0	6.34	32.2	8.04	37.4	9.95	40.0	11.0	42.6	12.1	45.8	12.4	46.8	12.5
		29	27.0	6.75	32.2	8.58	37.4	10.6	40.0	11.7	42.6	12.8	45.1	12.9	46.1	13.0
		31	27.0	7.18	32.2	9.14	37.4	11.3	40.0	12.5	42.6	13.3	44.5	13.4	45.4	13.5
		33	27.0	7.64	32.2	9.73	37.4	12.1	40.0	13.4	42.6	13.8	43.8	13.9	44.7	14.1
		35	27.0	8.12	32.2	10.4	37.4	12.9	40.0	14.3	42.1	14.3	43.1	14.4	44.1	14.6
		37	27.0	8.62	32.2	11.0	37.4	13.7	40.0	14.8	41.4	14.8	42.4	15.0	43.4	15.1
		39	27.0	9.16	32.2	11.7	37.4	14.6	40.0	15.3	40.7	15.3	41.7	15.5	42.7	15.6

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	315	10	24.3	4.40	29.0	5.30	33.7	6.26	36.0	6.76	38.3	7.26	43.0	8.30	47.7	9.35
		12	24.3	4.47	29.0	5.40	33.7	6.38	36.0	6.88	38.3	7.40	43.0	8.45	47.7	9.53
		14	24.3	4.55	29.0	5.50	33.7	6.50	36.0	7.01	38.3	7.54	43.0	8.62	47.7	9.71
		16	24.3	4.63	29.0	5.60	33.7	6.62	36.0	7.15	38.3	7.69	43.0	8.78	47.7	9.87
		18	24.3	4.71	29.0	5.70	33.7	6.75	36.0	7.29	38.3	7.84	43.0	8.96	47.7	10.2
		20	24.3	4.80	29.0	5.81	33.7	6.88	36.0	7.44	38.3	8.13	43.0	9.63	47.7	10.7
		21	24.3	4.85	29.0	5.87	33.7	7.00	36.0	7.70	38.3	8.42	43.0	9.97	47.7	10.9
		23	24.3	4.94	29.0	6.11	33.7	7.50	36.0	8.24	38.3	9.02	43.0	10.7	47.2	11.4
		25	24.3	5.20	29.0	6.53	33.7	8.01	36.0	8.81	38.3	9.66	43.0	11.5	46.5	11.9
		27	24.3	5.54	29.0	6.96	33.7	8.56	36.0	9.42	38.3	10.3	43.0	12.3	45.8	12.4
		29	24.3	5.89	29.0	7.42	33.7	9.13	36.0	10.1	38.3	11.0	43.0	12.8	45.1	12.9
		31	24.3	6.26	29.0	7.90	33.7	9.73	36.0	10.7	38.3	11.8	43.0	13.3	44.4	13.4
		33	24.3	6.65	29.0	8.41	33.7	10.4	36.0	11.4	38.3	12.5	42.9	13.8	43.8	13.9
		35	24.3	7.06	29.0	8.94	33.7	11.0	36.0	12.2	38.3	13.4	42.2	14.3	43.1	14.4
		37	24.3	7.50	29.0	9.50	33.7	11.8	36.0	13.0	38.3	14.3	41.5	14.8	42.4	15.0
		39	24.3	7.95	29.0	10.1	33.7	12.5	36.0	13.8	38.3	15.2	40.8	15.3	41.7	15.5
80	280	10	21.6	3.90	25.8	4.68	29.9	5.49	32.0	5.92	34.1	6.35	38.2	7.24	42.4	8.16
		12	21.6	3.97	25.8	4.76	29.9	5.59	32.0	6.03	34.1	6.47	38.2	7.38	42.4	8.31
		14	21.6	4.03	25.8	4.84	29.9	5.69	32.0	6.14	34.1	6.59	38.2	7.52	42.4	8.47
		16	21.6	4.10	25.8	4.93	29.9	5.80	32.0	6.25	34.1	6.72	38.2	7.66	42.4	8.64
		18	21.6	4.17	25.8	5.02	29.9	5.91	32.0	6.37	34.1	6.85	38.2	7.82	42.4	8.81
		20	21.6	4.25	25.8	5.11	29.9	6.03	32.0	6.50	34.1	6.98	38.2	8.10	42.4	9.42
		21	21.6	4.28	25.8	5.16	29.9	6.09	32.0	6.56	34.1	7.13	38.2	8.39	42.4	9.76
		23	21.6	4.36	25.8	5.26	29.9	6.38	32.0	6.99	34.1	7.63	38.2	8.99	42.4	10.5
		25	21.6	4.51	25.8	5.60	29.9	6.81	32.0	7.47	34.1	8.15	38.2	9.62	42.4	11.2
		27	21.6	4.79	25.8	5.96	29.9	7.27	32.0	7.97	34.1	8.71	38.2	10.3	42.4	12.0
		29	21.6	5.09	25.8	6.35	29.9	7.75	32.0	8.50	34.1	9.29	38.2	11.0	42.4	12.8
		31	21.6	5.41	25.8	6.75	29.9	8.25	32.0	9.06	34.1	9.91	38.2	11.7	42.4	13.3
		33	21.6	5.74	25.8	7.18	29.9	8.78	32.0	9.65	34.1	10.6	38.2	12.5	42.4	13.8
		35	21.6	6.08	25.8	7.62	29.9	9.34	32.0	10.3	34.1	11.2	38.2	13.3	42.1	14.3
		37	21.6	6.45	25.8	8.10	29.9	9.94	32.0	10.9	34.1	12.0	38.2	14.2	41.4	14.8
		39	21.6	6.84	25.8	8.59	29.9	10.6	32.0	11.6	34.1	12.7	38.2	15.1	40.7	15.3
70	245	10	18.9	3.43	22.5	4.07	26.2	4.76	28.0	5.11	29.8	5.47	33.5	6.22	37.1	7.00
		12	18.9	3.49	22.5	4.14	26.2	4.84	28.0	5.20	29.8	5.57	33.5	6.34	37.1	7.13
		14	18.9	3.54	22.5	4.21	26.2	4.92	28.0	5.29	29.8	5.67	33.5	6.45	37.1	7.26
		16	18.9	3.60	22.5	4.28	26.2	5.01	28.0	5.39	29.8	5.78	33.5	6.58	37.1	7.40
		18	18.9	3.66	22.5	4.36	26.2	5.10	28.0	5.49	29.8	5.89	33.5	6.71	37.1	7.55
		20	18.9	3.72	22.5	4.44	26.2	5.20	28.0	5.60	29.8	6.00	33.5	6.84	37.1	7.76
		21	18.9	3.75	22.5	4.48	26.2	5.25	28.0	5.65	29.8	6.06	33.5	6.95	37.1	8.03
		23	18.9	3.81	22.5	4.56	26.2	5.36	28.0	5.84	29.8	6.35	33.5	7.43	37.1	8.61
		25	18.9	3.88	22.5	4.74	26.2	5.72	28.0	6.24	29.8	6.78	33.5	7.95	37.1	9.21
		27	18.9	4.10	22.5	5.05	26.2	6.09	28.0	6.65	29.8	7.24	33.5	8.49	37.1	9.84
		29	18.9	4.36	22.5	5.36	26.2	6.48	28.0	7.08	29.8	7.71	33.5	9.05	37.1	10.5
		31	18.9	4.62	22.5	5.70	26.2	6.90	28.0	7.54	29.8	8.22	33.5	9.65	37.1	11.2
		33	18.9	4.89	22.5	6.05	26.2	7.33	28.0	8.02	29.8	8.74	33.5	10.3	37.1	12.0
		35	18.9	5.18	22.5	6.42	26.2	7.79	28.0	8.53	29.8	9.30	33.5	11.0	37.1	12.7
		37	18.9	5.49	22.5	6.81	26.2	8.27	28.0	9.06	29.8	9.89	33.5	11.7	37.1	13.6
		39	18.9	5.81	22.5	7.22	26.2	8.78	28.0	9.63	29.8	10.5	33.5	12.4	37.1	14.5
60	210	10	16.2	2.99	19.3	3.50	22.4	4.06	24.0	4.34	25.6	4.64	28.7	5.25	31.8	5.88
		12	16.2	3.03	19.3	3.56	22.4	4.12	24.0	4.42	25.6	4.72	28.7	5.34	31.8	5.98
		14	16.2	3.07	19.3	3.62	22.4	4.19	24.0	4.49	25.6	4.80	28.7	5.44	31.8	6.09
		16	16.2	3.12	19.3	3.67	22.4	4.26	24.0	4.57	25.6	4.89	28.7	5.54	31.8	6.21
		18	16.2	3.17	19.3	3.73	22.4	4.34	24.0	4.65	25.6	4.98	28.7	5.64	31.8	6.33
		20	16.2	3.22	19.3	3.80	22.4	4.42	24.0	4.74	25.6	5.07	28.7	5.75	31.8	6.45
		21	16.2	3.24	19.3	3.83	22.4	4.46	24.0	4.78	25.6	5.12	28.7	5.80	31.8	6.52
		23	16.2	3.29	19.3	3.90	22.4	4.54	24.0	4.87	25.6	5.22	28.7	6.03	31.8	6.93
		25	16.2	3.35	19.3	3.97	22.4	4.72	24.0	5.12	25.6	5.54	28.7	6.44	31.8	7.41
		27	16.2	3.47	19.3	4.21	22.4	5.02	24.0	5.45	25.6	5.91	28.7	6.87	31.8	7.90
		29	16.2	3.68	19.3	4.47	22.4	5.34	24.0	5.80	25.6	6.29	28.7	7.32	31.8	8.43
		31	16.2	3.89	19.3	4.74	22.4	5.67	24.0	6.16	25.6	6.68	28.7	7.79	31.8	8.98
		33	16.2	4.12	19.3	5.02	22.4	6.02	24.0	6.55	25.6	7.10	28.7	8.29	31.8	9.57
		35	16.2	4.36	19.3	5.32	22.4	6.38	24.0	6.95	25.6	7.55	28.7	8.81	31.8	10.2
		37	16.2	4.60	19.3	5.63	22.4	6.77	24.0	7.38	25.6	8.01	28.7	9.37	31.8	10.8
		39	16.2	4.86	19.3	5.96	22.4	7.17	24.0	7.83	25.6	8.51	28.7	9.96	31.8	11.5

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	175	10	13.5	2.57	16.1	2.97	18.7	3.40	20.0	3.62	21.3	3.85	23.9	4.33	26.5	4.82
		12	13.5	2.60	16.1	3.01	18.7	3.45	20.0	3.68	21.3	3.91	23.9	4.40	26.5	4.90
		14	13.5	2.63	16.1	3.06	18.7	3.50	20.0	3.74	21.3	3.98	23.9	4.47	26.5	4.99
		16	13.5	2.67	16.1	3.10	18.7	3.56	20.0	3.80	21.3	4.04	23.9	4.55	26.5	5.08
		18	13.5	2.71	16.1	3.15	18.7	3.62	20.0	3.86	21.3	4.11	23.9	4.63	26.5	5.17
		20	13.5	2.75	16.1	3.20	18.7	3.68	20.0	3.93	21.3	4.19	23.9	4.72	26.5	5.27
		21	13.5	2.77	16.1	3.22	18.7	3.71	20.0	3.96	21.3	4.22	23.9	4.76	26.5	5.32
		23	13.5	2.81	16.1	3.28	18.7	3.78	20.0	4.04	21.3	4.30	23.9	4.85	26.5	5.44
		25	13.5	2.85	16.1	3.33	18.7	3.84	20.0	4.12	21.3	4.43	23.9	5.10	26.5	5.81
		27	13.5	2.90	16.1	3.45	18.7	4.06	20.0	4.38	21.3	4.71	23.9	5.42	26.5	6.19
		29	13.5	3.06	16.1	3.66	18.7	4.30	20.0	4.65	21.3	5.01	23.9	5.77	26.5	6.59
		31	13.5	3.24	16.1	3.87	18.7	4.56	20.0	4.93	21.3	5.32	23.9	6.13	26.5	7.01
		33	13.5	3.42	16.1	4.09	18.7	4.84	20.0	5.23	21.3	5.64	23.9	6.51	26.5	7.45
		35	13.5	3.61	16.1	4.33	18.7	5.12	20.0	5.54	21.3	5.98	23.9	6.92	26.5	7.92
		37	13.5	3.80	16.1	4.57	18.7	5.42	20.0	5.87	21.3	6.34	23.9	7.34	26.5	8.41
		39	13.5	4.01	16.1	4.83	18.7	5.73	20.0	6.22	21.3	6.72	23.9	7.78	26.5	8.93

U-16MX3XPS

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130	520	10	39.0	7.19	46.6	8.80	54.1	10.5	57.9	10.7	59.0	10.5	60.4	10.0	61.8	9.58
		12	39.0	7.33	46.6	8.97	54.1	10.7	57.5	10.6	58.3	10.4	59.7	10.0	61.1	9.81
		14	39.0	7.46	46.6	9.14	54.1	10.8	56.8	10.6	57.5	10.4	58.9	10.3	60.3	10.4
		16	39.0	7.61	46.6	9.32	54.1	10.8	56.0	10.7	56.7	10.7	58.1	10.8	59.5	10.9
		18	39.0	7.76	46.6	9.51	54.1	11.2	55.3	11.2	56.0	11.3	57.4	11.4	58.8	11.5
		20	39.0	7.91	46.6	10.1	53.8	11.7	54.5	11.8	55.2	11.8	56.6	11.9	57.8	12.0
		21	39.0	8.13	46.6	10.5	53.4	12.0	54.1	12.0	54.8	12.1	56.2	12.2	57.1	12.3
		23	39.0	8.71	46.6	11.2	52.7	12.5	53.4	12.6	54.1	12.7	55.5	12.8	55.7	12.8
		25	39.0	9.31	46.6	12.0	51.9	13.1	52.6	13.1	53.3	13.2	54.2	13.3	54.3	13.3
		27	39.0	9.95	46.6	12.9	51.1	13.6	51.8	13.7	52.6	13.8	52.8	13.8	52.9	13.8
		29	39.0	10.6	46.6	13.8	50.4	14.2	51.1	14.3	51.2	14.3	51.4	14.3	51.5	14.3
		31	39.0	11.3	46.6	14.6	49.6	14.7	49.8	14.7	49.8	14.8	50.0	14.8	50.1	14.8
		33	39.0	12.1	46.6	15.1	48.3	15.2	48.4	15.2	48.4	15.2	48.6	15.3	48.7	15.3
		35	39.0	12.9	46.6	15.7	46.9	15.7	46.9	15.7	47.0	15.7	47.2	15.7	47.3	15.7
		37	39.0	13.7	43.4	16.0	44.1	16.2	44.5	16.2	44.9	16.2	45.6	16.2	45.9	16.2
		39	39.0	14.6	39.9	15.1	40.7	15.5	41.1	15.7	41.4	15.9	42.2	16.4	43.0	16.7
120	480	10	36.0	6.57	43.0	8.03	49.9	9.54	53.4	10.3	56.9	10.7	59.4	10.3	60.7	9.94
		12	36.0	6.69	43.0	8.18	49.9	9.73	53.4	10.5	56.9	10.7	58.7	10.3	60.0	9.87
		14	36.0	6.82	43.0	8.33	49.9	9.91	53.4	10.7	56.6	10.6	57.9	10.2	59.2	10.3
		16	36.0	6.95	43.0	8.50	49.9	10.1	53.4	10.8	55.8	10.7	57.1	10.8	58.4	10.8
		18	36.0	7.08	43.0	8.66	49.9	10.5	53.4	11.2	55.1	11.2	56.4	11.3	57.7	11.4
		20	36.0	7.22	43.0	9.01	49.9	11.2	53.4	11.7	54.3	11.8	55.6	11.9	56.9	12.0
		21	36.0	7.29	43.0	9.33	49.9	11.6	53.3	12.0	53.9	12.0	55.2	12.1	56.5	12.2
		23	36.0	7.79	43.0	9.99	49.9	12.5	52.5	12.5	53.2	12.6	54.5	12.7	55.7	12.8
		25	36.0	8.32	43.0	10.7	49.9	13.0	51.8	13.1	52.4	13.1	53.7	13.2	54.3	13.3
		27	36.0	8.88	43.0	11.4	49.9	13.5	51.0	13.6	51.7	13.7	52.8	13.8	52.9	13.8
		29	36.0	9.47	43.0	12.2	49.6	14.1	50.3	14.2	50.9	14.2	51.4	14.3	51.5	14.3
		31	36.0	10.1	43.0	13.0	48.8	14.6	49.5	14.7	49.8	14.8	50.0	14.8	50.1	14.8
		33	36.0	10.8	43.0	13.9	48.1	15.2	48.4	15.2	48.4	15.2	48.6	15.3	48.7	15.3
		35	36.0	11.4	43.0	14.8	46.9	15.7	46.9	15.7	47.0	15.7	47.2	15.7	47.3	15.7
		37	36.0	12.2	43.0	15.8	44.1	16.2	44.5	16.2	44.9	16.2	45.6	16.2	45.9	16.2
		39	36.0	13.0	39.9	15.1	40.7	15.5	41.1	15.7	41.4	15.9	42.2	16.4	43.0	16.7
110	440	10	33.0	5.97	39.4	7.27	45.8	8.63	49.0	9.33	52.1	10.0	58.4	10.7	59.6	10.3
		12	33.0	6.07	39.4	7.40	45.8	8.79	49.0	9.50	52.1	10.2	57.7	10.6	58.9	10.2
		14	33.0	6.19	39.4	7.54	45.8	8.96	49.0	9.69	52.1	10.4	56.9	10.5	58.1	10.2
		16	33.0	6.30	39.4	7.69	45.8	9.14	49.0	9.88	52.1	10.6	56.1	10.7	57.3	10.8
		18	33.0	6.42	39.4	7.84	45.8	9.32	49.0	10.1	52.1	11.1	55.4	11.2	56.6	11.3
		20	33.0	6.55	39.4	7.99	45.8	9.87	49.0	10.9	52.1	11.7	54.6	11.8	55.8	11.9
		21	33.0	6.61	39.4	8.24	45.8	10.2	49.0	11.3	52.1	11.9	54.2	12.1	55.4	12.2
		23	33.0	6.92	39.4	8.82	45.8	11.0	49.0	12.1	52.1	12.5	53.5	12.6	54.7	12.7
		25	33.0	7.39	39.4	9.43	45.8	11.7	49.0	13.0	51.5	13.0	52.7	13.2	53.9	13.3
		27	33.0	7.88	39.4	10.1	45.8	12.5	49.0	13.5	50.8	13.6	52.0	13.7	52.9	13.8
		29	33.0	8.40	39.4	10.8	45.8	13.4	49.0	14.1	50.0	14.1	51.2	14.3	51.5	14.3
		31	33.0	8.95	39.4	11.5	45.8	14.3	48.7	14.6	49.3	14.7	50.0	14.8	50.1	14.8
		33	33.0	9.52	39.4	12.2	45.8	15.1	47.9	15.2	48.4	15.2	48.6	15.3	48.7	15.3
		35	33.0	10.1	39.4	13.0	45.8	15.7	46.9	15.7	47.0	15.7	47.2	15.7	47.3	15.7
		37	33.0	10.8	39.4	13.9	44.1	16.2	44.5	16.2	44.9	16.2	45.6	16.2	45.9	16.2
		39	33.0	11.4	39.4	14.8	40.7	15.5	41.1	15.7	41.4	15.9	42.2	16.4	43.0	16.7
100	400	10	30.0	5.38	35.8	6.53	41.6	7.73	44.5	8.35	47.4	9.0	53.2	10.3	58.5	10.6
		12	30.0	5.48	35.8	6.65	41.6	7.88	44.5	8.51	47.4	9.2	53.2	10.5	57.8	10.6
		14	30.0	5.57	35.8	6.77	41.6	8.03	44.5	8.67	47.4	9.3	53.2	10.7	57.0	10.5
		16	30.0	5.68	35.8	6.90	41.6	8.18	44.5	8.84	47.4	9.5	53.2	10.8	56.2	10.7
		18	30.0	5.78	35.8	7.03	41.6	8.34	44.5	9.02	47.4	9.7	53.2	11.2	55.5	11.2
		20	30.0	5.89	35.8	7.17	41.6	8.60	44.5	9.47	47.4	10.4	53.2	11.7	54.7	11.8
		21	30.0	5.95	35.8	7.24	41.6	8.90	44.5	9.81	47.4	10.8	53.2	12.0	54.3	12.1
		23	30.0	6.10	35.8	7.72	41.6	9.53	44.5	10.5	47.4	11.5	52.5	12.5	53.6	12.6
		25	30.0	6.51	35.8	8.25	41.6	10.2	44.5	11.3	47.4	12.4	51.7	13.1	52.8	13.2
		27	30.0	6.94	35.8	8.81	41.6	10.9	44.5	12.0	47.4	13.2	51.0	13.6	52.1	13.7
		29	30.0	7.39	35.8	9.39	41.6	11.6	44.5	12.9	47.4	14.0	50.2	14.2	51.3	14.3
		31	30.0	7.87	35.8	10.0	41.6	12.4	44.5	13.7	47.4	14.6	49.5	14.7	50.1	14.8
		33	30.0	8.37	35.8	10.7	41.6	13.2	44.5	14.6	47.4	15.1	48.6	15.3	48.7	15.3
		35	30.0	8.89	35.8	11.4	41.6	14.1	44.5	15.6	46.9	15.7	47.2	15.7	47.3	15.7
		37	30.0	9.45	35.8	12.1	41.6	15.0	44.5	16.2	44.9	16.2	45.6	16.2	45.9	16.2
		39	30.0	10.0	35.8	12.8	40.7	15.5	41.1	15.7	41.4	15.9	42.2	16.4	43.0	16.7

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	360	10	27.0	4.82	32.2	5.81	37.4	6.86	40.1	7.40	42.7	7.96	47.9	9.09	53.1	10.2
		12	27.0	4.90	32.2	5.91	37.4	6.99	40.1	7.54	42.7	8.11	47.9	9.26	53.1	10.4
		14	27.0	4.98	32.2	6.02	37.4	7.12	40.1	7.68	42.7	8.26	47.9	9.44	53.1	10.6
		16	27.0	5.07	32.2	6.13	37.4	7.25	40.1	7.83	42.7	8.42	47.9	9.62	53.1	10.8
		18	27.0	5.16	32.2	6.25	37.4	7.39	40.1	7.99	42.7	8.59	47.9	9.81	53.1	11.1
		20	27.0	5.26	32.2	6.37	37.4	7.54	40.1	8.15	42.7	8.91	47.9	10.5	53.1	11.7
		21	27.0	5.31	32.2	6.43	37.4	7.67	40.1	8.43	42.7	9.23	47.9	10.9	53.1	12.0
		23	27.0	5.41	32.2	6.70	37.4	8.21	40.1	9.03	42.7	9.88	47.9	11.7	52.5	12.5
		25	27.0	5.70	32.2	7.15	37.4	8.78	40.1	9.66	42.7	10.6	47.9	12.5	51.7	13.1
		27	27.0	6.07	32.2	7.63	37.4	9.37	40.1	10.3	42.7	11.3	47.9	13.4	51.0	13.6
		29	27.0	6.45	32.2	8.13	37.4	10.0	40.1	11.0	42.7	12.1	47.9	14.1	50.2	14.2
		31	27.0	6.86	32.2	8.65	37.4	10.7	40.1	11.7	42.7	12.9	47.9	14.6	49.4	14.7
		33	27.0	7.29	32.2	9.21	37.4	11.4	40.1	12.5	42.7	13.7	47.7	15.1	48.7	15.3
		35	27.0	7.74	32.2	9.79	37.4	12.1	40.1	13.3	42.7	14.7	46.9	15.7	47.3	15.7
		37	27.0	8.21	32.2	10.4	37.4	12.9	40.1	14.2	42.7	15.6	45.6	16.2	45.9	16.2
		39	27.0	8.71	32.2	11.1	37.4	13.7	40.1	15.1	41.4	15.9	42.2	16.4	43.0	16.7
80	320	10	24.0	4.28	28.7	5.12	33.3	6.02	35.6	6.48	37.9	6.96	42.5	7.93	47.2	8.94
		12	24.0	4.35	28.7	5.21	33.3	6.13	35.6	6.60	37.9	7.09	42.5	8.08	47.2	9.11
		14	24.0	4.42	28.7	5.30	33.3	6.24	35.6	6.72	37.9	7.22	42.5	8.24	47.2	9.28
		16	24.0	4.49	28.7	5.40	33.3	6.35	35.6	6.85	37.9	7.36	42.5	8.40	47.2	9.46
		18	24.0	4.57	28.7	5.49	33.3	6.47	35.6	6.98	37.9	7.50	42.5	8.56	47.2	9.65
		20	24.0	4.65	28.7	5.60	33.3	6.60	35.6	7.12	37.9	7.65	42.5	8.88	47.2	10.3
		21	24.0	4.69	28.7	5.65	33.3	6.67	35.6	7.19	37.9	7.81	42.5	9.19	47.2	10.7
		23	24.0	4.78	28.7	5.76	33.3	6.99	35.6	7.66	37.9	8.36	42.5	9.85	47.2	11.5
		25	24.0	4.94	28.7	6.13	33.3	7.46	35.6	8.18	37.9	8.93	42.5	10.5	47.2	12.3
		27	24.0	5.25	28.7	6.53	33.3	7.96	35.6	8.73	37.9	9.54	42.5	11.3	47.2	13.1
		29	24.0	5.58	28.7	6.95	33.3	8.49	35.6	9.31	37.9	10.2	42.5	12.0	47.2	14.0
		31	24.0	5.92	28.7	7.40	33.3	9.04	35.6	9.93	37.9	10.9	42.5	12.8	47.2	14.6
		33	24.0	6.28	28.7	7.86	33.3	9.62	35.6	10.6	37.9	11.6	42.5	13.7	47.2	15.1
		35	24.0	6.67	28.7	8.35	33.3	10.2	35.6	11.3	37.9	12.3	42.5	14.6	46.8	15.7
		37	24.0	7.07	28.7	8.87	33.3	10.9	35.6	12.0	37.9	13.1	42.5	15.6	45.9	16.2
		39	24.0	7.49	28.7	9.41	33.3	11.6	35.6	12.7	37.9	14.0	42.2	16.4	43.0	16.7
70	280	10	21.0	3.76	25.1	4.46	29.1	5.21	31.2	5.60	33.2	6.00	37.2	6.8	41.3	7.66
		12	21.0	3.82	25.1	4.54	29.1	5.30	31.2	5.70	33.2	6.10	37.2	6.94	41.3	7.81
		14	21.0	3.88	25.1	4.61	29.1	5.39	31.2	5.80	33.2	6.21	37.2	7.07	41.3	7.95
		16	21.0	3.94	25.1	4.69	29.1	5.49	31.2	5.91	33.2	6.33	37.2	7.21	41.3	8.11
		18	21.0	4.00	25.1	4.77	29.1	5.59	31.2	6.02	33.2	6.45	37.2	7.35	41.3	8.27
		20	21.0	4.07	25.1	4.86	29.1	5.70	31.2	6.13	33.2	6.58	37.2	7.49	41.3	8.50
		21	21.0	4.11	25.1	4.90	29.1	5.75	31.2	6.19	33.2	6.64	37.2	7.61	41.3	8.80
		23	21.0	4.18	25.1	5.00	29.1	5.87	31.2	6.40	33.2	6.96	37.2	8.14	41.3	9.43
		25	21.0	4.25	25.1	5.19	29.1	6.26	31.2	6.83	33.2	7.43	37.2	8.71	41.3	10.1
		27	21.0	4.50	25.1	5.53	29.1	6.67	31.2	7.29	33.2	7.93	37.2	9.30	41.3	10.8
		29	21.0	4.77	25.1	5.88	29.1	7.10	31.2	7.76	33.2	8.45	37.2	9.92	41.3	11.5
		31	21.0	5.06	25.1	6.24	29.1	7.55	31.2	8.26	33.2	9.00	37.2	10.6	41.3	12.3
		33	21.0	5.36	25.1	6.63	29.1	8.03	31.2	8.79	33.2	9.58	37.2	11.3	41.3	13.1
		35	21.0	5.68	25.1	7.03	29.1	8.53	31.2	9.34	33.2	10.2	37.2	12.0	41.3	14.0
		37	21.0	6.01	25.1	7.45	29.1	9.06	31.2	9.93	33.2	10.8	37.2	12.8	41.3	14.9
		39	21.0	6.36	25.1	7.90	29.1	9.62	31.2	10.5	33.2	11.5	37.2	13.6	41.3	15.8
60	240	10	18.0	3.27	21.5	3.84	25.0	4.44	26.7	4.76	28.4	5.08	31.9	5.75	35.4	6.44
		12	18.0	3.32	21.5	3.90	25.0	4.52	26.7	4.84	28.4	5.17	31.9	5.85	35.4	6.55
		14	18.0	3.37	21.5	3.96	25.0	4.59	26.7	4.92	28.4	5.26	31.9	5.95	35.4	6.68
		16	18.0	3.42	21.5	4.02	25.0	4.67	26.7	5.01	28.4	5.35	31.9	6.06	35.4	6.80
		18	18.0	3.47	21.5	4.09	25.0	4.75	26.7	5.10	28.4	5.45	31.9	6.18	35.4	6.93
		20	18.0	3.52	21.5	4.16	25.0	4.84	26.7	5.19	28.4	5.55	31.9	6.30	35.4	7.07
		21	18.0	3.55	21.5	4.20	25.0	4.88	26.7	5.24	28.4	5.60	31.9	6.36	35.4	7.14
		23	18.0	3.61	21.5	4.27	25.0	4.97	26.7	5.34	28.4	5.71	31.9	6.61	35.4	7.59
		25	18.0	3.67	21.5	4.35	25.0	5.17	26.7	5.61	28.4	6.07	31.9	7.05	35.4	8.11
		27	18.0	3.80	21.5	4.61	25.0	5.50	26.7	5.97	28.4	6.47	31.9	7.52	35.4	8.66
		29	18.0	4.03	21.5	4.89	25.0	5.84	26.7	6.35	28.4	6.88	31.9	8.01	35.4	9.23
		31	18.0	4.27	21.5	5.19	25.0	6.21	26.7	6.75	28.4	7.32	31.9	8.53	35.4	9.84
		33	18.0	4.51	21.5	5.50	25.0	6.59	26.7	7.17	28.4	7.78	31.9	9.08	35.4	10.5
		35	18.0	4.77	21.5	5.83	25.0	6.99	26.7	7.62	28.4	8.27	31.9	9.65	35.4	11.2
		37	18.0	5.04	21.5	6.17	25.0	7.41	26.7	8.08	28.4	8.78	31.9	10.3	35.4	11.9
		39	18.0	5.33	21.5	6.53	25.0	7.86	26.7	8.57	28.4	9.32	31.9	10.9	35.4	12.6

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	200	10	15.0	2.81	17.9	3.25	20.8	3.72	22.3	3.97	23.7	4.22	26.6	4.74	29.5	5.28
		12	15.0	2.85	17.9	3.30	20.8	3.78	22.3	4.03	23.7	4.29	26.6	4.82	29.5	5.37
		14	15.0	2.89	17.9	3.35	20.8	3.84	22.3	4.09	23.7	4.36	26.6	4.90	29.5	5.46
		16	15.0	2.92	17.9	3.40	20.8	3.90	22.3	4.16	23.7	4.43	26.6	4.99	29.5	5.56
		18	15.0	2.97	17.9	3.45	20.8	3.96	22.3	4.23	23.7	4.51	26.6	5.07	29.5	5.67
		20	15.0	3.01	17.9	3.50	20.8	4.03	22.3	4.30	23.7	4.59	26.6	5.17	29.5	5.77
		21	15.0	3.03	17.9	3.53	20.8	4.06	22.3	4.34	23.7	4.63	26.6	5.22	29.5	5.83
		23	15.0	3.07	17.9	3.59	20.8	4.14	22.3	4.42	23.7	4.71	26.6	5.31	29.5	5.96
		25	15.0	3.12	17.9	3.65	20.8	4.21	22.3	4.51	23.7	4.86	26.6	5.58	29.5	6.36
		27	15.0	3.17	17.9	3.78	20.8	4.44	22.3	4.80	23.7	5.16	26.6	5.94	29.5	6.78
		29	15.0	3.36	17.9	4.00	20.8	4.71	22.3	5.09	23.7	5.49	26.6	6.32	29.5	7.22
		31	15.0	3.55	17.9	4.24	20.8	5.00	22.3	5.40	23.7	5.82	26.6	6.72	29.5	7.68
		33	15.0	3.74	17.9	4.48	20.8	5.30	22.3	5.73	23.7	6.18	26.6	7.14	29.5	8.16
		35	15.0	3.95	17.9	4.74	20.8	5.61	22.3	6.07	23.7	6.55	26.6	7.57	29.5	8.67
		37	15.0	4.17	17.9	5.01	20.8	5.94	22.3	6.43	23.7	6.95	26.6	8.04	29.5	9.21
		39	15.0	4.39	17.9	5.29	20.8	6.28	22.3	6.81	23.7	7.36	26.6	8.53	29.5	9.78

PA-18MX3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130	585	10	44.2	7.35	52.7	9.00	61.3	10.7	65.5	10.9	66.8	10.7	68.4	10.3	70.0	9.8
		12	44.2	7.49	52.7	9.17	61.3	10.9	65.2	10.9	66.0	10.6	67.6	10.2	69.2	10.0
		14	44.2	7.63	52.7	9.35	61.3	11.0	64.3	10.8	65.1	10.6	66.7	10.5	68.3	10.6
		16	44.2	7.78	52.7	9.53	61.3	11.0	63.5	10.9	64.3	11.0	65.8	11.1	67.4	11.2
		18	44.2	7.93	52.7	9.72	61.3	11.4	62.6	11.5	63.4	11.5	65.0	11.6	66.6	11.7
		20	44.2	8.09	52.7	10.4	60.9	12.0	61.7	12.0	62.5	12.1	64.1	12.2	65.7	12.3
		21	44.2	8.31	52.7	10.7	60.5	12.2	61.3	12.3	62.1	12.4	63.7	12.5	65.3	12.6
		23	44.2	8.90	52.7	11.5	59.6	12.8	60.4	12.9	61.2	12.9	62.8	13.1	64.4	13.2
		25	44.2	9.52	52.7	12.3	58.8	13.4	59.6	13.4	60.4	13.5	62.0	13.6	63.6	13.8
		27	44.2	10.2	52.7	13.2	57.9	13.9	58.7	14.0	59.5	14.1	61.1	14.2	62.7	14.4
		29	44.2	10.9	52.7	14.1	57.1	14.5	57.9	14.6	58.7	14.7	60.3	14.8	61.8	15.0
		31	44.2	11.6	52.7	14.9	56.2	15.1	57.0	15.1	57.8	15.2	59.4	15.4	61.0	15.6
		33	44.2	12.3	52.7	15.5	55.3	15.6	56.1	15.7	56.9	15.8	58.5	16.0	60.1	16.2
		35	44.2	13.1	52.7	16.0	54.5	16.2	55.3	16.3	56.1	16.4	57.7	16.6	59.3	16.8
		37	44.2	14.0	52.0	16.6	53.6	16.8	54.4	16.9	55.2	17.0	56.8	17.2	58.4	17.4
		39	44.2	14.9	51.2	17.2	52.8	17.4	53.6	17.5	54.4	17.6	55.9	17.8	57.5	18.0
120	540	10	40.8	6.72	48.7	8.21	56.5	9.76	60.5	10.5	64.4	11.0	67.3	10.6	68.8	10.2
		12	40.8	6.84	48.7	8.36	56.5	9.94	60.5	10.7	64.4	10.9	66.4	10.5	67.9	10.1
		14	40.8	6.97	48.7	8.52	56.5	10.1	60.5	11.0	64.1	10.9	65.6	10.5	67.1	10.5
		16	40.8	7.10	48.7	8.69	56.5	10.3	60.5	11.0	63.2	10.9	64.7	11.0	66.2	11.1
		18	40.8	7.24	48.7	8.86	56.5	10.7	60.5	11.4	62.4	11.5	63.9	11.6	65.3	11.7
		20	40.8	7.38	48.7	9.21	56.5	11.5	60.5	12.0	61.5	12.0	63.0	12.1	64.5	12.2
		21	40.8	7.45	48.7	9.54	56.5	11.9	60.4	12.2	61.1	12.3	62.6	12.4	64.0	12.5
		23	40.8	7.96	48.7	10.2	56.5	12.7	59.5	12.8	60.2	12.9	61.7	13.0	63.2	13.1
		25	40.8	8.51	48.7	10.9	56.5	13.3	58.6	13.4	59.4	13.4	60.8	13.5	62.3	13.7
		27	40.8	9.08	48.7	11.7	56.5	13.8	57.8	13.9	58.5	14.0	60.0	14.1	61.5	14.3
		29	40.8	9.69	48.7	12.5	56.2	14.4	56.9	14.5	57.7	14.6	59.1	14.7	60.6	14.8
		31	40.8	10.3	48.7	13.3	55.3	15.0	56.1	15.0	56.8	15.1	58.3	15.3	59.7	15.4
		33	40.8	11.0	48.7	14.2	54.5	15.5	55.2	15.6	55.9	15.7	57.4	15.9	58.9	16.0
		35	40.8	11.7	48.7	15.2	53.6	16.1	54.3	16.2	55.1	16.3	56.5	16.4	58.0	16.6
		37	40.8	12.5	48.7	16.2	52.7	16.7	53.5	16.8	54.2	16.9	55.7	17.0	57.2	17.2
		39	40.8	13.3	48.7	17.1	51.9	17.2	52.6	17.3	53.3	17.4	54.8	17.6	56.3	17.8
110	495	10	37.4	6.10	44.6	7.43	51.8	8.82	55.4	9.54	59.0	10.3	66.2	10.9	67.5	10.5
		12	37.4	6.21	44.6	7.57	51.8	8.99	55.4	9.72	59.0	10.5	65.3	10.8	66.7	10.5
		14	37.4	6.32	44.6	7.71	51.8	9.16	55.4	9.90	59.0	10.7	64.5	10.8	65.8	10.4
		16	37.4	6.44	44.6	7.86	51.8	9.34	55.4	10.1	59.0	10.9	63.6	10.9	64.9	11.0
		18	37.4	6.56	44.6	8.01	51.8	9.53	55.4	10.4	59.0	11.4	62.7	11.5	64.1	11.6
		20	37.4	6.69	44.6	8.17	51.8	10.1	55.4	11.2	59.0	11.9	61.9	12.0	63.2	12.1
		21	37.4	6.76	44.6	8.42	51.8	10.5	55.4	11.6	59.0	12.2	61.4	12.3	62.8	12.4
		23	37.4	7.07	44.6	9.02	51.8	11.2	55.4	12.4	59.0	12.8	60.6	12.9	61.9	13.0
		25	37.4	7.55	44.6	9.64	51.8	12.0	55.4	13.3	58.4	13.3	59.7	13.4	61.1	13.6
		27	37.4	8.06	44.6	10.3	51.8	12.8	55.4	13.8	57.5	13.9	58.9	14.0	60.2	14.1
		29	37.4	8.59	44.6	11.0	51.8	13.7	55.4	14.4	56.6	14.5	58.0	14.6	59.3	14.7
		31	37.4	9.15	44.6	11.7	51.8	14.6	55.1	14.9	55.8	15.0	57.1	15.2	58.5	15.3
		33	37.4	9.74	44.6	12.5	51.8	15.4	54.3	15.5	54.9	15.6	56.3	15.7	57.6	15.9
		35	37.4	10.4	44.6	13.3	51.8	16.0	53.4	16.1	54.1	16.2	55.4	16.3	56.8	16.5
		37	37.4	11.0	44.6	14.2	51.8	16.6	52.5	16.6	53.2	16.7	54.6	16.9	55.9	17.1
		39	37.4	11.7	44.6	15.1	51.0	17.1	51.7	17.2	52.3	17.3	53.7	17.5	55.0	17.6
100	450	10	34.0	5.50	40.6	6.67	47.1	7.91	50.4	8.54	53.7	9.19	60.2	10.5	66.3	10.9
		12	34.0	5.60	40.6	6.79	47.1	8.05	50.4	8.70	53.7	9.36	60.2	10.7	65.4	10.8
		14	34.0	5.70	40.6	6.92	47.1	8.21	50.4	8.87	53.7	9.54	60.2	10.9	64.6	10.8
		16	34.0	5.80	40.6	7.05	47.1	8.37	50.4	9.04	53.7	9.73	60.2	11.0	63.7	10.9
		18	34.0	5.91	40.6	7.19	47.1	8.53	50.4	9.22	53.7	9.92	60.2	11.4	62.8	11.5
		20	34.0	6.02	40.6	7.33	47.1	8.79	50.4	9.68	53.7	10.6	60.2	12.0	62.0	12.0
		21	34.0	6.08	40.6	7.40	47.1	9.10	50.4	10.0	53.7	11.0	60.2	12.2	61.5	12.3
		23	34.0	6.24	40.6	7.89	47.1	9.75	50.4	10.8	53.7	11.8	59.5	12.8	60.7	12.9
		25	34.0	6.66	40.6	8.44	47.1	10.4	50.4	11.5	53.7	12.6	58.6	13.4	59.8	13.5
		27	34.0	7.10	40.6	9.01	47.1	11.1	50.4	12.3	53.7	13.5	57.7	13.9	59.0	14.0
		29	34.0	7.56	40.6	9.60	47.1	11.9	50.4	13.1	53.7	14.4	56.9	14.5	58.1	14.6
		31	34.0	8.04	40.6	10.2	47.1	12.7	50.4	14.0	53.7	14.9	56.0	15.0	57.2	15.2
		33	34.0	8.55	40.6	10.9	47.1	13.5	50.4	15.0	53.7	15.5	55.1	15.6	56.4	15.7
		35	34.0	9.09	40.6	11.6	47.1	14.4	50.4	16.0	53.1	16.0	54.3	16.2	55.5	16.3
		37	34.0	9.66	40.6	12.3	47.1	15.4	50.4	16.5	52.2	16.6	53.4	16.8	54.7	16.9
		39	34.0	10.3	40.6	13.1	47.1	16.4	50.4	17.1	51.3	17.2	52.6	17.3	53.8	17.5

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	405	10	30.6	4.93	36.5	5.94	42.4	7.01	45.4	7.57	48.3	8.14	54.2	9.29	60.1	10.5
		12	30.6	5.01	36.5	6.05	42.4	7.14	45.4	7.71	48.3	8.29	54.2	9.47	60.1	10.7
		14	30.6	5.10	36.5	6.16	42.4	7.28	45.4	7.86	48.3	8.45	54.2	9.65	60.1	10.9
		16	30.6	5.19	36.5	6.27	42.4	7.42	45.4	8.01	48.3	8.61	54.2	9.84	60.1	11.1
		18	30.6	5.28	36.5	6.39	42.4	7.56	45.4	8.16	48.3	8.78	54.2	10.0	60.1	11.4
		20	30.6	5.38	36.5	6.51	42.4	7.71	45.4	8.33	48.3	9.11	54.2	10.8	60.1	12.0
		21	30.6	5.43	36.5	6.58	42.4	7.84	45.4	8.62	48.3	9.43	54.2	11.2	60.1	12.2
		23	30.6	5.53	36.5	6.85	42.4	8.39	45.4	9.23	48.3	10.1	54.2	12.0	59.4	12.8
		25	30.6	5.82	36.5	7.31	42.4	8.97	45.4	9.87	48.3	10.8	54.2	12.8	58.6	13.3
		27	30.6	6.20	36.5	7.80	42.4	9.58	45.4	10.5	48.3	11.6	54.2	13.7	57.7	13.9
		29	30.6	6.60	36.5	8.31	42.4	10.2	45.4	11.3	48.3	12.3	54.2	14.4	56.8	14.5
		31	30.6	7.01	36.5	8.85	42.4	10.9	45.4	12.0	48.3	13.2	54.2	14.9	56.0	15.0
		33	30.6	7.45	36.5	9.41	42.4	11.6	45.4	12.8	48.3	14.1	54.0	15.5	55.1	15.6
		35	30.6	7.91	36.5	10.0	42.4	12.4	45.4	13.6	48.3	15.0	53.2	16.1	54.3	16.2
		37	30.6	8.39	36.5	10.6	42.4	13.2	45.4	14.5	48.3	16.0	52.3	16.6	53.4	16.8
		39	30.6	8.91	36.5	11.3	42.4	14.0	45.4	15.5	48.3	17.0	51.4	17.2	52.5	17.3
80	360	10	27.2	4.37	32.5	5.24	37.7	6.15	40.3	6.63	42.9	7.11	48.2	8.11	53.4	9.14
		12	27.2	4.44	32.5	5.33	37.7	6.26	40.3	6.75	42.9	7.24	48.2	8.26	53.4	9.31
		14	27.2	4.52	32.5	5.42	37.7	6.38	40.3	6.87	42.9	7.38	48.2	8.42	53.4	9.49
		16	27.2	4.59	32.5	5.52	37.7	6.50	40.3	7.00	42.9	7.52	48.2	8.58	53.4	9.67
		18	27.2	4.67	32.5	5.62	37.7	6.62	40.3	7.14	42.9	7.67	48.2	8.75	53.4	9.87
		20	27.2	4.76	32.5	5.72	37.7	6.75	40.3	7.28	42.9	7.82	48.2	9.07	53.4	10.6
		21	27.2	4.80	32.5	5.78	37.7	6.81	40.3	7.35	42.9	7.98	48.2	9.40	53.4	10.9
		23	27.2	4.89	32.5	5.89	37.7	7.15	40.3	7.83	42.9	8.54	48.2	10.1	53.4	11.7
		25	27.2	5.05	32.5	6.27	37.7	7.63	40.3	8.36	42.9	9.13	48.2	10.8	53.4	12.6
		27	27.2	5.37	32.5	6.68	37.7	8.14	40.3	8.93	42.9	9.75	48.2	11.5	53.4	13.4
		29	27.2	5.70	32.5	7.11	37.7	8.68	40.3	9.52	42.9	10.4	48.2	12.3	53.4	14.4
		31	27.2	6.06	32.5	7.56	37.7	9.24	40.3	10.1	42.9	11.1	48.2	13.1	53.4	14.9
		33	27.2	6.43	32.5	8.04	37.7	9.84	40.3	10.8	42.9	11.8	48.2	14.0	53.4	15.5
		35	27.2	6.81	32.5	8.54	37.7	10.5	40.3	11.5	42.9	12.6	48.2	14.9	53.0	16.0
		37	27.2	7.22	32.5	9.07	37.7	11.1	40.3	12.2	42.9	13.4	48.2	15.9	52.2	16.6
		39	27.2	7.65	32.5	9.63	37.7	11.8	40.3	13.0	42.9	14.3	48.2	16.9	51.3	17.2
70	315	10	23.8	3.84	28.4	4.56	33.0	5.33	35.3	5.72	37.6	6.13	42.2	6.97	46.8	7.83
		12	23.8	3.90	28.4	4.64	33.0	5.42	35.3	5.82	37.6	6.24	42.2	7.10	46.8	7.98
		14	23.8	3.96	28.4	4.72	33.0	5.51	35.3	5.93	37.6	6.35	42.2	7.23	46.8	8.13
		16	23.8	4.03	28.4	4.80	33.0	5.61	35.3	6.04	37.6	6.47	42.2	7.37	46.8	8.29
		18	23.8	4.09	28.4	4.88	33.0	5.72	35.3	6.15	37.6	6.60	42.2	7.51	46.8	8.45
		20	23.8	4.16	28.4	4.97	33.0	5.82	35.3	6.27	37.6	6.72	42.2	7.66	46.8	8.69
		21	23.8	4.20	28.4	5.01	33.0	5.88	35.3	6.33	37.6	6.79	42.2	7.78	46.8	9.00
		23	23.8	4.27	28.4	5.11	33.0	6.00	35.3	6.55	37.6	7.11	42.2	8.33	46.8	9.64
		25	23.8	4.35	28.4	5.31	33.0	6.40	35.3	6.99	37.6	7.60	42.2	8.90	46.8	10.3
		27	23.8	4.60	28.4	5.65	33.0	6.82	35.3	7.45	37.6	8.10	42.2	9.50	46.8	11.0
		29	23.8	4.88	28.4	6.01	33.0	7.26	35.3	7.93	37.6	8.64	42.2	10.1	46.8	11.8
		31	23.8	5.17	28.4	6.38	33.0	7.72	35.3	8.45	37.6	9.20	42.2	10.8	46.8	12.6
		33	23.8	5.48	28.4	6.77	33.0	8.21	35.3	8.98	37.6	9.79	42.2	11.5	46.8	13.4
		35	23.8	5.80	28.4	7.19	33.0	8.72	35.3	9.55	37.6	10.4	42.2	12.3	46.8	14.3
		37	23.8	6.14	28.4	7.62	33.0	9.27	35.3	10.2	37.6	11.1	42.2	13.1	46.8	15.2
		39	23.8	6.50	28.4	8.08	33.0	9.84	35.3	10.8	37.6	11.8	42.2	13.9	46.8	16.2
60	270	10	20.4	3.34	24.3	3.93	28.3	4.54	30.2	4.86	32.2	5.19	36.1	5.87	40.1	6.58
		12	20.4	3.39	24.3	3.99	28.3	4.62	30.2	4.95	32.2	5.28	36.1	5.98	40.1	6.70
		14	20.4	3.44	24.3	4.05	28.3	4.69	30.2	5.03	32.2	5.38	36.1	6.09	40.1	6.83
		16	20.4	3.49	24.3	4.11	28.3	4.78	30.2	5.12	32.2	5.47	36.1	6.20	40.1	6.95
		18	20.4	3.55	24.3	4.18	28.3	4.86	30.2	5.21	32.2	5.57	36.1	6.32	40.1	7.09
		20	20.4	3.60	24.3	4.25	28.3	4.95	30.2	5.31	32.2	5.68	36.1	6.44	40.1	7.23
		21	20.4	3.63	24.3	4.29	28.3	4.99	30.2	5.36	32.2	5.73	36.1	6.50	40.1	7.30
		23	20.4	3.69	24.3	4.37	28.3	5.08	30.2	5.46	32.2	5.84	36.1	6.76	40.1	7.76
		25	20.4	3.75	24.3	4.44	28.3	5.28	30.2	5.74	32.2	6.21	36.1	7.21	40.1	8.29
		27	20.4	3.89	24.3	4.71	28.3	5.62	30.2	6.11	32.2	6.61	36.1	7.69	40.1	8.85
		29	20.4	4.12	24.3	5.00	28.3	5.98	30.2	6.50	32.2	7.04	36.1	8.19	40.1	9.44
		31	20.4	4.36	24.3	5.31	28.3	6.35	30.2	6.90	32.2	7.49	36.1	8.72	40.1	10.1
		33	20.4	4.61	24.3	5.62	28.3	6.74	30.2	7.33	32.2	7.96	36.1	9.28	40.1	10.7
		35	20.4	4.88	24.3	5.96	28.3	7.15	30.2	7.79	32.2	8.45	36.1	9.87	40.1	11.4
		37	20.4	5.16	24.3	6.31	28.3	7.58	30.2	8.26	32.2	8.97	36.1	10.5	40.1	12.1
		39	20.4	5.45	24.3	6.68	28.3	8.04	30.2	8.76	32.2	9.53	36.1	11.2	40.1	12.9

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	225	10	17.0	2.87	20.3	3.33	23.6	3.81	25.2	4.06	26.8	4.31	30.1	4.84	33.4	5.40
		12	17.0	2.91	20.3	3.37	23.6	3.87	25.2	4.12	26.8	4.38	30.1	4.92	33.4	5.49
		14	17.0	2.95	20.3	3.42	23.6	3.93	25.2	4.19	26.8	4.45	30.1	5.01	33.4	5.59
		16	17.0	2.99	20.3	3.47	23.6	3.99	25.2	4.26	26.8	4.53	30.1	5.10	33.4	5.69
		18	17.0	3.03	20.3	3.53	23.6	4.05	25.2	4.33	26.8	4.61	30.1	5.19	33.4	5.79
		20	17.0	3.08	20.3	3.58	23.6	4.12	25.2	4.40	26.8	4.69	30.1	5.28	33.4	5.90
		21	17.0	3.10	20.3	3.61	23.6	4.16	25.2	4.44	26.8	4.73	30.1	5.33	33.4	5.96
		23	17.0	3.14	20.3	3.67	23.6	4.23	25.2	4.52	26.8	4.82	30.1	5.43	33.4	6.10
		25	17.0	3.19	20.3	3.73	23.6	4.30	25.2	4.61	26.8	4.96	30.1	5.71	33.4	6.50
		27	17.0	3.24	20.3	3.86	23.6	4.54	25.2	4.90	26.8	5.28	30.1	6.08	33.4	6.93
		29	17.0	3.43	20.3	4.09	23.6	4.82	25.2	5.21	26.8	5.61	30.1	6.46	33.4	7.38
		31	17.0	3.63	20.3	4.33	23.6	5.11	25.2	5.52	26.8	5.96	30.1	6.87	33.4	7.85
		33	17.0	3.83	20.3	4.58	23.6	5.41	25.2	5.86	26.8	6.32	30.1	7.30	33.4	8.35
		35	17.0	4.04	20.3	4.85	23.6	5.73	25.2	6.21	26.8	6.70	30.1	7.74	33.4	8.87
		37	17.0	4.26	20.3	5.12	23.6	6.07	25.2	6.57	26.8	7.10	30.1	8.22	33.4	9.42
		39	17.0	4.49	20.3	5.41	23.6	6.42	25.2	6.96	26.8	7.52	30.1	8.72	33.4	10.0

PA-20MX3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130	650	10	49.1	8.29	58.6	10.1	68.1	12.1	72.8	12.3	74.3	12.1	76.0	11.6	77.8	11.0
		12	49.1	8.44	58.6	10.3	68.1	12.3	72.4	12.3	73.3	12.0	75.1	11.5	76.8	11.3
		14	49.1	8.60	58.6	10.5	68.1	12.5	71.5	12.2	72.3	11.9	74.1	11.8	75.9	11.9
		16	49.1	8.77	58.6	10.7	68.1	12.4	70.5	12.3	71.4	12.4	73.2	12.5	74.9	12.6
		18	49.1	8.94	58.6	11.0	68.1	12.9	69.5	12.9	70.4	13.0	72.2	13.1	74.0	13.2
		20	49.1	9.12	58.6	11.7	67.7	13.5	68.6	13.6	69.5	13.6	71.3	13.8	73.0	13.9
		21	49.1	9.37	58.6	12.1	67.2	13.8	68.1	13.9	69.0	13.9	70.8	14.1	72.5	14.2
		23	49.1	10.0	58.6	13.0	66.3	14.4	67.2	14.5	68.0	14.6	69.8	14.7	71.6	14.9
		25	49.1	10.7	58.6	13.9	65.3	15.1	66.2	15.1	67.1	15.2	68.9	15.4	70.6	15.5
		27	49.1	11.5	58.6	14.8	64.4	15.7	65.2	15.8	66.1	15.9	67.9	16.0	69.7	16.2
		29	49.1	12.2	58.6	15.9	63.4	16.3	64.3	16.4	65.2	16.5	66.9	16.7	68.7	16.9
		31	49.1	13.0	58.6	16.8	62.4	17.0	63.3	17.1	64.2	17.2	66.0	17.3	67.8	17.5
		33	49.1	13.9	58.6	17.4	61.5	17.6	62.4	17.7	63.3	17.8	65.0	18.0	66.8	18.2
		35	49.1	14.8	58.6	18.1	60.5	18.3	61.4	18.4	62.3	18.5	64.1	18.7	65.8	18.9
		37	49.1	15.8	57.8	18.7	59.6	18.9	60.5	19.0	61.3	19.1	63.1	19.3	64.9	19.6
		39	49.1	16.8	56.8	19.3	58.6	19.6	59.5	19.7	60.4	19.8	62.2	20.0	63.9	20.3
120	600	10	45.4	7.57	54.1	9.25	62.8	11.0	67.2	11.9	71.6	12.4	74.8	11.9	76.4	11.5
		12	45.4	7.71	54.1	9.42	62.8	11.2	67.2	12.1	71.6	12.3	73.8	11.9	75.5	11.4
		14	45.4	7.85	54.1	9.60	62.8	11.4	67.2	12.3	71.2	12.3	72.9	11.8	74.5	11.9
		16	45.4	8.00	54.1	9.79	62.8	11.6	67.2	12.4	70.3	12.3	71.9	12.4	73.5	12.5
		18	45.4	8.16	54.1	10.0	62.8	12.0	67.2	12.9	69.3	12.9	71.0	13.0	72.6	13.1
		20	45.4	8.32	54.1	10.4	62.8	12.9	67.2	13.5	68.4	13.5	70.0	13.7	71.6	13.8
		21	45.4	8.40	54.1	10.7	62.8	13.4	67.1	13.8	67.9	13.9	69.5	14.0	71.2	14.1
		23	45.4	8.97	54.1	11.5	62.8	14.4	66.1	14.4	66.9	14.5	68.6	14.6	70.2	14.8
		25	45.4	9.59	54.1	12.3	62.8	15.0	65.2	15.1	66.0	15.1	67.6	15.3	69.2	15.4
		27	45.4	10.2	54.1	13.2	62.8	15.6	64.2	15.7	65.0	15.8	66.7	15.9	68.3	16.1
		29	45.4	10.9	54.1	14.1	62.4	16.2	63.2	16.3	64.1	16.4	65.7	16.6	67.3	16.7
		31	45.4	11.6	54.1	15.0	61.5	16.9	62.3	17.0	63.1	17.0	64.7	17.2	66.4	17.4
		33	45.4	12.4	54.1	16.0	60.5	17.5	61.3	17.6	62.1	17.7	63.8	17.9	65.4	18.1
		35	45.4	13.2	54.1	17.1	59.6	18.1	60.4	18.2	61.2	18.3	62.8	18.5	64.5	18.7
		37	45.4	14.0	54.1	18.2	58.6	18.8	59.4	18.9	60.2	19.0	61.9	19.2	63.5	19.4
		39	45.4	14.9	54.1	19.2	57.6	19.4	58.5	19.5	59.3	19.6	60.9	19.9	62.5	20.1
110	550	10	41.6	6.88	49.6	8.37	57.6	9.94	61.6	10.7	65.6	11.6	73.5	12.3	75.0	11.9
		12	41.6	7.00	49.6	8.53	57.6	10.1	61.6	11.0	65.6	11.8	72.6	12.2	74.1	11.8
		14	41.6	7.13	49.6	8.69	57.6	10.3	61.6	11.2	65.6	12.0	71.6	12.1	73.1	11.8
		16	41.6	7.26	49.6	8.86	57.6	10.5	61.6	11.4	65.6	12.2	70.7	12.3	72.2	12.4
		18	41.6	7.40	49.6	9.03	57.6	10.7	61.6	11.7	65.6	12.8	69.7	12.9	71.2	13.0
		20	41.6	7.54	49.6	9.21	57.6	11.4	61.6	12.6	65.6	13.5	68.7	13.6	70.2	13.7
		21	41.6	7.62	49.6	9.49	57.6	11.8	61.6	13.0	65.6	13.8	68.3	13.9	69.8	14.0
		23	41.6	7.97	49.6	10.2	57.6	12.6	61.6	14.0	65.6	14.4	67.3	14.5	68.8	14.6
		25	41.6	8.51	49.6	10.9	57.6	13.5	61.6	15.0	64.9	15.0	66.4	15.2	67.9	15.3
		27	41.6	9.08	49.6	11.6	57.6	14.5	61.6	15.6	63.9	15.7	65.4	15.8	66.9	15.9
		29	41.6	9.68	49.6	12.4	57.6	15.5	61.6	16.2	62.9	16.3	64.4	16.4	65.9	16.6
		31	41.6	10.3	49.6	13.2	57.6	16.5	61.2	16.8	62.0	16.9	63.5	17.1	65.0	17.2
		33	41.6	11.0	49.6	14.1	57.6	17.4	60.3	17.5	61.0	17.6	62.5	17.7	64.0	17.9
		35	41.6	11.7	49.6	15.0	57.6	18.0	59.3	18.1	60.1	18.2	61.6	18.4	63.1	18.6
		37	41.6	12.4	49.6	16.0	57.6	18.7	58.4	18.8	59.1	18.9	60.6	19.0	62.1	19.2
		39	41.6	13.2	49.6	17.0	56.7	19.3	57.4	19.4	58.2	19.5	59.7	19.7	61.2	19.9
100	500	10	37.8	6.20	45.1	7.52	52.4	8.91	56.0	9.63	59.6	10.4	66.9	11.8	73.6	12.2
		12	37.8	6.31	45.1	7.66	52.4	9.08	56.0	9.81	59.6	10.6	66.9	12.1	72.7	12.2
		14	37.8	6.42	45.1	7.80	52.4	9.25	56.0	10.0	59.6	10.8	66.9	12.3	71.7	12.1
		16	37.8	6.54	45.1	7.95	52.4	9.43	56.0	10.2	59.6	11.0	66.9	12.5	70.8	12.3
		18	37.8	6.66	45.1	8.10	52.4	9.62	56.0	10.4	59.6	11.2	66.9	12.9	69.8	12.9
		20	37.8	6.79	45.1	8.26	52.4	9.91	56.0	10.9	59.6	12.0	66.9	13.5	68.9	13.6
		21	37.8	6.85	45.1	8.34	52.4	10.3	56.0	11.3	59.6	12.4	66.9	13.8	68.4	13.9
		23	37.8	7.03	45.1	8.90	52.4	11.0	56.0	12.1	59.6	13.3	66.1	14.4	67.4	14.5
		25	37.8	7.51	45.1	9.51	52.4	11.8	56.0	13.0	59.6	14.2	65.1	15.0	66.5	15.2
		27	37.8	8.00	45.1	10.1	52.4	12.6	56.0	13.9	59.6	15.2	64.1	15.7	65.5	15.8
		29	37.8	8.52	45.1	10.8	52.4	13.4	56.0	14.8	59.6	16.2	63.2	16.3	64.6	16.5
		31	37.8	9.07	45.1	11.5	52.4	14.3	56.0	15.8	59.6	16.8	62.2	17.0	63.6	17.1
		33	37.8	9.64	45.1	12.3	52.4	15.3	56.0	16.9	59.6	17.4	61.3	17.6	62.6	17.7
		35	37.8	10.2	45.1	13.1	52.4	16.3	56.0	18.0	59.0	18.1	60.3	18.2	61.7	18.4
		37	37.8	10.9	45.1	13.9	52.4	17.3	56.0	18.6	58.0	18.7	59.4	18.9	60.7	19.1
		39	37.8	11.6	45.1	14.8	52.4	18.5	56.0	19.3	57.0	19.4	58.4	19.5	59.8	19.7

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	450	10	34.0	5.55	40.6	6.70	47.1	7.91	50.4	8.53	53.7	9.17	60.2	10.5	66.8	11.8
		12	34.0	5.65	40.6	6.81	47.1	8.05	50.4	8.69	53.7	9.34	60.2	10.7	66.8	12.0
		14	34.0	5.74	40.6	6.94	47.1	8.20	50.4	8.85	53.7	9.52	60.2	10.9	66.8	12.3
		16	34.0	5.84	40.6	7.07	47.1	8.36	50.4	9.03	53.7	9.70	60.2	11.1	66.8	12.5
		18	34.0	5.95	40.6	7.20	47.1	8.52	50.4	9.20	53.7	9.90	60.2	11.3	66.8	12.8
		20	34.0	6.06	40.6	7.34	47.1	8.69	50.4	9.39	53.7	10.3	60.2	12.2	66.8	13.5
		21	34.0	6.12	40.6	7.41	47.1	8.84	50.4	9.71	53.7	10.6	60.2	12.6	66.8	13.8
		23	34.0	6.23	40.6	7.72	47.1	9.46	50.4	10.4	53.7	11.4	60.2	13.5	66.0	14.4
		25	34.0	6.56	40.6	8.24	47.1	10.1	50.4	11.1	53.7	12.2	60.2	14.5	65.1	15.0
		27	34.0	6.99	40.6	8.79	47.1	10.8	50.4	11.9	53.7	13.0	60.2	15.5	64.1	15.7
		29	34.0	7.44	40.6	9.36	47.1	11.5	50.4	12.7	53.7	13.9	60.2	16.2	63.2	16.3
		31	34.0	7.90	40.6	9.97	47.1	12.3	50.4	13.5	53.7	14.9	60.2	16.8	62.2	17.0
		33	34.0	8.40	40.6	10.6	47.1	13.1	50.4	14.4	53.7	15.8	60.0	17.5	61.3	17.6
		35	34.0	8.92	40.6	11.3	47.1	13.9	50.4	15.4	53.7	16.9	59.1	18.1	60.3	18.2
		37	34.0	9.46	40.6	12.0	47.1	14.8	50.4	16.4	53.7	18.0	58.1	18.7	59.3	18.9
		39	34.0	10.0	40.6	12.7	47.1	15.8	50.4	17.4	53.7	19.2	57.2	19.4	58.4	19.5
80	400	10	30.2	4.93	36.1	5.90	41.9	6.93	44.8	7.47	47.7	8.02	53.5	9.1	59.4	10.3
		12	30.2	5.01	36.1	6.00	41.9	7.06	44.8	7.61	47.7	8.17	53.5	9.3	59.4	10.5
		14	30.2	5.09	36.1	6.11	41.9	7.19	44.8	7.75	47.7	8.32	53.5	9.5	59.4	10.7
		16	30.2	5.18	36.1	6.22	41.9	7.32	44.8	7.89	47.7	8.48	53.5	9.7	59.4	10.9
		18	30.2	5.27	36.1	6.33	41.9	7.46	44.8	8.05	47.7	8.64	53.5	9.9	59.4	11.1
		20	30.2	5.36	36.1	6.45	41.9	7.61	44.8	8.20	47.7	8.82	53.5	10.2	59.4	11.9
		21	30.2	5.41	36.1	6.51	41.9	7.68	44.8	8.29	47.7	9.00	53.5	10.6	59.4	12.3
		23	30.2	5.51	36.1	6.64	41.9	8.05	44.8	8.82	47.7	9.63	53.5	11.3	59.4	13.2
		25	30.2	5.69	36.1	7.07	41.9	8.60	44.8	9.43	47.7	10.3	53.5	12.1	59.4	14.1
		27	30.2	6.05	36.1	7.53	41.9	9.18	44.8	10.1	47.7	11.0	53.5	13.0	59.4	15.1
		29	30.2	6.43	36.1	8.01	41.9	9.78	44.8	10.7	47.7	11.7	53.5	13.9	59.4	16.2
		31	30.2	6.83	36.1	8.52	41.9	10.4	44.8	11.4	47.7	12.5	53.5	14.8	59.4	16.8
		33	30.2	7.24	36.1	9.06	41.9	11.1	44.8	12.2	47.7	13.3	53.5	15.8	59.4	17.4
		35	30.2	7.68	36.1	9.62	41.9	11.8	44.8	13.0	47.7	14.2	53.5	16.8	58.9	18.1
		37	30.2	8.14	36.1	10.2	41.9	12.5	44.8	13.8	47.7	15.1	53.5	17.9	57.9	18.7
		39	30.2	8.63	36.1	10.8	41.9	13.3	44.8	14.7	47.7	16.1	53.5	19.1	57.0	19.4
70	350	10	26.5	4.33	31.6	5.14	36.7	6.00	39.2	6.45	41.7	6.91	46.8	7.85	51.9	8.83
		12	26.5	4.40	31.6	5.23	36.7	6.11	39.2	6.56	41.7	7.03	46.8	8.00	51.9	9.00
		14	26.5	4.47	31.6	5.32	36.7	6.21	39.2	6.68	41.7	7.16	46.8	8.15	51.9	9.17
		16	26.5	4.54	31.6	5.41	36.7	6.33	39.2	6.81	41.7	7.29	46.8	8.30	51.9	9.34
		18	26.5	4.61	31.6	5.50	36.7	6.44	39.2	6.93	41.7	7.43	46.8	8.46	51.9	9.53
		20	26.5	4.69	31.6	5.60	36.7	6.56	39.2	7.07	41.7	7.58	46.8	8.63	51.9	9.79
		21	26.5	4.73	31.6	5.65	36.7	6.63	39.2	7.13	41.7	7.65	46.8	8.77	51.9	10.1
		23	26.5	4.81	31.6	5.76	36.7	6.76	39.2	7.38	41.7	8.02	46.8	9.38	51.9	10.9
		25	26.5	4.90	31.6	5.99	36.7	7.21	39.2	7.87	41.7	8.56	46.8	10.0	51.9	11.6
		27	26.5	5.18	31.6	6.37	36.7	7.69	39.2	8.40	41.7	9.14	46.8	10.7	51.9	12.4
		29	26.5	5.50	31.6	6.77	36.7	8.18	39.2	8.94	41.7	9.74	46.8	11.4	51.9	13.3
		31	26.5	5.83	31.6	7.19	36.7	8.71	39.2	9.52	41.7	10.4	46.8	12.2	51.9	14.1
		33	26.5	6.18	31.6	7.64	36.7	9.25	39.2	10.1	41.7	11.0	46.8	13.0	51.9	15.1
		35	26.5	6.54	31.6	8.10	36.7	9.83	39.2	10.8	41.7	11.7	46.8	13.8	51.9	16.1
		37	26.5	6.93	31.6	8.59	36.7	10.4	39.2	11.4	41.7	12.5	46.8	14.7	51.9	17.1
		39	26.5	7.33	31.6	9.11	36.7	11.1	39.2	12.2	41.7	13.3	46.8	15.7	51.9	18.2
60	300	10	22.7	3.77	27.0	4.42	31.4	5.12	33.6	5.48	35.8	5.85	40.2	6.62	44.5	7.42
		12	22.7	3.82	27.0	4.49	31.4	5.20	33.6	5.57	35.8	5.95	40.2	6.74	44.5	7.55
		14	22.7	3.88	27.0	4.56	31.4	5.29	33.6	5.67	35.8	6.06	40.2	6.86	44.5	7.69
		16	22.7	3.94	27.0	4.64	31.4	5.38	33.6	5.77	35.8	6.17	40.2	6.99	44.5	7.84
		18	22.7	4.00	27.0	4.71	31.4	5.48	33.6	5.87	35.8	6.28	40.2	7.12	44.5	7.99
		20	22.7	4.06	27.0	4.79	31.4	5.57	33.6	5.98	35.8	6.40	40.2	7.26	44.5	8.15
		21	22.7	4.09	27.0	4.84	31.4	5.63	33.6	6.04	35.8	6.46	40.2	7.33	44.5	8.23
		23	22.7	4.16	27.0	4.92	31.4	5.73	33.6	6.15	35.8	6.58	40.2	7.61	44.5	8.75
		25	22.7	4.23	27.0	5.01	31.4	5.95	33.6	6.46	35.8	7.00	40.2	8.13	44.5	9.35
		27	22.7	4.38	27.0	5.31	31.4	6.34	33.6	6.88	35.8	7.45	40.2	8.67	44.5	9.98
		29	22.7	4.64	27.0	5.64	31.4	6.73	33.6	7.32	35.8	7.93	40.2	9.24	44.5	10.6
		31	22.7	4.92	27.0	5.98	31.4	7.15	33.6	7.78	35.8	8.44	40.2	9.83	44.5	11.3
		33	22.7	5.20	27.0	6.34	31.4	7.59	33.6	8.27	35.8	8.97	40.2	10.5	44.5	12.1
		35	22.7	5.50	27.0	6.71	31.4	8.06	33.6	8.78	35.8	9.53	40.2	11.1	44.5	12.9
		37	22.7	5.81	27.0	7.11	31.4	8.54	33.6	9.31	35.8	10.1	40.2	11.8	44.5	13.7
		39	22.7	6.14	27.0	7.52	31.4	9.06	33.6	9.88	35.8	10.7	40.2	12.6	44.5	14.5

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	250	10	18.9	3.24	22.5	3.75	26.2	4.29	28.0	4.57	29.8	4.86	33.5	5.46	37.1	6.08
		12	18.9	3.28	22.5	3.80	26.2	4.36	28.0	4.64	29.8	4.94	33.5	5.55	37.1	6.19
		14	18.9	3.33	22.5	3.86	26.2	4.42	28.0	4.72	29.8	5.02	33.5	5.65	37.1	6.30
		16	18.9	3.37	22.5	3.92	26.2	4.49	28.0	4.80	29.8	5.11	33.5	5.75	37.1	6.41
		18	18.9	3.42	22.5	3.98	26.2	4.57	28.0	4.88	29.8	5.19	33.5	5.85	37.1	6.53
		20	18.9	3.47	22.5	4.04	26.2	4.64	28.0	4.96	29.8	5.28	33.5	5.96	37.1	6.65
		21	18.9	3.49	22.5	4.07	26.2	4.68	28.0	5.00	29.8	5.33	33.5	6.01	37.1	6.72
		23	18.9	3.54	22.5	4.14	26.2	4.77	28.0	5.09	29.8	5.43	33.5	6.12	37.1	6.87
		25	18.9	3.60	22.5	4.20	26.2	4.85	28.0	5.20	29.8	5.59	33.5	6.43	37.1	7.33
		27	18.9	3.66	22.5	4.35	26.2	5.12	28.0	5.53	29.8	5.95	33.5	6.85	37.1	7.81
		29	18.9	3.87	22.5	4.61	26.2	5.43	28.0	5.87	29.8	6.32	33.5	7.28	37.1	8.32
		31	18.9	4.09	22.5	4.88	26.2	5.76	28.0	6.23	29.8	6.71	33.5	7.74	37.1	8.85
		33	18.9	4.31	22.5	5.17	26.2	6.10	28.0	6.60	29.8	7.12	33.5	8.22	37.1	9.41
		35	18.9	4.55	22.5	5.46	26.2	6.46	28.0	7.00	29.8	7.55	33.5	8.73	37.1	10.0
		37	18.9	4.80	22.5	5.77	26.2	6.84	28.0	7.41	29.8	8.00	33.5	9.26	37.1	10.6
		39	18.9	5.06	22.5	6.10	26.2	7.24	28.0	7.85	29.8	8.48	33.5	9.83	37.1	11.3

PA-22MX3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130	715	10	54.0	9.00	64.4	11.0	74.8	13.1	80.0	13.4	81.6	13.1	83.5	12.6	85.4	12.0
		12	54.0	9.17	64.4	11.2	74.8	13.4	79.5	13.3	80.5	13.0	82.5	12.5	84.4	12.3
		14	54.0	9.34	64.4	11.4	74.8	13.5	78.5	13.2	79.5	13.0	81.4	12.9	83.3	13.0
		16	54.0	9.52	64.4	11.7	74.8	13.5	77.4	13.4	78.4	13.4	80.3	13.6	82.3	13.7
		18	54.0	9.71	64.4	11.9	74.8	14.0	76.4	14.0	77.4	14.1	79.3	14.2	81.2	14.4
		20	54.0	9.90	64.4	12.7	74.4	14.7	75.3	14.7	76.3	14.8	78.2	14.9	80.2	15.1
		21	54.0	10.2	64.4	13.1	73.8	15.0	74.8	15.1	75.8	15.1	77.7	15.3	79.7	15.4
		23	54.0	10.9	64.4	14.1	72.8	15.7	73.8	15.8	74.7	15.8	76.7	16.0	78.6	16.2
		25	54.0	11.7	64.4	15.1	71.7	16.4	72.7	16.4	73.7	16.5	75.6	16.7	77.6	16.9
		27	54.0	12.4	64.4	16.1	70.7	17.1	71.7	17.1	72.6	17.2	74.6	17.4	76.5	17.6
		29	54.0	13.3	64.4	17.2	69.6	17.7	70.6	17.8	71.6	17.9	73.5	18.1	75.5	18.3
		31	54.0	14.2	64.4	18.2	68.6	18.4	69.6	18.5	70.5	18.6	72.5	18.8	74.4	19.0
		33	54.0	15.1	64.4	18.9	67.5	19.1	68.5	19.2	69.5	19.3	71.4	19.6	73.4	19.8
		35	54.0	16.1	64.4	19.6	66.5	19.8	67.5	19.9	68.4	20.1	70.4	20.3	72.3	20.5
		37	54.0	17.1	63.5	20.3	65.4	20.5	66.4	20.7	67.4	20.8	69.3	21.0	71.3	21.3
		39	54.0	18.2	62.4	21.0	64.4	21.2	65.4	21.4	66.3	21.5	68.3	21.7	70.2	22.0
120	660	10	49.8	8.22	59.4	10.0	69.0	11.9	73.8	12.9	78.6	13.5	82.1	12.9	83.9	12.4
		12	49.8	8.38	59.4	10.2	69.0	12.2	73.8	13.2	78.6	13.4	81.1	12.9	82.9	12.4
		14	49.8	8.53	59.4	10.4	69.0	12.4	73.8	13.4	78.2	13.3	80.0	12.8	81.8	12.9
		16	49.8	8.69	59.4	10.6	69.0	12.6	73.8	13.5	77.2	13.3	79.0	13.5	80.8	13.6
		18	49.8	8.86	59.4	10.8	69.0	13.1	73.8	14.0	76.1	14.0	77.9	14.2	79.7	14.3
		20	49.8	9.04	59.4	11.3	69.0	14.1	73.8	14.6	75.1	14.7	76.9	14.8	78.7	15.0
		21	49.8	9.13	59.4	11.7	69.0	14.6	73.7	15.0	74.6	15.0	76.3	15.2	78.1	15.3
		23	49.8	9.75	59.4	12.5	69.0	15.6	72.6	15.7	73.5	15.7	75.3	15.9	77.1	16.0
		25	49.8	10.4	59.4	13.4	69.0	16.3	71.6	16.3	72.5	16.4	74.2	16.6	76.0	16.7
		27	49.8	11.1	59.4	14.3	69.0	17.0	70.5	17.0	71.4	17.1	73.2	17.3	75.0	17.5
		29	49.8	11.9	59.4	15.3	68.6	17.6	69.5	17.7	70.4	17.8	72.1	18.0	73.9	18.2
		31	49.8	12.6	59.4	16.3	67.5	18.3	68.4	18.4	69.3	18.5	71.1	18.7	72.9	18.9
		33	49.8	13.5	59.4	17.4	66.5	19.0	67.4	19.1	68.2	19.2	70.0	19.4	71.8	19.6
		35	49.8	14.3	59.4	18.6	65.4	19.7	66.3	19.8	67.2	19.9	69.0	20.1	70.8	20.3
		37	49.8	15.3	59.4	19.8	64.4	20.4	65.3	20.5	66.1	20.6	67.9	20.8	69.7	21.1
		39	49.8	16.2	59.4	20.9	63.3	21.1	64.2	21.2	65.1	21.3	66.9	21.6	68.7	21.8
110	605	10	45.7	7.47	54.5	9.10	63.3	10.8	67.7	11.7	72.0	12.6	80.8	13.3	82.4	12.9
		12	45.7	7.60	54.5	9.26	63.3	11.0	67.7	11.9	72.0	12.8	79.7	13.3	81.3	12.8
		14	45.7	7.74	54.5	9.44	63.3	11.2	67.7	12.1	72.0	13.0	78.6	13.2	80.3	12.8
		16	45.7	7.89	54.5	9.62	63.3	11.4	67.7	12.4	72.0	13.3	77.6	13.4	79.2	13.5
		18	45.7	8.04	54.5	9.81	63.3	11.7	67.7	12.7	72.0	13.9	76.5	14.1	78.2	14.2
		20	45.7	8.19	54.5	10.0	63.3	12.4	67.7	13.6	72.0	14.6	75.5	14.7	77.1	14.9
		21	45.7	8.27	54.5	10.3	63.3	12.8	67.7	14.1	72.0	15.0	75.0	15.1	76.6	15.2
		23	45.7	8.66	54.5	11.0	63.3	13.7	67.7	15.2	72.0	15.6	73.9	15.8	75.6	15.9
		25	45.7	9.25	54.5	11.8	63.3	14.7	67.7	16.2	71.2	16.3	72.9	16.5	74.5	16.6
		27	45.7	9.87	54.5	12.6	63.3	15.7	67.7	16.9	70.2	17.0	71.8	17.2	73.5	17.3
		29	45.7	10.5	54.5	13.5	63.3	16.8	67.7	17.6	69.1	17.7	70.8	17.9	72.4	18.0
		31	45.7	11.2	54.5	14.4	63.3	17.9	67.3	18.3	68.1	18.4	69.7	18.6	71.4	18.7
		33	45.7	11.9	54.5	15.3	63.3	18.9	66.2	19.0	67.0	19.1	68.7	19.3	70.3	19.4
		35	45.7	12.7	54.5	16.3	63.3	19.6	65.2	19.7	66.0	19.8	67.6	20.0	69.3	20.2
		37	45.7	13.5	54.5	17.4	63.3	20.3	64.1	20.4	64.9	20.5	66.6	20.7	68.2	20.9
		39	45.7	14.3	54.5	18.5	62.2	21.0	63.0	21.1	63.9	21.2	65.5	21.4	67.2	21.6
100	550	10	41.5	6.74	49.5	8.17	57.5	9.68	61.5	10.5	65.5	11.2	73.5	12.9	80.9	13.3
		12	41.5	6.85	49.5	8.32	57.5	9.86	61.5	10.7	65.5	11.5	73.5	13.1	79.8	13.2
		14	41.5	6.98	49.5	8.47	57.5	10.0	61.5	10.9	65.5	11.7	73.5	13.3	78.8	13.2
		16	41.5	7.10	49.5	8.63	57.5	10.2	61.5	11.1	65.5	11.9	73.5	13.5	77.7	13.4
		18	41.5	7.24	49.5	8.80	57.5	10.4	61.5	11.3	65.5	12.1	73.5	14.0	76.7	14.1
		20	41.5	7.37	49.5	8.97	57.5	10.8	61.5	11.9	65.5	13.0	73.5	14.6	75.6	14.7
		21	41.5	7.44	49.5	9.06	57.5	11.1	61.5	12.3	65.5	13.5	73.5	15.0	75.1	15.1
		23	41.5	7.64	49.5	9.66	57.5	11.9	61.5	13.2	65.5	14.4	72.5	15.7	74.0	15.8
		25	41.5	8.15	49.5	10.3	57.5	12.8	61.5	14.1	65.5	15.5	71.5	16.3	73.0	16.5
		27	41.5	8.69	49.5	11.0	57.5	13.6	61.5	15.1	65.5	16.6	70.4	17.0	71.9	17.2
		29	41.5	9.25	49.5	11.8	57.5	14.6	61.5	16.1	65.5	17.6	69.4	17.7	70.9	17.9
		31	41.5	9.85	49.5	12.5	57.5	15.5	61.5	17.2	65.5	18.3	68.3	18.4	69.8	18.6
		33	41.5	10.5	49.5	13.3	57.5	16.6	61.5	18.3	65.5	18.9	67.3	19.1	68.8	19.3
		35	41.5	11.1	49.5	14.2	57.5	17.7	61.5	19.6	64.7	19.6	66.2	19.8	67.7	20.0
		37	41.5	11.8	49.5	15.1	57.5	18.8	61.5	20.2	63.7	20.3	65.2	20.5	66.7	20.7
		39	41.5	12.6	49.5	16.1	57.5	20.1	61.5	20.9	62.6	21.0	64.1	21.2	65.6	21.4

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	495	10	37.4	6.03	44.6	7.27	51.8	8.59	55.4	9.27	58.9	9.96	66.1	11.4	73.3	12.8
		12	37.4	6.13	44.6	7.40	51.8	8.74	55.4	9.44	58.9	10.1	66.1	11.6	73.3	13.1
		14	37.4	6.24	44.6	7.54	51.8	8.91	55.4	9.62	58.9	10.3	66.1	11.8	73.3	13.3
		16	37.4	6.35	44.6	7.68	51.8	9.08	55.4	9.80	58.9	10.5	66.1	12.0	73.3	13.5
		18	37.4	6.46	44.6	7.82	51.8	9.25	55.4	10.0	58.9	10.7	66.1	12.3	73.3	14.0
		20	37.4	6.58	44.6	7.97	51.8	9.44	55.4	10.2	58.9	11.1	66.1	13.2	73.3	14.6
		21	37.4	6.64	44.6	8.05	51.8	9.60	55.4	10.6	58.9	11.5	66.1	13.7	73.3	15.0
		23	37.4	6.77	44.6	8.38	51.8	10.3	55.4	11.3	58.9	12.4	66.1	14.7	72.5	15.7
		25	37.4	7.13	44.6	8.95	51.8	11.0	55.4	12.1	58.9	13.2	66.1	15.7	71.5	16.3
		27	37.4	7.59	44.6	9.55	51.8	11.7	55.4	12.9	58.9	14.2	66.1	16.8	70.4	17.0
		29	37.4	8.08	44.6	10.2	51.8	12.5	55.4	13.8	58.9	15.1	66.1	17.6	69.4	17.7
		31	37.4	8.58	44.6	10.8	51.8	13.3	55.4	14.7	58.9	16.1	66.1	18.3	68.3	18.4
		33	37.4	9.12	44.6	11.5	51.8	14.2	55.4	15.7	58.9	17.2	65.9	19.0	67.3	19.1
		35	37.4	9.68	44.6	12.3	51.8	15.1	55.4	16.7	58.9	18.3	64.9	19.7	66.2	19.8
		37	37.4	10.3	44.6	13.0	51.8	16.1	55.4	17.8	58.9	19.5	63.8	20.3	65.2	20.5
		39	37.4	10.9	44.6	13.8	51.8	17.2	55.4	18.9	58.9	20.8	62.8	21.0	64.1	21.2
80	440	10	33.2	5.35	39.6	6.41	46.0	7.53	49.2	8.11	52.4	8.71	58.8	9.93	65.2	11.2
		12	33.2	5.44	39.6	6.52	46.0	7.67	49.2	8.26	52.4	8.87	58.8	10.1	65.2	11.4
		14	33.2	5.53	39.6	6.63	46.0	7.81	49.2	8.41	52.4	9.03	58.8	10.3	65.2	11.6
		16	33.2	5.62	39.6	6.75	46.0	7.95	49.2	8.57	52.4	9.21	58.8	10.5	65.2	11.8
		18	33.2	5.72	39.6	6.88	46.0	8.10	49.2	8.74	52.4	9.39	58.8	10.7	65.2	12.1
		20	33.2	5.82	39.6	7.01	46.0	8.26	49.2	8.91	52.4	9.57	58.8	11.1	65.2	12.9
		21	33.2	5.87	39.6	7.07	46.0	8.34	49.2	9.00	52.4	9.77	58.8	11.5	65.2	13.4
		23	33.2	5.98	39.6	7.21	46.0	8.75	49.2	9.58	52.4	10.5	58.8	12.3	65.2	14.3
		25	33.2	6.18	39.6	7.67	46.0	9.34	49.2	10.2	52.4	11.2	58.8	13.2	65.2	15.4
		27	33.2	6.57	39.6	8.18	46.0	9.97	49.2	10.9	52.4	11.9	58.8	14.1	65.2	16.4
		29	33.2	6.98	39.6	8.70	46.0	10.6	49.2	11.7	52.4	12.7	58.8	15.1	65.2	17.6
		31	33.2	7.41	39.6	9.26	46.0	11.3	49.2	12.4	52.4	13.6	58.8	16.1	65.2	18.3
		33	33.2	7.87	39.6	9.84	46.0	12.0	49.2	13.2	52.4	14.5	58.8	17.1	65.2	18.9
		35	33.2	8.34	39.6	10.5	46.0	12.8	49.2	14.1	52.4	15.4	58.8	18.3	64.7	19.6
		37	33.2	8.84	39.6	11.1	46.0	13.6	49.2	15.0	52.4	16.4	58.8	19.5	63.6	20.3
		39	33.2	9.37	39.6	11.8	46.0	14.5	49.2	15.9	52.4	17.5	58.8	20.7	62.6	21.0
70	385	10	29.1	4.71	34.7	5.59	40.3	6.52	43.1	7.01	45.8	7.50	51.4	8.53	57.0	9.59
		12	29.1	4.78	34.7	5.68	40.3	6.63	43.1	7.13	45.8	7.64	51.4	8.69	57.0	9.77
		14	29.1	4.85	34.7	5.77	40.3	6.75	43.1	7.26	45.8	7.78	51.4	8.85	57.0	9.96
		16	29.1	4.93	34.7	5.87	40.3	6.87	43.1	7.39	45.8	7.92	51.4	9.02	57.0	10.1
		18	29.1	5.01	34.7	5.98	40.3	7.00	43.1	7.53	45.8	8.07	51.4	9.19	57.0	10.3
		20	29.1	5.10	34.7	6.08	40.3	7.13	43.1	7.67	45.8	8.23	51.4	9.38	57.0	10.6
		21	29.1	5.14	34.7	6.14	40.3	7.20	43.1	7.75	45.8	8.31	51.4	9.52	57.0	11.0
		23	29.1	5.23	34.7	6.25	40.3	7.35	43.1	8.01	45.8	8.71	51.4	10.2	57.0	11.8
		25	29.1	5.32	34.7	6.50	40.3	7.84	43.1	8.55	45.8	9.30	51.4	10.9	57.0	12.6
		27	29.1	5.63	34.7	6.92	40.3	8.35	43.1	9.12	45.8	9.92	51.4	11.6	57.0	13.5
		29	29.1	5.97	34.7	7.35	40.3	8.89	43.1	9.71	45.8	10.6	51.4	12.4	57.0	14.4
		31	29.1	6.33	34.7	7.81	40.3	9.46	43.1	10.3	45.8	11.3	51.4	13.2	57.0	15.4
		33	29.1	6.71	34.7	8.29	40.3	10.1	43.1	11.0	45.8	12.0	51.4	14.1	57.0	16.4
		35	29.1	7.11	34.7	8.80	40.3	10.7	43.1	11.7	45.8	12.8	51.4	15.0	57.0	17.5
		37	29.1	7.52	34.7	9.33	40.3	11.3	43.1	12.4	45.8	13.6	51.4	16.0	57.0	18.6
		39	29.1	7.96	34.7	9.89	40.3	12.0	43.1	13.2	45.8	14.4	51.4	17.0	57.0	19.8
60	330	10	24.9	4.09	29.7	4.81	34.5	5.56	36.9	5.95	39.3	6.36	44.1	7.19	48.9	8.06
		12	24.9	4.15	29.7	4.88	34.5	5.65	36.9	6.05	39.3	6.47	44.1	7.32	48.9	8.20
		14	24.9	4.21	29.7	4.96	34.5	5.75	36.9	6.16	39.3	6.58	44.1	7.45	48.9	8.36
		16	24.9	4.28	29.7	5.04	34.5	5.85	36.9	6.27	39.3	6.70	44.1	7.59	48.9	8.51
		18	24.9	4.34	29.7	5.12	34.5	5.95	36.9	6.38	39.3	6.82	44.1	7.73	48.9	8.68
		20	24.9	4.41	29.7	5.21	34.5	6.05	36.9	6.50	39.3	6.95	44.1	7.88	48.9	8.85
		21	24.9	4.44	29.7	5.25	34.5	6.11	36.9	6.56	39.3	7.01	44.1	7.96	48.9	8.94
		23	24.9	4.52	29.7	5.34	34.5	6.22	36.9	6.68	39.3	7.15	44.1	8.27	48.9	9.50
		25	24.9	4.59	29.7	5.44	34.5	6.47	36.9	7.02	39.3	7.60	44.1	8.83	48.9	10.2
		27	24.9	4.76	29.7	5.77	34.5	6.88	36.9	7.48	39.3	8.10	44.1	9.41	48.9	10.8
		29	24.9	5.04	29.7	6.12	34.5	7.31	36.9	7.95	39.3	8.62	44.1	10.0	48.9	11.6
		31	24.9	5.34	29.7	6.49	34.5	7.77	36.9	8.45	39.3	9.16	44.1	10.7	48.9	12.3
		33	24.9	5.65	29.7	6.88	34.5	8.25	36.9	8.98	39.3	9.74	44.1	11.4	48.9	13.1
		35	24.9	5.97	29.7	7.29	34.5	8.75	36.9	9.53	39.3	10.3	44.1	12.1	48.9	14.0
		37	24.9	6.31	29.7	7.72	34.5	9.28	36.9	10.1	39.3	11.0	44.1	12.8	48.9	14.9
		39	24.9	6.67	29.7	8.17	34.5	9.84	36.9	10.7	39.3	11.7	44.1	13.6	48.9	15.8

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	275	10	20.8	3.52	24.8	4.07	28.8	4.66	30.8	4.97	32.7	5.28	36.7	5.93	40.7	6.61
		12	20.8	3.56	24.8	4.13	28.8	4.73	30.8	5.04	32.7	5.37	36.7	6.03	40.7	6.72
		14	20.8	3.61	24.8	4.19	28.8	4.81	30.8	5.13	32.7	5.45	36.7	6.13	40.7	6.84
		16	20.8	3.66	24.8	4.25	28.8	4.88	30.8	5.21	32.7	5.55	36.7	6.24	40.7	6.96
		18	20.8	3.71	24.8	4.32	28.8	4.96	30.8	5.30	32.7	5.64	36.7	6.35	40.7	7.09
		20	20.8	3.76	24.8	4.39	28.8	5.04	30.8	5.39	32.7	5.74	36.7	6.47	40.7	7.23
		21	20.8	3.79	24.8	4.42	28.8	5.09	30.8	5.44	32.7	5.79	36.7	6.53	40.7	7.30
		23	20.8	3.85	24.8	4.49	28.8	5.18	30.8	5.53	32.7	5.90	36.7	6.65	40.7	7.46
		25	20.8	3.91	24.8	4.57	28.8	5.27	30.8	5.65	32.7	6.08	36.7	6.99	40.7	7.96
		27	20.8	3.97	24.8	4.73	28.8	5.56	30.8	6.00	32.7	6.46	36.7	7.44	40.7	8.48
		29	20.8	4.20	24.8	5.01	28.8	5.90	30.8	6.37	32.7	6.87	36.7	7.91	40.7	9.03
		31	20.8	4.44	24.8	5.31	28.8	6.26	30.8	6.76	32.7	7.29	36.7	8.41	40.7	9.61
		33	20.8	4.69	24.8	5.61	28.8	6.63	30.8	7.17	32.7	7.73	36.7	8.93	40.7	10.2
		35	20.8	4.95	24.8	5.93	28.8	7.02	30.8	7.60	32.7	8.20	36.7	9.48	40.7	10.9
		37	20.8	5.22	24.8	6.27	28.8	7.43	30.8	8.05	32.7	8.69	36.7	10.1	40.7	11.5
		39	20.8	5.50	24.8	6.62	28.8	7.86	30.8	8.52	32.7	9.21	36.7	10.7	40.7	12.2

PA-24MX3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130	780	10	59.7	10.7	71.2	13.1	82.7	15.6	88.4	15.9	90.2	15.6	92.3	14.9	94.5	14.3
		12	59.7	10.9	71.2	13.4	82.7	15.9	87.9	15.8	89.0	15.5	91.2	14.8	93.3	14.6
		14	59.7	11.1	71.2	13.6	82.7	16.1	86.8	15.8	87.9	15.4	90.0	15.3	92.2	15.4
		16	59.7	11.3	71.2	13.9	82.7	16.0	85.6	15.9	86.7	16.0	88.8	16.1	91.0	16.3
		18	59.7	11.5	71.2	14.2	82.7	16.6	84.5	16.7	85.5	16.8	87.7	17.0	89.8	17.1
		20	59.7	11.8	71.2	15.1	82.2	17.4	83.3	17.5	84.4	17.6	86.5	17.8	88.7	18.0
		21	59.7	12.1	71.2	15.6	81.6	17.8	82.7	17.9	83.8	18.0	85.9	18.2	88.1	18.4
		23	59.7	13.0	71.2	16.7	80.5	18.7	81.5	18.7	82.6	18.8	84.8	19.0	86.9	19.2
		25	59.7	13.9	71.2	17.9	79.3	19.5	80.4	19.6	81.5	19.7	83.6	19.9	85.8	20.1
		27	59.7	14.8	71.2	19.2	78.2	20.3	79.2	20.4	80.3	20.5	82.5	20.7	84.6	20.9
		29	59.7	15.8	71.2	20.5	77.0	21.1	78.1	21.2	79.1	21.3	81.3	21.6	83.4	21.8
		31	59.7	16.9	71.2	21.7	75.8	21.9	76.9	22.1	78.0	22.2	80.1	22.4	82.3	22.7
		33	59.7	18.0	71.2	22.5	74.7	22.8	75.7	22.9	76.8	23.0	79.0	23.3	81.1	23.5
		35	59.7	19.1	71.2	23.3	73.5	23.6	74.6	23.7	75.7	23.9	77.8	24.1	80.0	24.4
		37	59.7	20.4	70.2	24.2	72.3	24.4	73.4	24.6	74.5	24.7	76.6	25.0	78.8	25.3
		39	59.7	21.7	69.0	25.0	71.2	25.3	72.3	25.4	73.3	25.6	75.5	25.9	77.6	26.2
120	720	10	55.1	9.79	65.7	12.0	76.3	14.2	81.6	15.4	86.9	16.0	90.8	15.4	92.8	14.8
		12	55.1	10.0	65.7	12.2	76.3	14.5	81.6	15.7	86.9	15.9	89.6	15.3	91.6	14.7
		14	55.1	10.1	65.7	12.4	76.3	14.8	81.6	16.0	86.5	15.8	88.5	15.2	90.5	15.3
		16	55.1	10.3	65.7	12.7	76.3	15.0	81.6	16.1	85.3	15.9	87.3	16.0	89.3	16.2
		18	55.1	10.5	65.7	12.9	76.3	15.6	81.6	16.6	84.2	16.7	86.2	16.8	88.1	17.0
		20	55.1	10.8	65.7	13.4	76.3	16.7	81.6	17.4	83.0	17.5	85.0	17.7	87.0	17.8
		21	55.1	10.9	65.7	13.9	76.3	17.3	81.4	17.8	82.4	17.9	84.4	18.1	86.4	18.2
		23	55.1	11.6	65.7	14.9	76.3	18.5	80.3	18.6	81.3	18.7	83.3	18.9	85.2	19.1
		25	55.1	12.4	65.7	15.9	76.3	19.4	79.1	19.5	80.1	19.5	82.1	19.7	84.1	19.9
		27	55.1	13.2	65.7	17.0	76.3	20.2	78.0	20.3	78.9	20.4	80.9	20.6	82.9	20.8
		29	55.1	14.1	65.7	18.2	75.8	21.0	76.8	21.1	77.8	21.2	79.8	21.4	81.8	21.6
		31	55.1	15.0	65.7	19.4	74.6	21.8	75.6	21.9	76.6	22.0	78.6	22.2	80.6	22.5
		33	55.1	16.0	65.7	20.7	73.5	22.6	74.5	22.7	75.5	22.9	77.4	23.1	79.4	23.3
		35	55.1	17.1	65.7	22.1	72.3	23.5	73.3	23.6	74.3	23.7	76.3	23.9	78.3	24.2
		37	55.1	18.1	65.7	23.5	71.2	24.3	72.1	24.4	73.1	24.5	75.1	24.8	77.1	25.1
		39	55.1	19.3	65.7	24.8	70.0	25.1	71.0	25.3	72.0	25.4	74.0	25.7	76.0	25.9
110	660	10	50.5	8.89	60.2	10.8	69.9	12.9	74.8	13.9	79.7	14.9	89.3	15.9	91.1	15.3
		12	50.5	9.05	60.2	11.0	69.9	13.1	74.8	14.2	79.7	15.2	88.1	15.8	89.9	15.2
		14	50.5	9.21	60.2	11.2	69.9	13.3	74.8	14.4	79.7	15.5	87.0	15.7	88.8	15.2
		16	50.5	9.38	60.2	11.4	69.9	13.6	74.8	14.7	79.7	15.8	85.8	15.9	87.6	16.0
		18	50.5	9.56	60.2	11.7	69.9	13.9	74.8	15.1	79.7	16.6	84.6	16.7	86.5	16.9
		20	50.5	9.75	60.2	11.9	69.9	14.7	74.8	16.2	79.7	17.4	83.5	17.5	85.3	17.7
		21	50.5	9.84	60.2	12.3	69.9	15.2	74.8	16.8	79.7	17.8	82.9	17.9	84.7	18.1
		23	50.5	10.3	60.2	13.1	69.9	16.3	74.8	18.0	79.7	18.6	81.7	18.8	83.6	18.9
		25	50.5	11.0	60.2	14.0	69.9	17.5	74.8	19.3	78.8	19.4	80.6	19.6	82.4	19.8
		27	50.5	11.7	60.2	15.0	69.9	18.7	74.8	20.1	77.6	20.2	79.4	20.4	81.2	20.6
		29	50.5	12.5	60.2	16.0	69.9	20.0	74.8	21.0	76.4	21.1	78.3	21.2	80.1	21.4
		31	50.5	13.3	60.2	17.1	69.9	21.3	74.4	21.8	75.3	21.9	77.1	22.1	78.9	22.3
		33	50.5	14.2	60.2	18.2	69.9	22.5	73.2	22.6	74.1	22.7	75.9	22.9	77.7	23.1
		35	50.5	15.1	60.2	19.4	69.9	23.3	72.0	23.4	72.9	23.5	74.8	23.8	76.6	24.0
		37	50.5	16.0	60.2	20.7	69.9	24.1	70.9	24.2	71.8	24.4	73.6	24.6	75.4	24.8
		39	50.5	17.0	60.2	22.0	68.8	25.0	69.7	25.1	70.6	25.2	72.4	25.5	74.3	25.7
100	600	10	45.9	8.02	54.7	9.72	63.6	11.5	68.0	12.4	72.4	13.4	81.3	15.3	89.4	15.8
		12	45.9	8.15	54.7	9.90	63.6	11.7	68.0	12.7	72.4	13.6	81.3	15.6	88.3	15.7
		14	45.9	8.30	54.7	10.1	63.6	12.0	68.0	12.9	72.4	13.9	81.3	15.9	87.1	15.7
		16	45.9	8.45	54.7	10.3	63.6	12.2	68.0	13.2	72.4	14.2	81.3	16.1	85.9	15.9
		18	45.9	8.61	54.7	10.5	63.6	12.4	68.0	13.4	72.4	14.4	81.3	16.6	84.8	16.7
		20	45.9	8.77	54.7	10.7	63.6	12.8	68.0	14.1	72.4	15.5	81.3	17.4	83.6	17.5
		21	45.9	8.86	54.7	10.8	63.6	13.3	68.0	14.6	72.4	16.0	81.3	17.8	83.0	18.0
		23	45.9	9.09	54.7	11.5	63.6	14.2	68.0	15.7	72.4	17.2	80.2	18.6	81.9	18.8
		25	45.9	9.70	54.7	12.3	63.6	15.2	68.0	16.8	72.4	18.4	79.1	19.4	80.7	19.6
		27	45.9	10.3	54.7	13.1	63.6	16.2	68.0	17.9	72.4	19.7	77.9	20.3	79.5	20.4
		29	45.9	11.0	54.7	14.0	63.6	17.3	68.0	19.1	72.4	20.9	76.7	21.1	78.4	21.3
		31	45.9	11.7	54.7	14.9	63.6	18.5	68.0	20.4	72.4	21.7	75.6	21.9	77.2	22.1
		33	45.9	12.5	54.7	15.9	63.6	19.7	68.0	21.8	72.4	22.5	74.4	22.7	76.1	22.9
		35	45.9	13.2	54.7	16.9	63.6	21.0	68.0	23.3	71.6	23.4	73.2	23.6	74.9	23.8
		37	45.9	14.1	54.7	18.0	63.6	22.4	68.0	24.1	70.4	24.2	72.1	24.4	73.7	24.6
		39	45.9	14.9	54.7	19.1	63.6	23.9	68.0	24.9	69.3	25.0	70.9	25.2	72.6	25.5

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	540	10	41.3	7.17	49.3	8.65	57.2	10.2	61.2	11.0	65.2	11.8	73.1	13.5	81.1	15.3
		12	41.3	7.30	49.3	8.81	57.2	10.4	61.2	11.2	65.2	12.1	73.1	13.8	81.1	15.5
		14	41.3	7.42	49.3	8.97	57.2	10.6	61.2	11.4	65.2	12.3	73.1	14.1	81.1	15.8
		16	41.3	7.55	49.3	9.13	57.2	10.8	61.2	11.7	65.2	12.5	73.1	14.3	81.1	16.1
		18	41.3	7.69	49.3	9.30	57.2	11.0	61.2	11.9	65.2	12.8	73.1	14.6	81.1	16.6
		20	41.3	7.83	49.3	9.48	57.2	11.2	61.2	12.1	65.2	13.3	73.1	15.7	81.1	17.4
		21	41.3	7.90	49.3	9.58	57.2	11.4	61.2	12.6	65.2	13.7	73.1	16.3	81.1	17.8
		23	41.3	8.05	49.3	9.97	57.2	12.2	61.2	13.4	65.2	14.7	73.1	17.4	80.2	18.6
		25	41.3	8.48	49.3	10.6	57.2	13.1	61.2	14.4	65.2	15.7	73.1	18.7	79.0	19.4
		27	41.3	9.03	49.3	11.4	57.2	14.0	61.2	15.4	65.2	16.8	73.1	20.0	77.9	20.3
		29	41.3	9.61	49.3	12.1	57.2	14.9	61.2	16.4	65.2	18.0	73.1	20.9	76.7	21.1
		31	41.3	10.2	49.3	12.9	57.2	15.9	61.2	17.5	65.2	19.2	73.1	21.7	75.5	21.9
		33	41.3	10.9	49.3	13.7	57.2	16.9	61.2	18.6	65.2	20.5	72.9	22.6	74.4	22.7
		35	41.3	11.5	49.3	14.6	57.2	18.0	61.2	19.9	65.2	21.8	71.7	23.4	73.2	23.6
		37	41.3	12.2	49.3	15.5	57.2	19.2	61.2	21.2	65.2	23.3	70.6	24.2	72.1	24.4
		39	41.3	13.0	49.3	16.5	57.2	20.4	61.2	22.5	65.2	24.8	69.4	25.0	70.9	25.2
80	480	10	36.7	6.37	43.8	7.63	50.9	8.96	54.4	9.7	57.9	10.4	65.0	11.8	72.1	13.3
		12	36.7	6.47	43.8	7.76	50.9	9.12	54.4	9.8	57.9	10.6	65.0	12.0	72.1	13.6
		14	36.7	6.58	43.8	7.89	50.9	9.29	54.4	10.0	57.9	10.7	65.0	12.3	72.1	13.8
		16	36.7	6.69	43.8	8.03	50.9	9.46	54.4	10.2	57.9	11.0	65.0	12.5	72.1	14.1
		18	36.7	6.81	43.8	8.18	50.9	9.64	54.4	10.4	57.9	11.2	65.0	12.7	72.1	14.4
		20	36.7	6.93	43.8	8.34	50.9	9.83	54.4	10.6	57.9	11.4	65.0	13.2	72.1	15.4
		21	36.7	6.99	43.8	8.41	50.9	9.93	54.4	10.7	57.9	11.6	65.0	13.7	72.1	15.9
		23	36.7	7.12	43.8	8.58	50.9	10.4	54.4	11.4	57.9	12.4	65.0	14.7	72.1	17.1
		25	36.7	7.35	43.8	9.13	50.9	11.1	54.4	12.2	57.9	13.3	65.0	15.7	72.1	18.3
		27	36.7	7.82	43.8	9.73	50.9	11.9	54.4	13.0	57.9	14.2	65.0	16.8	72.1	19.6
		29	36.7	8.31	43.8	10.4	50.9	12.6	54.4	13.9	57.9	15.2	65.0	17.9	72.1	20.9
		31	36.7	8.82	43.8	11.0	50.9	13.5	54.4	14.8	57.9	16.2	65.0	19.1	72.1	21.7
		33	36.7	9.36	43.8	11.7	50.9	14.3	54.4	15.7	57.9	17.2	65.0	20.4	72.1	22.5
		35	36.7	9.93	43.8	12.4	50.9	15.2	54.4	16.8	57.9	18.3	65.0	21.7	71.5	23.4
		37	36.7	10.5	43.8	13.2	50.9	16.2	54.4	17.8	57.9	19.5	65.0	23.2	70.4	24.2
		39	36.7	11.1	43.8	14.0	50.9	17.2	54.4	19.0	57.9	20.8	65.0	24.7	69.2	25.0
70	420	10	32.1	5.60	38.3	6.65	44.5	7.76	47.6	8.34	50.7	8.93	56.9	10.1	63.1	11.4
		12	32.1	5.69	38.3	6.75	44.5	7.89	47.6	8.48	50.7	9.09	56.9	10.3	63.1	11.6
		14	32.1	5.77	38.3	6.87	44.5	8.03	47.6	8.64	50.7	9.25	56.9	10.5	63.1	11.8
		16	32.1	5.87	38.3	6.99	44.5	8.18	47.6	8.79	50.7	9.43	56.9	10.7	63.1	12.1
		18	32.1	5.96	38.3	7.11	44.5	8.33	47.6	8.96	50.7	9.61	56.9	10.9	63.1	12.3
		20	32.1	6.06	38.3	7.24	44.5	8.48	47.6	9.13	50.7	9.79	56.9	11.2	63.1	12.7
		21	32.1	6.11	38.3	7.30	44.5	8.56	47.6	9.22	50.7	9.89	56.9	11.3	63.1	13.1
		23	32.1	6.22	38.3	7.44	44.5	8.74	47.6	9.53	50.7	10.4	56.9	12.1	63.1	14.0
		25	32.1	6.33	38.3	7.73	44.5	9.32	47.6	10.2	50.7	11.1	56.9	13.0	63.1	15.0
		27	32.1	6.69	38.3	8.23	44.5	9.93	47.6	10.8	50.7	11.8	56.9	13.8	63.1	16.0
		29	32.1	7.10	38.3	8.75	44.5	10.6	47.6	11.6	50.7	12.6	56.9	14.8	63.1	17.1
		31	32.1	7.53	38.3	9.29	44.5	11.2	47.6	12.3	50.7	13.4	56.9	15.7	63.1	18.3
		33	32.1	7.98	38.3	9.87	44.5	12.0	47.6	13.1	50.7	14.3	56.9	16.8	63.1	19.5
		35	32.1	8.45	38.3	10.5	44.5	12.7	47.6	13.9	50.7	15.2	56.9	17.9	63.1	20.8
		37	32.1	8.95	38.3	11.1	44.5	13.5	47.6	14.8	50.7	16.1	56.9	19.0	63.1	22.1
		39	32.1	9.47	38.3	11.8	44.5	14.3	47.6	15.7	50.7	17.2	56.9	20.2	63.1	23.6
60	360	10	27.5	4.87	32.8	5.72	38.1	6.62	40.8	7.08	43.5	7.56	48.8	8.6	54.1	9.6
		12	27.5	4.94	32.8	5.81	38.1	6.72	40.8	7.20	43.5	7.69	48.8	8.7	54.1	9.8
		14	27.5	5.01	32.8	5.90	38.1	6.84	40.8	7.33	43.5	7.83	48.8	8.9	54.1	9.9
		16	27.5	5.09	32.8	5.99	38.1	6.95	40.8	7.46	43.5	7.97	48.8	9.0	54.1	10.1
		18	27.5	5.17	32.8	6.09	38.1	7.08	40.8	7.59	43.5	8.11	48.8	9.2	54.1	10.3
		20	27.5	5.25	32.8	6.20	38.1	7.20	40.8	7.73	43.5	8.27	48.8	9.4	54.1	10.5
		21	27.5	5.29	32.8	6.25	38.1	7.27	40.8	7.80	43.5	8.35	48.8	9.5	54.1	10.6
		23	27.5	5.37	32.8	6.36	38.1	7.40	40.8	7.95	43.5	8.51	48.8	9.8	54.1	11.3
		25	27.5	5.46	32.8	6.47	38.1	7.69	40.8	8.35	43.5	9.04	48.8	10.5	54.1	12.1
		27	27.5	5.66	32.8	6.86	38.1	8.19	40.8	8.89	43.5	9.63	48.8	11.2	54.1	12.9
		29	27.5	6.00	32.8	7.29	38.1	8.70	40.8	9.46	43.5	10.3	48.8	11.9	54.1	13.7
		31	27.5	6.35	32.8	7.73	38.1	9.24	40.8	10.1	43.5	10.9	48.8	12.7	54.1	14.7
		33	27.5	6.72	32.8	8.19	38.1	9.81	40.8	10.7	43.5	11.6	48.8	13.5	54.1	15.6
		35	27.5	7.11	32.8	8.68	38.1	10.4	40.8	11.3	43.5	12.3	48.8	14.4	54.1	16.6
		37	27.5	7.51	32.8	9.19	38.1	11.0	40.8	12.0	43.5	13.1	48.8	15.3	54.1	17.7
		39	27.5	7.93	32.8	9.72	38.1	11.7	40.8	12.8	43.5	13.9	48.8	16.2	54.1	18.8

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	300	10	22.9	4.19	27.4	4.85	31.8	5.54	34.0	5.91	36.2	6.28	40.6	7.05	45.1	7.86
		12	22.9	4.24	27.4	4.91	31.8	5.63	34.0	6.00	36.2	6.38	40.6	7.17	45.1	8.00
		14	22.9	4.30	27.4	4.99	31.8	5.72	34.0	6.10	36.2	6.49	40.6	7.30	45.1	8.14
		16	22.9	4.36	27.4	5.06	31.8	5.81	34.0	6.20	36.2	6.60	40.6	7.42	45.1	8.28
		18	22.9	4.42	27.4	5.14	31.8	5.90	34.0	6.30	36.2	6.71	40.6	7.56	45.1	8.44
		20	22.9	4.48	27.4	5.22	31.8	6.00	34.0	6.41	36.2	6.83	40.6	7.70	45.1	8.60
		21	22.9	4.51	27.4	5.26	31.8	6.05	34.0	6.47	36.2	6.89	40.6	7.77	45.1	8.68
		23	22.9	4.58	27.4	5.34	31.8	6.16	34.0	6.58	36.2	7.02	40.6	7.91	45.1	8.88
		25	22.9	4.65	27.4	5.43	31.8	6.27	34.0	6.72	36.2	7.23	40.6	8.31	45.1	9.47
		27	22.9	4.72	27.4	5.63	31.8	6.62	34.0	7.14	36.2	7.69	40.6	8.85	45.1	10.1
		29	22.9	5.00	27.4	5.96	31.8	7.02	34.0	7.58	36.2	8.17	40.6	9.41	45.1	10.7
		31	22.9	5.28	27.4	6.31	31.8	7.44	34.0	8.05	36.2	8.67	40.6	10.0	45.1	11.4
		33	22.9	5.58	27.4	6.68	31.8	7.89	34.0	8.53	36.2	9.20	40.6	10.6	45.1	12.2
		35	22.9	5.88	27.4	7.06	31.8	8.35	34.0	9.04	36.2	9.76	40.6	11.3	45.1	12.9
		37	22.9	6.21	27.4	7.46	31.8	8.84	34.0	9.58	36.2	10.3	40.6	12.0	45.1	13.7
		39	22.9	6.54	27.4	7.88	31.8	9.35	34.0	10.1	36.2	11.0	40.6	12.7	45.1	14.6

PA-26MX3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130	845	10	63.6	11.3	75.9	13.9	88.1	16.5	94.3	16.9	96.1	16.5	98.4	15.8	100.7	15.1
		12	63.6	11.5	75.9	14.1	88.1	16.8	93.8	16.8	94.9	16.4	97.2	15.7	99.5	15.5
		14	63.6	11.8	75.9	14.4	88.1	17.0	92.5	16.7	93.7	16.3	96.0	16.2	98.3	16.3
		16	63.6	12.0	75.9	14.7	88.1	16.9	91.3	16.8	92.4	16.9	94.7	17.1	97.0	17.2
		18	63.6	12.2	75.9	15.0	88.1	17.6	90.0	17.7	91.2	17.8	93.5	17.9	95.8	18.1
		20	63.6	12.5	75.9	16.0	87.7	18.5	88.8	18.5	90.0	18.6	92.2	18.8	94.5	19.0
		21	63.6	12.8	75.9	16.5	87.0	18.9	88.2	19.0	89.3	19.1	91.6	19.3	93.9	19.4
		23	63.6	13.7	75.9	17.7	85.8	19.7	86.9	19.8	88.1	19.9	90.4	20.1	91.6	20.3
		25	63.6	14.7	75.9	19.0	84.6	20.6	85.7	20.7	86.9	20.8	89.1	21.0	89.3	21.0
		27	63.6	15.7	75.9	20.3	83.3	21.5	84.5	21.6	85.6	21.7	86.8	21.8	87.0	21.8
		29	63.6	16.7	75.9	21.7	82.1	22.3	83.2	22.5	84.3	22.6	84.5	22.6	84.7	22.6
		31	63.6	17.8	75.9	23.0	80.8	23.2	81.9	23.3	82.0	23.3	82.2	23.4	82.5	23.4
		33	63.6	19.0	75.9	23.8	79.5	24.1	79.6	24.1	79.7	24.1	79.9	24.1	80.2	24.2
		35	63.6	20.3	75.9	24.7	77.2	24.8	77.3	24.9	77.4	24.9	77.7	24.9	77.9	24.9
		37	63.6	21.6	74.7	25.5	74.9	25.6	75.0	25.6	75.1	25.6	75.4	25.6	75.6	25.7
		39	63.6	23.0	69.5	26.2	70.7	26.3	71.3	26.3	71.9	26.3	73.1	26.4	73.3	26.4
120	780	10	58.7	10.4	70.0	12.7	81.3	15.0	87.0	16.3	92.7	16.9	96.8	16.3	98.9	15.7
		12	58.7	10.5	70.0	12.9	81.3	15.3	87.0	16.6	92.7	16.9	95.6	16.2	97.7	15.6
		14	58.7	10.7	70.0	13.1	81.3	15.6	87.0	16.9	92.2	16.8	94.3	16.1	96.5	16.2
		16	58.7	10.9	70.0	13.4	81.3	15.9	87.0	17.0	91.0	16.8	93.1	17.0	95.2	17.1
		18	58.7	11.2	70.0	13.7	81.3	16.5	87.0	17.6	89.7	17.7	91.9	17.8	94.0	18.0
		20	58.7	11.4	70.0	14.2	81.3	17.7	87.0	18.4	88.5	18.5	90.6	18.7	92.7	18.9
		21	58.7	11.5	70.0	14.7	81.3	18.3	86.8	18.9	87.9	19.0	90.0	19.1	92.1	19.3
		23	58.7	12.3	70.0	15.8	81.3	19.6	85.6	19.7	86.6	19.8	88.8	20.0	90.9	20.2
		25	58.7	13.1	70.0	16.9	81.3	20.5	84.4	20.6	85.4	20.7	87.5	20.9	89.3	21.0
		27	58.7	14.0	70.0	18.0	81.3	21.3	83.1	21.5	84.2	21.6	86.3	21.8	87.0	21.8
		29	58.7	14.9	70.0	19.3	80.8	22.2	81.9	22.3	82.9	22.4	84.5	22.6	84.7	22.6
		31	58.7	15.9	70.0	20.5	79.6	23.1	80.6	23.2	81.7	23.3	82.2	23.4	82.5	23.4
		33	58.7	17.0	70.0	21.9	78.3	23.9	79.4	24.1	79.7	24.1	79.9	24.1	80.2	24.2
		35	58.7	18.0	70.0	23.4	77.1	24.8	77.3	24.9	77.4	24.9	77.7	24.9	77.9	24.9
		37	58.7	19.2	70.0	24.9	74.9	25.6	75.0	25.6	75.1	25.6	75.4	25.6	75.6	25.7
		39	58.7	20.4	69.5	26.2	70.7	26.3	71.3	26.3	71.9	26.3	73.1	26.4	73.3	26.4
110	715	10	53.8	9.41	64.2	11.5	74.6	13.6	79.8	14.7	84.9	15.8	95.2	16.8	97.1	16.2
		12	53.8	9.57	64.2	11.7	74.6	13.9	79.8	15.0	84.9	16.1	94.0	16.7	95.9	16.1
		14	53.8	9.75	64.2	11.9	74.6	14.1	79.8	15.3	84.9	16.4	92.7	16.6	94.7	16.1
		16	53.8	9.93	64.2	12.1	74.6	14.4	79.8	15.6	84.9	16.7	91.5	16.8	93.4	17.0
		18	53.8	10.1	64.2	12.4	74.6	14.7	79.8	16.0	84.9	17.6	90.2	17.7	92.2	17.8
		20	53.8	10.3	64.2	12.6	74.6	15.6	79.8	17.2	84.9	18.4	89.0	18.6	90.9	18.7
		21	53.8	10.4	64.2	13.0	74.6	16.1	79.8	17.8	84.9	18.8	88.4	19.0	90.3	19.2
		23	53.8	10.9	64.2	13.9	74.6	17.3	79.8	19.1	84.9	19.7	87.1	19.9	89.1	20.0
		25	53.8	11.6	64.2	14.9	74.6	18.5	79.8	20.5	84.0	20.6	85.9	20.7	87.8	20.9
		27	53.8	12.4	64.2	15.9	74.6	19.8	79.8	21.3	82.7	21.4	84.7	21.6	86.6	21.8
		29	53.8	13.2	64.2	17.0	74.6	21.1	79.8	22.2	81.5	22.3	83.4	22.5	84.7	22.6
		31	53.8	14.1	64.2	18.1	74.6	22.6	79.3	23.0	80.3	23.2	82.2	23.4	82.5	23.4
		33	53.8	15.0	64.2	19.3	74.6	23.8	78.0	23.9	79.0	24.0	79.9	24.1	80.2	24.2
		35	53.8	16.0	64.2	20.5	74.6	24.7	76.8	24.8	77.4	24.9	77.7	24.9	77.9	24.9
		37	53.8	17.0	64.2	21.9	74.6	25.5	75.0	25.6	75.1	25.6	75.4	25.6	75.6	25.7
		39	53.8	18.0	64.2	23.3	70.7	26.3	71.3	26.3	71.9	26.3	73.1	26.4	73.3	26.4
100	650	10	48.9	8.48	58.4	10.3	67.8	12.2	72.5	13.2	77.2	14.2	86.6	16.2	95.3	16.8
		12	48.9	8.63	58.4	10.5	67.8	12.4	72.5	13.4	77.2	14.4	86.6	16.5	94.1	16.7
		14	48.9	8.79	58.4	10.7	67.8	12.7	72.5	13.7	77.2	14.7	86.6	16.8	92.9	16.6
		16	48.9	8.95	58.4	10.9	67.8	12.9	72.5	13.9	77.2	15.0	86.6	17.0	91.6	16.8
		18	48.9	9.11	58.4	11.1	67.8	13.2	72.5	14.2	77.2	15.3	86.6	17.6	90.4	17.7
		20	48.9	9.28	58.4	11.3	67.8	13.5	72.5	14.9	77.2	16.4	86.6	18.4	89.1	18.6
		21	48.9	9.37	58.4	11.4	67.8	14.0	72.5	15.5	77.2	17.0	86.6	18.9	88.5	19.0
		23	48.9	9.62	58.4	12.2	67.8	15.0	72.5	16.6	77.2	18.2	85.5	19.7	87.3	19.9
		25	48.9	10.3	58.4	13.0	67.8	16.1	72.5	17.7	77.2	19.5	84.3	20.6	86.0	20.7
		27	48.9	10.9	58.4	13.9	67.8	17.2	72.5	19.0	77.2	20.8	83.0	21.4	84.8	21.6
		29	48.9	11.7	58.4	14.8	67.8	18.3	72.5	20.3	77.2	22.1	81.8	22.3	83.6	22.5
		31	48.9	12.4	58.4	15.8	67.8	19.6	72.5	21.6	77.2	23.0	80.6	23.2	82.3	23.4
		33	48.9	13.2	58.4	16.8	67.8	20.9	72.5	23.1	77.2	23.9	79.3	24.1	80.2	24.2
		35	48.9	14.0	58.4	17.9	67.8	22.3	72.5	24.6	76.3	24.7	77.7	24.9	77.9	24.9
		37	48.9	14.9	58.4	19.0	67.8	23.7	72.5	25.5	75.1	25.6	75.4	25.6	75.6	25.7
		39	48.9	15.8	58.4	20.3	67.8	25.3	71.3	26.3	71.9	26.3	73.1	26.4	73.3	26.4

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	585	10	44.0	7.59	52.5	9.16	61.0	10.8	65.3	11.7	69.5	12.5	78.0	14.3	86.5	16.1
		12	44.0	7.72	52.5	9.32	61.0	11.0	65.3	11.9	69.5	12.8	78.0	14.6	86.5	16.5
		14	44.0	7.86	52.5	9.49	61.0	11.2	65.3	12.1	69.5	13.0	78.0	14.9	86.5	16.8
		16	44.0	7.99	52.5	9.67	61.0	11.4	65.3	12.3	69.5	13.3	78.0	15.2	86.5	17.0
		18	44.0	8.14	52.5	9.85	61.0	11.7	65.3	12.6	69.5	13.5	78.0	15.5	86.5	17.6
		20	44.0	8.29	52.5	10.0	61.0	11.9	65.3	12.8	69.5	14.0	78.0	16.6	86.5	18.4
		21	44.0	8.37	52.5	10.1	61.0	12.1	65.3	13.3	69.5	14.5	78.0	17.2	86.5	18.9
		23	44.0	8.52	52.5	10.6	61.0	12.9	65.3	14.2	69.5	15.6	78.0	18.5	85.5	19.7
		25	44.0	8.98	52.5	11.3	61.0	13.8	65.3	15.2	69.5	16.7	78.0	19.8	84.3	20.6
		27	44.0	9.56	52.5	12.0	61.0	14.8	65.3	16.3	69.5	17.8	78.0	21.2	83.0	21.4
		29	44.0	10.2	52.5	12.8	61.0	15.8	65.3	17.4	69.5	19.0	78.0	22.1	81.8	22.3
		31	44.0	10.8	52.5	13.6	61.0	16.8	65.3	18.5	69.5	20.3	78.0	23.0	80.5	23.2
		33	44.0	11.5	52.5	14.5	61.0	17.9	65.3	19.7	69.5	21.7	77.7	23.9	79.3	24.1
		35	44.0	12.2	52.5	15.4	61.0	19.1	65.3	21.0	69.5	23.1	76.5	24.7	77.9	24.9
		37	44.0	12.9	52.5	16.4	61.0	20.3	65.3	22.4	69.5	24.6	75.2	25.6	75.6	25.7
		39	44.0	13.7	52.5	17.4	61.0	21.6	65.3	23.9	69.5	26.2	73.1	26.4	73.3	26.4
80	520	10	39.1	6.74	46.7	8.07	54.2	9.48	58.0	10.2	61.8	11.0	69.3	12.5	76.9	14.1
		12	39.1	6.85	46.7	8.21	54.2	9.65	58.0	10.4	61.8	11.2	69.3	12.7	76.9	14.4
		14	39.1	6.96	46.7	8.35	54.2	9.83	58.0	10.6	61.8	11.4	69.3	13.0	76.9	14.6
		16	39.1	7.08	46.7	8.50	54.2	10.0	58.0	10.8	61.8	11.6	69.3	13.2	76.9	14.9
		18	39.1	7.20	46.7	8.66	54.2	10.2	58.0	11.0	61.8	11.8	69.3	13.5	76.9	15.2
		20	39.1	7.33	46.7	8.82	54.2	10.4	58.0	11.2	61.8	12.1	69.3	14.0	76.9	16.3
		21	39.1	7.40	46.7	8.91	54.2	10.5	58.0	11.3	61.8	12.3	69.3	14.5	76.9	16.9
		23	39.1	7.53	46.7	9.08	54.2	11.0	58.0	12.1	61.8	13.2	69.3	15.5	76.9	18.1
		25	39.1	7.78	46.7	9.66	54.2	11.8	58.0	12.9	61.8	14.1	69.3	16.6	76.9	19.4
		27	39.1	8.27	46.7	10.3	54.2	12.6	58.0	13.8	61.8	15.0	69.3	17.8	76.9	20.7
		29	39.1	8.79	46.7	11.0	54.2	13.4	58.0	14.7	61.8	16.0	69.3	19.0	76.9	22.1
		31	39.1	9.34	46.7	11.7	54.2	14.2	58.0	15.6	61.8	17.1	69.3	20.2	76.9	23.0
		33	39.1	9.91	46.7	12.4	54.2	15.2	58.0	16.7	61.8	18.2	69.3	21.6	76.9	23.9
		35	39.1	10.5	46.7	13.2	54.2	16.1	58.0	17.7	61.8	19.4	69.3	23.0	76.3	24.7
		37	39.1	11.1	46.7	14.0	54.2	17.2	58.0	18.9	61.8	20.7	69.3	24.5	75.0	25.6
		39	39.1	11.8	46.7	14.8	54.2	18.2	58.0	20.1	61.8	22.0	69.3	26.1	73.3	26.4
70	455	10	34.3	5.93	40.9	7.03	47.5	8.21	50.8	8.82	54.0	9.45	60.6	10.7	67.2	12.1
		12	34.3	6.02	40.9	7.15	47.5	8.35	50.8	8.98	54.0	9.62	60.6	10.9	67.2	12.3
		14	34.3	6.11	40.9	7.27	47.5	8.50	50.8	9.14	54.0	9.79	60.6	11.1	67.2	12.5
		16	34.3	6.21	40.9	7.39	47.5	8.65	50.8	9.31	54.0	9.98	60.6	11.4	67.2	12.8
		18	34.3	6.31	40.9	7.52	47.5	8.81	50.8	9.48	54.0	10.2	60.6	11.6	67.2	13.0
		20	34.3	6.42	40.9	7.66	47.5	8.98	50.8	9.66	54.0	10.4	60.6	11.8	67.2	13.4
		21	34.3	6.47	40.9	7.73	47.5	9.07	50.8	9.76	54.0	10.5	60.6	12.0	67.2	13.9
		23	34.3	6.59	40.9	7.87	47.5	9.25	50.8	10.1	54.0	11.0	60.6	12.8	67.2	14.9
		25	34.3	6.70	40.9	8.19	47.5	9.87	50.8	10.8	54.0	11.7	60.6	13.7	67.2	15.9
		27	34.3	7.09	40.9	8.71	47.5	10.5	50.8	11.5	54.0	12.5	60.6	14.7	67.2	17.0
		29	34.3	7.52	40.9	9.26	47.5	11.2	50.8	12.2	54.0	13.3	60.6	15.6	67.2	18.1
		31	34.3	7.97	40.9	9.84	47.5	11.9	50.8	13.0	54.0	14.2	60.6	16.7	67.2	19.4
		33	34.3	8.45	40.9	10.4	47.5	12.7	50.8	13.8	54.0	15.1	60.6	17.8	67.2	20.6
		35	34.3	8.95	40.9	11.1	47.5	13.4	50.8	14.7	54.0	16.1	60.6	18.9	67.2	22.0
		37	34.3	9.47	40.9	11.8	47.5	14.3	50.8	15.6	54.0	17.1	60.6	20.1	67.2	23.4
		39	34.3	10.0	40.9	12.5	47.5	15.2	50.8	16.6	54.0	18.2	60.6	21.4	67.2	25.0
60	390	10	29.4	5.16	35.0	6.05	40.7	7.00	43.5	7.50	46.3	8.01	52.0	9.06	57.6	10.1
		12	29.4	5.23	35.0	6.14	40.7	7.12	43.5	7.62	46.3	8.14	52.0	9.22	57.6	10.3
		14	29.4	5.31	35.0	6.24	40.7	7.24	43.5	7.76	46.3	8.29	52.0	9.38	57.6	10.5
		16	29.4	5.38	35.0	6.34	40.7	7.36	43.5	7.89	46.3	8.44	52.0	9.56	57.6	10.7
		18	29.4	5.47	35.0	6.45	40.7	7.49	43.5	8.03	46.3	8.59	52.0	9.74	57.6	10.9
		20	29.4	5.55	35.0	6.56	40.7	7.63	43.5	8.18	46.3	8.75	52.0	9.93	57.6	11.1
		21	29.4	5.60	35.0	6.61	40.7	7.69	43.5	8.26	46.3	8.83	52.0	10.0	57.6	11.3
		23	29.4	5.69	35.0	6.73	40.7	7.84	43.5	8.41	46.3	9.00	52.0	10.4	57.6	12.0
		25	29.4	5.78	35.0	6.85	40.7	8.14	43.5	8.84	46.3	9.57	52.0	11.1	57.6	12.8
		27	29.4	5.99	35.0	7.26	40.7	8.66	43.5	9.41	46.3	10.2	52.0	11.9	57.6	13.6
		29	29.4	6.35	35.0	7.71	40.7	9.21	43.5	10.0	46.3	10.9	52.0	12.6	57.6	14.6
		31	29.4	6.72	35.0	8.18	40.7	9.78	43.5	10.6	46.3	11.5	52.0	13.4	57.6	15.5
		33	29.4	7.11	35.0	8.67	40.7	10.4	43.5	11.3	46.3	12.3	52.0	14.3	57.6	16.5
		35	29.4	7.52	35.0	9.18	40.7	11.0	43.5	12.0	46.3	13.0	52.0	15.2	57.6	17.6
		37	29.4	7.95	35.0	9.72	40.7	11.7	43.5	12.7	46.3	13.8	52.0	16.2	57.6	18.7
		39	29.4	8.40	35.0	10.3	40.7	12.4	43.5	13.5	46.3	14.7	52.0	17.2	57.6	19.9

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	325	10	24.5	4.43	29.2	5.13	33.9	5.87	36.3	6.25	38.6	6.65	43.3	7.47	48.0	8.32
		12	24.5	4.49	29.2	5.20	33.9	5.96	36.3	6.35	38.6	6.76	43.3	7.59	48.0	8.46
		14	24.5	4.55	29.2	5.28	33.9	6.05	36.3	6.45	38.6	6.87	43.3	7.72	48.0	8.61
		16	24.5	4.61	29.2	5.36	33.9	6.15	36.3	6.56	38.6	6.98	43.3	7.86	48.0	8.77
		18	24.5	4.67	29.2	5.44	33.9	6.25	36.3	6.67	38.6	7.10	43.3	8.00	48.0	8.93
		20	24.5	4.74	29.2	5.52	33.9	6.35	36.3	6.79	38.6	7.23	43.3	8.15	48.0	9.10
		21	24.5	4.78	29.2	5.57	33.9	6.41	36.3	6.84	38.6	7.29	43.3	8.22	48.0	9.19
		23	24.5	4.85	29.2	5.66	33.9	6.52	36.3	6.97	38.6	7.43	43.3	8.38	48.0	9.40
		25	24.5	4.92	29.2	5.75	33.9	6.63	36.3	7.11	38.6	7.65	43.3	8.80	48.0	10.0
		27	24.5	5.00	29.2	5.96	33.9	7.00	36.3	7.56	38.6	8.14	43.3	9.37	48.0	10.7
		29	24.5	5.29	29.2	6.31	33.9	7.43	36.3	8.03	38.6	8.65	43.3	9.96	48.0	11.4
		31	24.5	5.59	29.2	6.68	33.9	7.88	36.3	8.52	38.6	9.18	43.3	10.6	48.0	12.1
		33	24.5	5.90	29.2	7.07	33.9	8.35	36.3	9.03	38.6	9.74	43.3	11.2	48.0	12.9
		35	24.5	6.23	29.2	7.47	33.9	8.84	36.3	9.57	38.6	10.3	43.3	11.9	48.0	13.7
		37	24.5	6.57	29.2	7.90	33.9	9.36	36.3	10.1	38.6	10.9	43.3	12.7	48.0	14.5
		39	24.5	6.93	29.2	8.34	33.9	9.90	36.3	10.7	38.6	11.6	43.3	13.4	48.0	15.4

PA-28MX3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130	910	10	68.4	12.0	81.6	14.8	94.8	17.5	101.4	17.9	103	17.5	106	16.8	108	16.1
		12	68.4	12.3	81.6	15.0	94.8	17.9	100.9	17.8	102	17.5	105	16.7	107	16.4
		14	68.4	12.5	81.6	15.3	94.8	18.1	99.5	17.7	101	17.4	103	17.2	106	17.4
		16	68.4	12.7	81.6	15.6	94.8	18.0	98.2	17.9	99.4	18.0	102	18.1	104	18.3
		18	68.4	13.0	81.6	15.9	94.8	18.7	96.9	18.8	98.1	18.9	101	19.1	103	19.3
		20	68.4	13.3	81.6	17.0	94.3	19.6	95.5	19.7	96.8	19.8	99.2	20.0	102	20.2
		21	68.4	13.6	81.6	17.6	93.6	20.1	94.9	20.2	96.1	20.3	98.6	20.5	101	20.7
		23	68.4	14.6	81.6	18.8	92.3	21.0	93.5	21.1	94.8	21.2	97.2	21.4	98.6	21.5
		25	68.4	15.6	81.6	20.2	91.0	21.9	92.2	22.0	93.4	22.1	95.9	22.4	96.2	22.4
		27	68.4	16.7	81.6	21.6	89.6	22.8	90.9	22.9	92.1	23.1	93.5	23.2	93.7	23.2
		29	68.4	17.8	81.6	23.1	88.3	23.8	89.5	23.9	90.8	24.0	91.0	24.0	91.3	24.1
		31	68.4	19.0	81.6	24.4	87.0	24.7	88.2	24.8	88.3	24.8	88.6	24.9	88.8	24.9
		33	68.4	20.2	81.6	25.3	85.6	25.6	85.7	25.6	85.9	25.6	86.1	25.7	86.4	25.7
		35	68.4	21.5	81.6	26.3	83.2	26.4	83.3	26.4	83.4	26.4	83.7	26.5	83.9	26.5
		37	68.4	22.9	80.5	27.2	80.7	27.2	80.8	27.2	80.9	27.2	81.2	27.3	81.4	27.3
		39	68.4	24.4	75.3	27.9	76.6	28.0	77.3	28.0	77.9	28.0	78.7	28.0	79.0	28.1
120	840	10	63.2	11.0	75.3	13.4	87.5	16.0	93.6	17.3	99.7	18.0	104	17.3	106	16.6
		12	63.2	11.2	75.3	13.7	87.5	16.3	93.6	17.6	99.7	17.9	103	17.2	105	16.5
		14	63.2	11.4	75.3	14.0	87.5	16.6	93.6	18.0	99.2	17.8	101	17.1	104	17.2
		16	63.2	11.6	75.3	14.2	87.5	16.9	93.6	18.1	97.9	17.9	100	18.0	102	18.2
		18	63.2	11.9	75.3	14.5	87.5	17.5	93.6	18.7	96.6	18.8	98.8	18.9	101	19.1
		20	63.2	12.1	75.3	15.1	87.5	18.8	93.6	19.6	95.2	19.7	97.5	19.9	99.8	20.0
		21	63.2	12.2	75.3	15.6	87.5	19.5	93.4	20.1	94.6	20.1	96.8	20.3	99.1	20.5
		23	63.2	13.0	75.3	16.7	87.5	20.9	92.1	21.0	93.2	21.1	95.5	21.3	97.8	21.5
		25	63.2	13.9	75.3	17.9	87.5	21.8	90.8	21.9	91.9	22.0	94.2	22.2	96.2	22.4
		27	63.2	14.9	75.3	19.2	87.5	22.7	89.4	22.8	90.6	22.9	92.8	23.1	93.7	23.2
		29	63.2	15.9	75.3	20.5	86.9	23.6	88.1	23.7	89.2	23.8	91.0	24.0	91.3	24.1
		31	63.2	16.9	75.3	21.8	85.6	24.5	86.8	24.7	87.9	24.8	88.6	24.9	88.8	24.9
		33	63.2	18.0	75.3	23.3	84.3	25.5	85.4	25.6	85.9	25.6	86.1	25.7	86.4	25.7
		35	63.2	19.2	75.3	24.8	83.0	26.4	83.3	26.4	83.4	26.4	83.7	26.5	83.9	26.5
		37	63.2	20.4	75.3	26.5	80.7	27.2	80.8	27.2	80.9	27.2	81.2	27.3	81.4	27.3
		39	63.2	21.7	75.3	27.9	76.6	28.0	77.3	28.0	77.9	28.0	78.7	28.0	79.0	28.1
110	770	10	57.9	10.0	69.1	12.2	80.2	14.5	85.8	15.6	91.4	16.8	102	17.9	105	17.2
		12	57.9	10.2	69.1	12.4	80.2	14.7	85.8	15.9	91.4	17.1	101	17.8	103	17.1
		14	57.9	10.4	69.1	12.6	80.2	15.0	85.8	16.2	91.4	17.5	99.8	17.7	102	17.1
		16	57.9	10.6	69.1	12.9	80.2	15.3	85.8	16.5	91.4	17.8	98.4	17.9	101	18.0
		18	57.9	10.8	69.1	13.1	80.2	15.6	85.8	17.0	91.4	18.7	97.1	18.8	99.2	19.0
		20	57.9	11.0	69.1	13.4	80.2	16.5	85.8	18.3	91.4	19.6	95.8	19.7	97.8	19.9
		21	57.9	11.1	69.1	13.8	80.2	17.1	85.8	18.9	91.4	20.0	95.1	20.2	97.2	20.4
		23	57.9	11.6	69.1	14.8	80.2	18.4	85.8	20.3	91.4	20.9	93.8	21.1	95.8	21.3
		25	57.9	12.4	69.1	15.8	80.2	19.7	85.8	21.7	90.3	21.8	92.4	22.0	94.5	22.2
		27	57.9	13.2	69.1	16.9	80.2	21.0	85.8	22.7	89.0	22.8	91.1	23.0	93.2	23.2
		29	57.9	14.1	69.1	18.0	80.2	22.5	85.8	23.6	87.7	23.7	89.8	23.9	91.3	24.1
		31	57.9	15.0	69.1	19.2	80.2	24.0	85.3	24.5	86.3	24.6	88.4	24.8	88.8	24.9
		33	57.9	16.0	69.1	20.5	80.2	25.3	84.0	25.4	85.0	25.5	86.1	25.7	86.4	25.7
		35	57.9	17.0	69.1	21.8	80.2	26.2	82.6	26.3	83.4	26.4	83.7	26.5	83.9	26.5
		37	57.9	18.0	69.1	23.2	80.2	27.1	80.8	27.2	80.9	27.2	81.2	27.3	81.4	27.3
		39	57.9	19.2	69.1	24.7	76.6	28.0	77.3	28.0	77.9	28.0	78.7	28.0	79.0	28.1
100	700	10	52.6	9.02	62.8	10.9	72.9	13.0	78.0	14.0	83.1	15.1	93.2	17.2	103	17.8
		12	52.6	9.18	62.8	11.1	72.9	13.2	78.0	14.3	83.1	15.3	93.2	17.5	101	17.7
		14	52.6	9.34	62.8	11.3	72.9	13.4	78.0	14.5	83.1	15.6	93.2	17.9	99.9	17.6
		16	52.6	9.51	62.8	11.6	72.9	13.7	78.0	14.8	83.1	15.9	93.2	18.1	98.6	17.9
		18	52.6	9.69	62.8	11.8	72.9	14.0	78.0	15.1	83.1	16.3	93.2	18.7	97.2	18.8
		20	52.6	9.87	62.8	12.0	72.9	14.4	78.0	15.9	83.1	17.4	93.2	19.6	95.9	19.7
		21	52.6	9.96	62.8	12.1	72.9	14.9	78.0	16.4	83.1	18.0	93.2	20.0	95.2	20.2
		23	52.6	10.2	62.8	12.9	72.9	16.0	78.0	17.6	83.1	19.3	92.0	21.0	93.9	21.1
		25	52.6	10.9	62.8	13.8	72.9	17.1	78.0	18.9	83.1	20.7	90.7	21.9	92.6	22.1
		27	52.6	11.6	62.8	14.8	72.9	18.3	78.0	20.2	83.1	22.2	89.3	22.8	91.2	23.0
		29	52.6	12.4	62.8	15.7	72.9	19.5	78.0	21.5	83.1	23.5	88.0	23.7	89.9	23.9
		31	52.6	13.2	62.8	16.8	72.9	20.8	78.0	23.0	83.1	24.4	86.7	24.6	88.6	24.9
		33	52.6	14.0	62.8	17.9	72.9	22.2	78.0	24.5	83.1	25.4	85.3	25.6	86.4	25.7
		35	52.6	14.9	62.8	19.0	72.9	23.7	78.0	26.2	82.1	26.3	83.7	26.5	83.9	26.5
		37	52.6	15.8	62.8	20.2	72.9	25.2	78.0	27.1	80.8	27.2	81.2	27.3	81.4	27.3
		39	52.6	16.8	62.8	21.5	72.9	26.8	77.3	28.0	77.9	28.0	78.7	28.0	79.0	28.1

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	630	10	47.4	8.07	56.5	9.73	65.6	11.5	70.2	12.4	74.8	13.3	83.9	15.2	93.0	17.2
		12	47.4	8.21	56.5	9.91	65.6	11.7	70.2	12.6	74.8	13.6	83.9	15.5	93.0	17.5
		14	47.4	8.35	56.5	10.1	65.6	11.9	70.2	12.9	74.8	13.8	83.9	15.8	93.0	17.8
		16	47.4	8.50	56.5	10.3	65.6	12.2	70.2	13.1	74.8	14.1	83.9	16.1	93.0	18.1
		18	47.4	8.65	56.5	10.5	65.6	12.4	70.2	13.4	74.8	14.4	83.9	16.4	93.0	18.7
		20	47.4	8.81	56.5	10.7	65.6	12.6	70.2	13.6	74.8	14.9	83.9	17.7	93.0	19.6
		21	47.4	8.89	56.5	10.8	65.6	12.9	70.2	14.1	74.8	15.5	83.9	18.3	93.0	20.0
		23	47.4	9.06	56.5	11.2	65.6	13.8	70.2	15.1	74.8	16.6	83.9	19.6	92.0	21.0
		25	47.4	9.54	56.5	12.0	65.6	14.7	70.2	16.2	74.8	17.7	83.9	21.0	90.6	21.9
		27	47.4	10.2	56.5	12.8	65.6	15.7	70.2	17.3	74.8	18.9	83.9	22.5	89.3	22.8
		29	47.4	10.8	56.5	13.6	65.6	16.8	70.2	18.5	74.8	20.2	83.9	23.5	88.0	23.7
		31	47.4	11.5	56.5	14.5	65.6	17.9	70.2	19.7	74.8	21.6	83.9	24.5	86.6	24.6
		33	47.4	12.2	56.5	15.4	65.6	19.0	70.2	21.0	74.8	23.0	83.6	25.4	85.3	25.6
		35	47.4	13.0	56.5	16.4	65.6	20.3	70.2	22.4	74.8	24.6	82.3	26.3	83.9	26.5
		37	47.4	13.8	56.5	17.4	65.6	21.6	70.2	23.8	74.8	26.2	80.9	27.2	81.4	27.3
		39	47.4	14.6	56.5	18.5	65.6	23.0	70.2	25.4	74.8	27.9	78.7	28.0	79.0	28.1
80	560	10	42.1	7.17	50.2	8.58	58.3	10.1	62.4	10.9	66.5	11.7	74.6	13.3	82.7	15.0
		12	42.1	7.28	50.2	8.73	58.3	10.3	62.4	11.1	66.5	11.9	74.6	13.5	82.7	15.3
		14	42.1	7.40	50.2	8.88	58.3	10.4	62.4	11.3	66.5	12.1	74.6	13.8	82.7	15.5
		16	42.1	7.53	50.2	9.04	58.3	10.6	62.4	11.5	66.5	12.3	74.6	14.1	82.7	15.9
		18	42.1	7.66	50.2	9.21	58.3	10.8	62.4	11.7	66.5	12.6	74.6	14.3	82.7	16.2
		20	42.1	7.79	50.2	9.38	58.3	11.1	62.4	11.9	66.5	12.8	74.6	14.9	82.7	17.3
		21	42.1	7.86	50.2	9.47	58.3	11.2	62.4	12.0	66.5	13.1	74.6	15.4	82.7	17.9
		23	42.1	8.01	50.2	9.65	58.3	11.7	62.4	12.8	66.5	14.0	74.6	16.5	82.7	19.2
		25	42.1	8.27	50.2	10.3	58.3	12.5	62.4	13.7	66.5	15.0	74.6	17.7	82.7	20.6
		27	42.1	8.79	50.2	10.9	58.3	13.3	62.4	14.6	66.5	16.0	74.6	18.9	82.7	22.0
		29	42.1	9.35	50.2	11.7	58.3	14.2	62.4	15.6	66.5	17.1	74.6	20.2	82.7	23.5
		31	42.1	9.92	50.2	12.4	58.3	15.1	62.4	16.6	66.5	18.2	74.6	21.5	82.7	24.4
		33	42.1	10.5	50.2	13.2	58.3	16.1	62.4	17.7	66.5	19.4	74.6	22.9	82.7	25.4
		35	42.1	11.2	50.2	14.0	58.3	17.1	62.4	18.9	66.5	20.6	74.6	24.5	82.0	26.3
		37	42.1	11.8	50.2	14.9	58.3	18.2	62.4	20.1	66.5	22.0	74.6	26.1	80.7	27.2
		39	42.1	12.5	50.2	15.8	58.3	19.4	62.4	21.3	66.5	23.4	74.6	27.8	79.0	28.1
70	490	10	36.8	6.30	43.9	7.48	51.0	8.73	54.6	9.38	58.2	10.0	65.3	11.4	72.4	12.8
		12	36.8	6.40	43.9	7.60	51.0	8.88	54.6	9.54	58.2	10.2	65.3	11.6	72.4	13.1
		14	36.8	6.50	43.9	7.73	51.0	9.04	54.6	9.72	58.2	10.4	65.3	11.8	72.4	13.3
		16	36.8	6.60	43.9	7.86	51.0	9.20	54.6	9.89	58.2	10.6	65.3	12.1	72.4	13.6
		18	36.8	6.71	43.9	8.00	51.0	9.37	54.6	10.1	58.2	10.8	65.3	12.3	72.4	13.9
		20	36.8	6.82	43.9	8.14	51.0	9.54	54.6	10.3	58.2	11.0	65.3	12.6	72.4	14.2
		21	36.8	6.88	43.9	8.22	51.0	9.64	54.6	10.4	58.2	11.1	65.3	12.7	72.4	14.7
		23	36.8	7.00	43.9	8.37	51.0	9.83	54.6	10.7	58.2	11.7	65.3	13.6	72.4	15.8
		25	36.8	7.13	43.9	8.70	51.0	10.5	54.6	11.4	58.2	12.4	65.3	14.6	72.4	16.9
		27	36.8	7.53	43.9	9.26	51.0	11.2	54.6	12.2	58.2	13.3	65.3	15.6	72.4	18.1
		29	36.8	7.99	43.9	9.84	51.0	11.9	54.6	13.0	58.2	14.2	65.3	16.6	72.4	19.3
		31	36.8	8.48	43.9	10.5	51.0	12.7	54.6	13.8	58.2	15.1	65.3	17.7	72.4	20.6
		33	36.8	8.98	43.9	11.1	51.0	13.5	54.6	14.7	58.2	16.0	65.3	18.9	72.4	21.9
		35	36.8	9.51	43.9	11.8	51.0	14.3	54.6	15.7	58.2	17.1	65.3	20.1	72.4	23.4
		37	36.8	10.1	43.9	12.5	51.0	15.2	54.6	16.6	58.2	18.2	65.3	21.4	72.4	24.9
		39	36.8	10.7	43.9	13.2	51.0	16.1	54.6	17.7	58.2	19.3	65.3	22.8	72.4	26.5
60	420	10	31.6	5.48	37.7	6.43	43.8	7.44	46.8	7.97	49.8	8.51	55.9	9.63	62.0	10.8
		12	31.6	5.56	37.7	6.53	43.8	7.57	46.8	8.10	49.8	8.66	55.9	9.80	62.0	11.0
		14	31.6	5.64	37.7	6.63	43.8	7.69	46.8	8.24	49.8	8.81	55.9	9.97	62.0	11.2
		16	31.6	5.72	37.7	6.74	43.8	7.82	46.8	8.39	49.8	8.97	55.9	10.2	62.0	11.4
		18	31.6	5.81	37.7	6.85	43.8	7.96	46.8	8.54	49.8	9.13	55.9	10.4	62.0	11.6
		20	31.6	5.90	37.7	6.97	43.8	8.11	46.8	8.70	49.8	9.30	55.9	10.6	62.0	11.8
		21	31.6	5.95	37.7	7.03	43.8	8.18	46.8	8.78	49.8	9.39	55.9	10.7	62.0	12.0
		23	31.6	6.05	37.7	7.15	43.8	8.33	46.8	8.94	49.8	9.57	55.9	11.1	62.0	12.7
		25	31.6	6.15	37.7	7.28	43.8	8.66	46.8	9.40	49.8	10.2	55.9	11.8	62.0	13.6
		27	31.6	6.37	37.7	7.72	43.8	9.21	46.8	10.0	49.8	10.8	55.9	12.6	62.0	14.5
		29	31.6	6.75	37.7	8.20	43.8	9.79	46.8	10.6	49.8	11.5	55.9	13.4	62.0	15.5
		31	31.6	7.15	37.7	8.69	43.8	10.4	46.8	11.3	49.8	12.3	55.9	14.3	62.0	16.5
		33	31.6	7.56	37.7	9.21	43.8	11.0	46.8	12.0	49.8	13.0	55.9	15.2	62.0	17.6
		35	31.6	8.00	37.7	9.76	43.8	11.7	46.8	12.8	49.8	13.9	55.9	16.2	62.0	18.7
		37	31.6	8.45	37.7	10.3	43.8	12.4	46.8	13.5	49.8	14.7	55.9	17.2	62.0	19.9
		39	31.6	8.93	37.7	10.9	43.8	13.2	46.8	14.4	49.8	15.6	55.9	18.3	62.0	21.1

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	350	10	26.3	4.71	31.4	5.45	36.5	6.24	39.0	6.65	41.5	7.07	46.6	7.94	51.7	8.84
		12	26.3	4.77	31.4	5.53	36.5	6.33	39.0	6.75	41.5	7.18	46.6	8.07	51.7	9.00
		14	26.3	4.83	31.4	5.61	36.5	6.43	39.0	6.86	41.5	7.30	46.6	8.21	51.7	9.16
		16	26.3	4.90	31.4	5.69	36.5	6.53	39.0	6.97	41.5	7.42	46.6	8.35	51.7	9.32
		18	26.3	4.97	31.4	5.78	36.5	6.64	39.0	7.09	41.5	7.55	46.6	8.50	51.7	9.49
		20	26.3	5.04	31.4	5.87	36.5	6.75	39.0	7.21	41.5	7.68	46.6	8.66	51.7	9.67
		21	26.3	5.08	31.4	5.92	36.5	6.81	39.0	7.28	41.5	7.75	46.6	8.74	51.7	9.77
		23	26.3	5.15	31.4	6.01	36.5	6.93	39.0	7.41	41.5	7.89	46.6	8.90	51.7	9.99
		25	26.3	5.23	31.4	6.11	36.5	7.05	39.0	7.56	41.5	8.13	46.6	9.35	51.7	10.7
		27	26.3	5.31	31.4	6.33	36.5	7.44	39.0	8.04	41.5	8.65	46.6	9.96	51.7	11.4
		29	26.3	5.62	31.4	6.71	36.5	7.90	39.0	8.53	41.5	9.19	46.6	10.6	51.7	12.1
		31	26.3	5.94	31.4	7.10	36.5	8.37	39.0	9.05	41.5	9.76	46.6	11.3	51.7	12.9
		33	26.3	6.27	31.4	7.51	36.5	8.87	39.0	9.60	41.5	10.4	46.6	12.0	51.7	13.7
		35	26.3	6.62	31.4	7.94	36.5	9.40	39.0	10.2	41.5	11.0	46.6	12.7	51.7	14.5
		37	26.3	6.98	31.4	8.39	36.5	9.95	39.0	10.8	41.5	11.6	46.6	13.5	51.7	15.4
		39	26.3	7.36	31.4	8.87	36.5	10.5	39.0	11.4	41.5	12.3	46.6	14.3	51.7	16.4

PA-30MX3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130	975	10	74.1	13.8	88.4	16.8	103	20.0	110	20.5	112	20.0	115	19.2	117	18.3
		12	74.1	14.0	88.4	17.2	103	20.4	109	20.3	111	19.9	113	19.1	116	18.8
		14	74.1	14.3	88.4	17.5	103	20.7	108	20.2	109	19.8	112	19.7	115	19.8
		16	74.1	14.6	88.4	17.8	103	20.6	106	20.4	108	20.5	110	20.7	113	20.9
		18	74.1	14.8	88.4	18.2	103	21.4	105	21.5	106	21.6	109	21.8	112	22.0
		20	74.1	15.1	88.4	19.4	102	22.4	104	22.5	105	22.6	108	22.8	110	23.1
		21	74.1	15.6	88.4	20.1	101	22.9	103	23.0	104	23.1	107	23.4	109	23.6
		23	74.1	16.7	88.4	21.5	100	24.0	101	24.1	103	24.2	105	24.5	107	24.6
		25	74.1	17.8	88.4	23.0	98.6	25.0	99.9	25.1	101	25.3	104	25.5	104	25.6
		27	74.1	19.0	88.4	24.6	97.1	26.1	98.5	26.2	99.8	26.3	101	26.5	102	26.5
		29	74.1	20.3	88.4	26.3	95.7	27.1	97.0	27.3	98.3	27.4	98.6	27.4	98.9	27.5
		31	74.1	21.7	88.4	27.9	94.2	28.2	95.5	28.3	95.7	28.3	95.9	28.4	96.2	28.4
		33	74.1	23.1	88.4	28.9	92.7	29.2	92.9	29.3	93.0	29.3	93.3	29.3	93.6	29.3
		35	74.1	24.6	88.4	30.0	90.1	30.2	90.2	30.2	90.4	30.2	90.6	30.2	90.9	30.3
		37	74.1	26.2	87.2	31.0	87.4	31.1	87.6	31.1	87.7	31.1	88.0	31.1	88.2	31.2
		39	74.1	27.9	81.6	31.9	83.0	31.9	83.7	32.0	84.4	32.0	85.3	32.0	85.6	32.1
120	900	10	68.4	12.6	81.6	15.4	94.8	18.3	101.4	19.7	108.0	20.6	112.8	19.8	115.3	19.0
		12	68.4	12.8	81.6	15.6	94.8	18.6	101.4	20.1	108.0	20.5	111.4	19.7	113.9	18.9
		14	68.4	13.0	81.6	15.9	94.8	19.0	101.4	20.5	107.5	20.4	110.0	19.6	112.4	19.7
		16	68.4	13.3	81.6	16.3	94.8	19.3	101.4	20.6	106.0	20.4	108.5	20.6	111.0	20.8
		18	68.4	13.5	81.6	16.6	94.8	20.0	101.4	21.3	104.6	21.4	107.1	21.6	109.5	21.8
		20	68.4	13.8	81.6	17.2	94.8	21.5	101.4	22.4	103.2	22.5	105.6	22.7	108.1	22.9
		21	68.4	13.9	81.6	17.8	94.8	22.3	101.2	22.9	102.4	23.0	104.9	23.2	107.4	23.4
		23	68.4	14.9	81.6	19.1	94.8	23.8	99.8	23.9	101.0	24.1	103.5	24.3	105.9	24.5
		25	68.4	15.9	81.6	20.5	94.8	24.9	98.3	25.0	99.5	25.1	102.0	25.3	104.2	25.6
		27	68.4	17.0	81.6	21.9	94.8	25.9	96.9	26.0	98.1	26.2	100.6	26.4	101.5	26.5
		29	68.4	18.1	81.6	23.4	94.2	27.0	95.4	27.1	96.7	27.2	98.6	27.4	98.9	27.5
		31	68.4	19.3	81.6	24.9	92.7	28.0	94.0	28.2	95.2	28.3	95.9	28.4	96.2	28.4
		33	68.4	20.6	81.6	26.6	91.3	29.1	92.5	29.2	93.0	29.3	93.3	29.3	93.6	29.3
		35	68.4	21.9	81.6	28.4	89.9	30.1	90.2	30.2	90.4	30.2	90.6	30.2	90.9	30.3
		37	68.4	23.3	81.6	30.2	87.4	31.1	87.6	31.1	87.7	31.1	88.0	31.1	88.2	31.2
		39	68.4	24.8	81.6	31.9	83.0	31.9	83.7	32.0	84.4	32.0	85.3	32.0	85.6	32.1
110	825	10	62.7	11.4	74.8	13.9	86.9	16.5	93.0	17.8	99.0	19.2	111	20.4	113	19.7
		12	62.7	11.6	74.8	14.2	86.9	16.8	93.0	18.2	99.0	19.6	110	20.3	112	19.6
		14	62.7	11.8	74.8	14.4	86.9	17.1	93.0	18.5	99.0	19.9	108	20.2	110	19.5
		16	62.7	12.1	74.8	14.7	86.9	17.5	93.0	18.9	99.0	20.3	107	20.4	109	20.6
		18	62.7	12.3	74.8	15.0	86.9	17.8	93.0	19.4	99.0	21.3	105	21.5	107	21.7
		20	62.7	12.5	74.8	15.3	86.9	18.9	93.0	20.9	99.0	22.3	104	22.5	106	22.7
		21	62.7	12.6	74.8	15.8	86.9	19.6	93.0	21.6	99.0	22.9	103	23.1	105	23.2
		23	62.7	13.2	74.8	16.9	86.9	21.0	93.0	23.2	99.0	23.9	102	24.1	104	24.3
		25	62.7	14.1	74.8	18.0	86.9	22.4	93.0	24.8	97.9	24.9	100	25.2	102	25.4
		27	62.7	15.1	74.8	19.3	86.9	24.0	93.0	25.9	96.4	26.0	98.7	26.2	101	26.5
		29	62.7	16.1	74.8	20.6	86.9	25.7	93.0	26.9	95.0	27.0	97.2	27.3	98.9	27.5
		31	62.7	17.1	74.8	21.9	86.9	27.4	92.4	28.0	93.5	28.1	95.8	28.4	96.2	28.4
		33	62.7	18.2	74.8	23.4	86.9	28.9	91.0	29.0	92.1	29.2	93.3	29.3	93.6	29.3
		35	62.7	19.4	74.8	24.9	86.9	29.9	89.5	30.1	90.4	30.2	90.6	30.2	90.9	30.3
		37	62.7	20.6	74.8	26.5	86.9	31.0	87.6	31.1	87.7	31.1	88.0	31.1	88.2	31.2
		39	62.7	21.9	74.8	28.3	83.0	31.9	83.7	32.0	84.4	32.0	85.3	32.0	85.6	32.1
100	750	10	57.0	10.3	68.0	12.5	79.0	14.8	84.5	16.0	90.0	17.2	101	19.6	111	20.3
		12	57.0	10.5	68.0	12.7	79.0	15.1	84.5	16.3	90.0	17.5	101	20.0	110	20.2
		14	57.0	10.7	68.0	12.9	79.0	15.4	84.5	16.6	90.0	17.8	101	20.4	108	20.1
		16	57.0	10.9	68.0	13.2	79.0	15.7	84.5	16.9	90.0	18.2	101	20.7	107	20.4
		18	57.0	11.1	68.0	13.4	79.0	16.0	84.5	17.3	90.0	18.6	101	21.3	105	21.5
		20	57.0	11.3	68.0	13.7	79.0	16.4	84.5	18.1	90.0	19.9	101	22.4	104	22.5
		21	57.0	11.4	68.0	13.9	79.0	17.0	84.5	18.8	90.0	20.6	101	22.9	103	23.1
		23	57.0	11.7	68.0	14.8	79.0	18.2	84.5	20.1	90.0	22.1	99.7	23.9	102	24.1
		25	57.0	12.5	68.0	15.8	79.0	19.5	84.5	21.5	90.0	23.6	98.2	25.0	100	25.2
		27	57.0	13.3	68.0	16.8	79.0	20.9	84.5	23.0	90.0	25.3	96.8	26.0	98.8	26.2
		29	57.0	14.1	68.0	18.0	79.0	22.3	84.5	24.6	90.0	26.9	95.3	27.1	97.4	27.3
		31	57.0	15.0	68.0	19.2	79.0	23.8	84.5	26.3	90.0	27.9	93.9	28.1	96.0	28.4
		33	57.0	16.0	68.0	20.4	79.0	25.3	84.5	28.0	90.0	29.0	92.5	29.2	93.6	29.3
		35	57.0	17.0	68.0	21.7	79.0	27.0	84.5	29.9	89.0	30.0	90.6	30.2	90.9	30.3
		37	57.0	18.1	68.0	23.1	79.0	28.8	84.5	30.9	87.5	31.1	88.0	31.1	88.2	31.2
		39	57.0	19.2	68.0	24.6	79.0	30.7	83.7	32.0	84.4	32.0	85.3	32.0	85.6	32.1

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	675	10	51.3	9.22	61.2	11.1	71.1	13.1	76.1	14.2	81.0	15.2	90.9	17.4	100.8	19.6
		12	51.3	9.37	61.2	11.3	71.1	13.4	76.1	14.4	81.0	15.5	90.9	17.7	100.8	20.0
		14	51.3	9.53	61.2	11.5	71.1	13.6	76.1	14.7	81.0	15.8	90.9	18.1	100.8	20.3
		16	51.3	9.70	61.2	11.7	71.1	13.9	76.1	15.0	81.0	16.1	90.9	18.4	100.8	20.7
		18	51.3	9.88	61.2	12.0	71.1	14.1	76.1	15.3	81.0	16.4	90.9	18.8	100.8	21.3
		20	51.3	10.1	61.2	12.2	71.1	14.4	76.1	15.6	81.0	17.0	90.9	20.2	100.8	22.4
		21	51.3	10.2	61.2	12.3	71.1	14.7	76.1	16.1	81.0	17.6	90.9	20.9	100.8	22.9
		23	51.3	10.3	61.2	12.8	71.1	15.7	76.1	17.3	81.0	18.9	90.9	22.4	99.6	23.9
		25	51.3	10.9	61.2	13.7	71.1	16.8	76.1	18.5	81.0	20.2	90.9	24.0	98.2	25.0
		27	51.3	11.6	61.2	14.6	71.1	17.9	76.1	19.7	81.0	21.6	90.9	25.7	96.8	26.0
		29	51.3	12.3	61.2	15.5	71.1	19.1	76.1	21.1	81.0	23.1	90.9	26.9	95.3	27.1
		31	51.3	13.1	61.2	16.6	71.1	20.4	76.1	22.5	81.0	24.7	90.9	27.9	93.9	28.1
		33	51.3	13.9	61.2	17.6	71.1	21.7	76.1	24.0	81.0	26.3	90.6	29.0	92.4	29.2
		35	51.3	14.8	61.2	18.7	71.1	23.1	76.1	25.5	81.0	28.0	89.1	30.0	90.9	30.3
		37	51.3	15.7	61.2	19.9	71.1	24.6	76.1	27.2	81.0	29.9	87.7	31.1	88.2	31.2
		39	51.3	16.7	61.2	21.2	71.1	26.2	76.1	29.0	81.0	31.8	85.3	32.0	85.6	32.1
80	600	10	45.6	8.18	54.4	9.8	63.2	11.5	67.6	12.4	72.0	13.3	80.8	15.2	89.6	17.1
		12	45.6	8.31	54.4	10.0	63.2	11.7	67.6	12.6	72.0	13.6	80.8	15.5	89.6	17.4
		14	45.6	8.45	54.4	10.1	63.2	11.9	67.6	12.9	72.0	13.8	80.8	15.8	89.6	17.8
		16	45.6	8.59	54.4	10.3	63.2	12.2	67.6	13.1	72.0	14.1	80.8	16.1	89.6	18.1
		18	45.6	8.74	54.4	10.5	63.2	12.4	67.6	13.4	72.0	14.3	80.8	16.4	89.6	18.5
		20	45.6	8.90	54.4	10.7	63.2	12.6	67.6	13.6	72.0	14.6	80.8	17.0	89.6	19.7
		21	45.6	8.98	54.4	10.8	63.2	12.8	67.6	13.8	72.0	14.9	80.8	17.6	89.6	20.5
		23	45.6	9.14	54.4	11.0	63.2	13.4	67.6	14.6	72.0	16.0	80.8	18.8	89.6	21.9
		25	45.6	9.44	54.4	11.7	63.2	14.3	67.6	15.7	72.0	17.1	80.8	20.2	89.6	23.5
		27	45.6	10.0	54.4	12.5	63.2	15.2	67.6	16.7	72.0	18.2	80.8	21.5	89.6	25.1
		29	45.6	10.7	54.4	13.3	63.2	16.2	67.6	17.8	72.0	19.5	80.8	23.0	89.6	26.9
		31	45.6	11.3	54.4	14.1	63.2	17.3	67.6	19.0	72.0	20.8	80.8	24.6	89.6	27.9
		33	45.6	12.0	54.4	15.0	63.2	18.4	67.6	20.2	72.0	22.1	80.8	26.2	89.6	28.9
		35	45.6	12.8	54.4	16.0	63.2	19.6	67.6	21.5	72.0	23.6	80.8	27.9	88.9	30.0
		37	45.6	13.5	54.4	17.0	63.2	20.8	67.6	22.9	72.0	25.1	80.8	29.8	87.4	31.1
		39	45.6	14.3	54.4	18.0	63.2	22.1	67.6	24.4	72.0	26.7	80.8	31.7	85.6	32.1
70	525	10	39.9	7.19	47.6	8.54	55.3	9.97	59.2	10.7	63.0	11.5	70.7	13.0	78.4	14.7
		12	39.9	7.30	47.6	8.68	55.3	10.1	59.2	10.9	63.0	11.7	70.7	13.3	78.4	14.9
		14	39.9	7.42	47.6	8.82	55.3	10.3	59.2	11.1	63.0	11.9	70.7	13.5	78.4	15.2
		16	39.9	7.54	47.6	8.97	55.3	10.5	59.2	11.3	63.0	12.1	70.7	13.8	78.4	15.5
		18	39.9	7.66	47.6	9.13	55.3	10.7	59.2	11.5	63.0	12.3	70.7	14.1	78.4	15.8
		20	39.9	7.79	47.6	9.30	55.3	10.9	59.2	11.7	63.0	12.6	70.7	14.3	78.4	16.3
		21	39.9	7.86	47.6	9.38	55.3	11.0	59.2	11.8	63.0	12.7	70.7	14.6	78.4	16.8
		23	39.9	7.99	47.6	9.56	55.3	11.2	59.2	12.2	63.0	13.3	70.7	15.6	78.4	18.0
		25	39.9	8.14	47.6	9.94	55.3	12.0	59.2	13.1	63.0	14.2	70.7	16.7	78.4	19.3
		27	39.9	8.60	47.6	10.6	55.3	12.8	59.2	13.9	63.0	15.2	70.7	17.8	78.4	20.6
		29	39.9	9.13	47.6	11.2	55.3	13.6	59.2	14.8	63.0	16.2	70.7	19.0	78.4	22.0
		31	39.9	9.68	47.6	11.9	55.3	14.5	59.2	15.8	63.0	17.2	70.7	20.2	78.4	23.5
		33	39.9	10.3	47.6	12.7	55.3	15.4	59.2	16.8	63.0	18.3	70.7	21.5	78.4	25.0
		35	39.9	10.9	47.6	13.4	55.3	16.3	59.2	17.9	63.0	19.5	70.7	22.9	78.4	26.7
		37	39.9	11.5	47.6	14.3	55.3	17.3	59.2	19.0	63.0	20.7	70.7	24.4	78.4	28.4
		39	39.9	12.2	47.6	15.1	55.3	18.4	59.2	20.2	63.0	22.0	70.7	26.0	78.4	30.3
60	450	10	34.2	6.26	40.8	7.34	47.4	8.50	50.7	9.1	54.0	9.7	60.6	11.0	67.2	12.3
		12	34.2	6.35	40.8	7.46	47.4	8.64	50.7	9.3	54.0	9.9	60.6	11.2	67.2	12.5
		14	34.2	6.44	40.8	7.58	47.4	8.78	50.7	9.4	54.0	10.1	60.6	11.4	67.2	12.8
		16	34.2	6.54	40.8	7.70	47.4	8.93	50.7	9.6	54.0	10.2	60.6	11.6	67.2	13.0
		18	34.2	6.64	40.8	7.83	47.4	9.09	50.7	9.7	54.0	10.4	60.6	11.8	67.2	13.3
		20	34.2	6.74	40.8	7.96	47.4	9.25	50.7	9.9	54.0	10.6	60.6	12.0	67.2	13.5
		21	34.2	6.79	40.8	8.03	47.4	9.34	50.7	10.0	54.0	10.7	60.6	12.2	67.2	13.7
		23	34.2	6.90	40.8	8.17	47.4	9.51	50.7	10.2	54.0	10.9	60.6	12.6	67.2	14.5
		25	34.2	7.02	40.8	8.32	47.4	9.88	50.7	10.7	54.0	11.6	60.6	13.5	67.2	15.5
		27	34.2	7.27	40.8	8.82	47.4	10.5	50.7	11.4	54.0	12.4	60.6	14.4	67.2	16.6
		29	34.2	7.71	40.8	9.36	47.4	11.2	50.7	12.2	54.0	13.2	60.6	15.3	67.2	17.7
		31	34.2	8.16	40.8	9.93	47.4	11.9	50.7	12.9	54.0	14.0	60.6	16.3	67.2	18.8
		33	34.2	8.63	40.8	10.5	47.4	12.6	50.7	13.7	54.0	14.9	60.6	17.4	67.2	20.0
		35	34.2	9.13	40.8	11.1	47.4	13.4	50.7	14.6	54.0	15.8	60.6	18.5	67.2	21.3
		37	34.2	9.65	40.8	11.8	47.4	14.2	50.7	15.5	54.0	16.8	60.6	19.6	67.2	22.7
		39	34.2	10.2	40.8	12.5	47.4	15.0	50.7	16.4	54.0	17.8	60.6	20.9	67.2	24.1

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	375	10	28.5	5.38	34.0	6.22	39.5	7.12	42.3	7.59	45.0	8.07	50.5	9.06	56.0	10.1
		12	28.5	5.45	34.0	6.31	39.5	7.23	42.3	7.71	45.0	8.20	50.5	9.21	56.0	10.3
		14	28.5	5.52	34.0	6.40	39.5	7.34	42.3	7.83	45.0	8.33	50.5	9.37	56.0	10.5
		16	28.5	5.59	34.0	6.50	39.5	7.46	42.3	7.96	45.0	8.48	50.5	9.54	56.0	10.6
		18	28.5	5.67	34.0	6.60	39.5	7.58	42.3	8.10	45.0	8.62	50.5	9.71	56.0	10.8
		20	28.5	5.75	34.0	6.70	39.5	7.71	42.3	8.23	45.0	8.77	50.5	9.89	56.0	11.0
		21	28.5	5.80	34.0	6.76	39.5	7.78	42.3	8.31	45.0	8.85	50.5	9.98	56.0	11.1
		23	28.5	5.88	34.0	6.87	39.5	7.91	42.3	8.46	45.0	9.01	50.5	10.2	56.0	11.4
		25	28.5	5.97	34.0	6.98	39.5	8.05	42.3	8.63	45.0	9.29	50.5	10.7	56.0	12.2
		27	28.5	6.07	34.0	7.23	39.5	8.50	42.3	9.17	45.0	9.88	50.5	11.4	56.0	13.0
		29	28.5	6.42	34.0	7.66	39.5	9.02	42.3	9.74	45.0	10.5	50.5	12.1	56.0	13.8
		31	28.5	6.78	34.0	8.11	39.5	9.56	42.3	10.3	45.0	11.1	50.5	12.9	56.0	14.7
		33	28.5	7.16	34.0	8.58	39.5	10.1	42.3	11.0	45.0	11.8	50.5	13.6	56.0	15.6
		35	28.5	7.56	34.0	9.07	39.5	10.7	42.3	11.6	45.0	12.5	50.5	14.5	56.0	16.6
		37	28.5	7.97	34.0	9.58	39.5	11.4	42.3	12.3	45.0	13.3	50.5	15.4	56.0	17.6
		39	28.5	8.40	34.0	10.1	39.5	12.0	42.3	13.0	45.0	14.1	50.5	16.3	56.0	18.7

PA-32MX3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130	1,040	10	78.1	14.4	93.1	17.6	108	20.9	116	21.4	118	20.9	121	20.1	124	19.2
		12	78.1	14.7	93.1	17.9	108	21.3	115	21.3	117	20.8	119	19.9	122	19.6
		14	78.1	14.9	93.1	18.3	108	21.6	114	21.2	115	20.7	118	20.5	121	20.7
		16	78.1	15.2	93.1	18.6	108	21.5	112	21.3	113	21.4	116	21.7	119	21.9
		18	78.1	15.5	93.1	19.0	108	22.3	111	22.4	112	22.5	115	22.8	118	23.0
		20	78.1	15.8	93.1	20.2	108	23.4	109	23.5	110	23.6	113	23.9	116	24.1
		21	78.1	16.3	93.1	21.0	107	24.0	108	24.1	110	24.2	112	24.4	114	24.6
		23	78.1	17.4	93.1	22.5	105	25.1	107	25.2	108	25.3	111	25.6	111	25.6
		25	78.1	18.6	93.1	24.1	104	26.1	105	26.3	107	26.4	108	26.6	109	26.6
		27	78.1	19.9	93.1	25.8	102	27.2	104	27.4	105	27.5	106	27.6	106	27.6
		29	78.1	21.2	93.1	27.5	101	28.4	102	28.5	102	28.5	103	28.6	103	28.6
		31	78.1	22.6	93.1	29.1	99.2	29.5	99.5	29.5	99.6	29.5	99.9	29.5	100	29.6
		33	78.1	24.1	93.1	30.2	96.6	30.4	96.7	30.5	96.8	30.5	97.1	30.5	97.4	30.5
		35	78.1	25.7	93.1	31.3	93.8	31.4	93.9	31.4	94.0	31.4	94.3	31.5	94.6	31.5
		37	78.1	27.4	86.7	32.0	88.2	32.3	89.0	32.3	89.8	32.4	91.3	32.4	91.8	32.4
		39	78.1	29.1	79.9	30.2	81.4	31.0	82.1	31.4	82.9	31.9	84.4	32.7	85.9	33.4
120	960	10	72.1	13.1	86.0	16.1	99.9	19.1	107	20.6	114	21.5	119	20.7	121	19.9
		12	72.1	13.4	86.0	16.4	99.9	19.5	107	21.0	114	21.4	117	20.6	120	19.7
		14	72.1	13.6	86.0	16.7	99.9	19.8	107	21.4	113	21.3	116	20.4	118	20.6
		16	72.1	13.9	86.0	17.0	99.9	20.2	107	21.6	112	21.3	114	21.5	117	21.7
		18	72.1	14.2	86.0	17.3	99.9	20.9	107	22.3	110	22.4	113	22.6	115	22.8
		20	72.1	14.4	86.0	18.0	99.9	22.5	107	23.4	109	23.5	111	23.7	114	23.9
		21	72.1	14.6	86.0	18.7	99.9	23.3	107	23.9	108	24.0	110	24.3	113	24.5
		23	72.1	15.6	86.0	20.0	99.9	24.9	105	25.0	106	25.1	109	25.4	111	25.6
		25	72.1	16.6	86.0	21.4	99.9	26.0	104	26.1	105	26.2	107	26.5	109	26.6
		27	72.1	17.8	86.0	22.9	99.9	27.1	102	27.2	103	27.4	106	27.6	106	27.6
		29	72.1	18.9	86.0	24.4	99.2	28.2	101	28.3	102	28.5	103	28.6	103	28.6
		31	72.1	20.2	86.0	26.1	97.7	29.3	99.0	29.4	99.6	29.5	99.9	29.5	100	29.6
		33	72.1	21.5	86.0	27.8	96.2	30.4	96.7	30.5	96.8	30.5	97.1	30.5	97.4	30.5
		35	72.1	22.9	86.0	29.6	93.8	31.4	93.9	31.4	94.0	31.4	94.3	31.5	94.6	31.5
		37	72.1	24.4	86.0	31.6	88.2	32.3	89.0	32.3	89.8	32.4	91.3	32.4	91.8	32.4
		39	72.1	25.9	79.9	30.2	81.4	31.0	82.1	31.4	82.9	31.9	84.4	32.7	85.9	33.4
110	880	10	66.1	11.9	78.8	14.5	91.5	17.3	97.9	18.7	104	20.1	117	21.3	119	20.6
		12	66.1	12.1	78.8	14.8	91.5	17.6	97.9	19.0	104	20.4	115	21.2	118	20.4
		14	66.1	12.4	78.8	15.1	91.5	17.9	97.9	19.4	104	20.8	114	21.1	116	20.4
		16	66.1	12.6	78.8	15.4	91.5	18.3	97.9	19.8	104	21.2	112	21.4	115	21.5
		18	66.1	12.8	78.8	15.7	91.5	18.6	97.9	20.3	104	22.3	111	22.5	113	22.6
		20	66.1	13.1	78.8	16.0	91.5	19.7	97.9	21.8	104	23.4	109	23.6	112	23.7
		21	66.1	13.2	78.8	16.5	91.5	20.4	97.9	22.6	104	23.9	108	24.1	111	24.3
		23	66.1	13.8	78.8	17.6	91.5	21.9	97.9	24.2	104	25.0	107	25.2	109	25.4
		25	66.1	14.8	78.8	18.9	91.5	23.5	97.9	26.0	103	26.1	105	26.3	108	26.5
		27	66.1	15.8	78.8	20.2	91.5	25.1	97.9	27.1	102	27.2	104	27.4	106	27.6
		29	66.1	16.8	78.8	21.5	91.5	26.8	97.9	28.1	100	28.3	102	28.5	103	28.6
		31	66.1	17.9	78.8	22.9	91.5	28.6	97.3	29.2	98.5	29.4	99.9	29.5	100	29.6
		33	66.1	19.0	78.8	24.5	91.5	30.2	95.8	30.3	96.8	30.5	97.1	30.5	97.4	30.5
		35	66.1	20.3	78.8	26.1	91.5	31.3	93.9	31.4	94.0	31.4	94.3	31.5	94.6	31.5
		37	66.1	21.5	78.8	27.7	88.2	32.3	89.0	32.3	89.8	32.4	91.3	32.4	91.8	32.4
		39	66.1	22.9	78.8	29.5	81.4	31.0	82.1	31.4	82.9	31.9	84.4	32.7	85.9	33.4
100	800	10	60.1	10.8	71.6	13.1	83.2	15.5	89.0	16.7	94.8	18.0	106	20.5	117	21.3
		12	60.1	11.0	71.6	13.3	83.2	15.8	89.0	17.0	94.8	18.3	106	20.9	116	21.1
		14	60.1	11.1	71.6	13.5	83.2	16.1	89.0	17.3	94.8	18.7	106	21.3	114	21.0
		16	60.1	11.4	71.6	13.8	83.2	16.4	89.0	17.7	94.8	19.0	106	21.6	112	21.4
		18	60.1	11.6	71.6	14.1	83.2	16.7	89.0	18.0	94.8	19.4	106	22.3	111	22.5
		20	60.1	11.8	71.6	14.3	83.2	17.2	89.0	18.9	94.8	20.8	106	23.4	109	23.6
		21	60.1	11.9	71.6	14.5	83.2	17.8	89.0	19.6	94.8	21.5	106	23.9	109	24.1
		23	60.1	12.2	71.6	15.4	83.2	19.1	89.0	21.0	94.8	23.1	105	25.0	107	25.2
		25	60.1	13.0	71.6	16.5	83.2	20.4	89.0	22.5	94.8	24.7	103	26.1	106	26.3
		27	60.1	13.9	71.6	17.6	83.2	21.8	89.0	24.1	94.8	26.5	102	27.2	104	27.4
		29	60.1	14.8	71.6	18.8	83.2	23.3	89.0	25.7	94.8	28.1	100	28.3	103	28.6
		31	60.1	15.7	71.6	20.0	83.2	24.8	89.0	27.5	94.8	29.2	98.9	29.4	100	29.6
		33	60.1	16.7	71.6	21.3	83.2	26.5	89.0	29.3	94.8	30.3	97.1	30.5	97.4	30.5
		35	60.1	17.8	71.6	22.7	83.2	28.2	89.0	31.2	93.7	31.4	94.3	31.5	94.6	31.5
		37	60.1	18.9	71.6	24.2	83.2	30.1	89.0	32.3	89.8	32.4	91.3	32.4	91.8	32.4
		39	60.1	20.1	71.6	25.7	81.4	31.0	82.1	31.4	82.9	31.9	84.4	32.7	85.9	33.4

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	720	10	54.1	9.64	64.5	11.6	74.9	13.7	80.1	14.8	85.3	15.9	95.7	18.2	106	20.5
		12	54.1	9.80	64.5	11.8	74.9	14.0	80.1	15.1	85.3	16.2	95.7	18.5	106	20.9
		14	54.1	9.97	64.5	12.0	74.9	14.2	80.1	15.4	85.3	16.5	95.7	18.9	106	21.3
		16	54.1	10.1	64.5	12.3	74.9	14.5	80.1	15.7	85.3	16.8	95.7	19.2	106	21.6
		18	54.1	10.3	64.5	12.5	74.9	14.8	80.1	16.0	85.3	17.2	95.7	19.6	106	22.3
		20	54.1	10.5	64.5	12.7	74.9	15.1	80.1	16.3	85.3	17.8	95.7	21.1	106	23.4
		21	54.1	10.6	64.5	12.9	74.9	15.3	80.1	16.9	85.3	18.5	95.7	21.9	106	23.9
		23	54.1	10.8	64.5	13.4	74.9	16.4	80.1	18.1	85.3	19.8	95.7	23.4	105	25.0
		25	54.1	11.4	64.5	14.3	74.9	17.6	80.1	19.3	85.3	21.2	95.7	25.1	103	26.1
		27	54.1	12.1	64.5	15.3	74.9	18.7	80.1	20.6	85.3	22.6	95.7	26.8	102	27.2
		29	54.1	12.9	64.5	16.3	74.9	20.0	80.1	22.0	85.3	24.2	95.7	28.1	100	28.3
		31	54.1	13.7	64.5	17.3	74.9	21.3	80.1	23.5	85.3	25.8	95.7	29.2	98.9	29.4
		33	54.1	14.6	64.5	18.4	74.9	22.7	80.1	25.0	85.3	27.5	95.4	30.3	97.3	30.5
		35	54.1	15.5	64.5	19.6	74.9	24.2	80.1	26.7	85.3	29.3	93.9	31.4	94.6	31.5
		37	54.1	16.4	64.5	20.8	74.9	25.8	80.1	28.4	85.3	31.2	91.3	32.4	91.8	32.4
		39	54.1	17.4	64.5	22.1	74.9	27.4	80.1	30.3	82.9	31.9	84.4	32.7	85.9	33.4
80	640	10	48.1	8.55	57.3	10.2	66.6	12.0	71.2	13.0	75.8	13.9	85.1	15.9	94.3	17.9
		12	48.1	8.69	57.3	10.4	66.6	12.3	71.2	13.2	75.8	14.2	85.1	16.2	94.3	18.2
		14	48.1	8.84	57.3	10.6	66.6	12.5	71.2	13.4	75.8	14.4	85.1	16.5	94.3	18.6
		16	48.1	8.98	57.3	10.8	66.6	12.7	71.2	13.7	75.8	14.7	85.1	16.8	94.3	18.9
		18	48.1	9.14	57.3	11.0	66.6	12.9	71.2	14.0	75.8	15.0	85.1	17.1	94.3	19.3
		20	48.1	9.30	57.3	11.2	66.6	13.2	71.2	14.2	75.8	15.3	85.1	17.8	94.3	20.6
		21	48.1	9.39	57.3	11.3	66.6	13.3	71.2	14.4	75.8	15.6	85.1	18.4	94.3	21.4
		23	48.1	9.56	57.3	11.5	66.6	14.0	71.2	15.3	75.8	16.7	85.1	19.7	94.3	22.9
		25	48.1	9.87	57.3	12.3	66.6	14.9	71.2	16.4	75.8	17.9	85.1	21.1	94.3	24.6
		27	48.1	10.5	57.3	13.1	66.6	15.9	71.2	17.5	75.8	19.1	85.1	22.5	94.3	26.3
		29	48.1	11.2	57.3	13.9	66.6	17.0	71.2	18.6	75.8	20.4	85.1	24.1	94.3	28.1
		31	48.1	11.8	57.3	14.8	66.6	18.1	71.2	19.9	75.8	21.7	85.1	25.7	94.3	29.2
		33	48.1	12.6	57.3	15.7	66.6	19.2	71.2	21.1	75.8	23.1	85.1	27.4	94.3	30.3
		35	48.1	13.3	57.3	16.7	66.6	20.5	71.2	22.5	75.8	24.6	85.1	29.2	93.6	31.4
		37	48.1	14.1	57.3	17.7	66.6	21.8	71.2	23.9	75.8	26.2	85.1	31.1	91.8	32.4
		39	48.1	15.0	57.3	18.8	66.6	23.1	71.2	25.5	75.8	27.9	84.4	32.7	85.9	33.4
70	560	10	42.0	7.52	50.1	8.93	58.2	10.4	62.3	11.2	66.4	12.0	74.5	13.6	82.6	15.3
		12	42.0	7.64	50.1	9.07	58.2	10.6	62.3	11.4	66.4	12.2	74.5	13.9	82.6	15.6
		14	42.0	7.76	50.1	9.22	58.2	10.8	62.3	11.6	66.4	12.4	74.5	14.1	82.6	15.9
		16	42.0	7.88	50.1	9.38	58.2	11.0	62.3	11.8	66.4	12.7	74.5	14.4	82.6	16.2
		18	42.0	8.01	50.1	9.55	58.2	11.2	62.3	12.0	66.4	12.9	74.5	14.7	82.6	16.5
		20	42.0	8.14	50.1	9.72	58.2	11.4	62.3	12.3	66.4	13.2	74.5	15.0	82.6	17.0
		21	42.0	8.21	50.1	9.81	58.2	11.5	62.3	12.4	66.4	13.3	74.5	15.2	82.6	17.6
		23	42.0	8.36	50.1	9.99	58.2	11.7	62.3	12.8	66.4	13.9	74.5	16.3	82.6	18.9
		25	42.0	8.51	50.1	10.4	58.2	12.5	62.3	13.7	66.4	14.9	74.5	17.4	82.6	20.2
		27	42.0	8.99	50.1	11.1	58.2	13.3	62.3	14.6	66.4	15.9	74.5	18.6	82.6	21.6
		29	42.0	9.54	50.1	11.8	58.2	14.2	62.3	15.5	66.4	16.9	74.5	19.8	82.6	23.0
		31	42.0	10.1	50.1	12.5	58.2	15.1	62.3	16.5	66.4	18.0	74.5	21.1	82.6	24.6
		33	42.0	10.7	50.1	13.3	58.2	16.1	62.3	17.6	66.4	19.2	74.5	22.5	82.6	26.2
		35	42.0	11.4	50.1	14.1	58.2	17.1	62.3	18.7	66.4	20.4	74.5	24.0	82.6	27.9
		37	42.0	12.0	50.1	14.9	58.2	18.1	62.3	19.9	66.4	21.7	74.5	25.5	82.6	29.7
		39	42.0	12.7	50.1	15.8	58.2	19.2	62.3	21.1	66.4	23.0	74.5	27.2	82.6	31.7
60	480	10	36.0	6.54	43.0	7.68	49.9	8.89	53.4	9.52	56.9	10.2	63.8	11.5	70.8	12.9
		12	36.0	6.64	43.0	7.80	49.9	9.03	53.4	9.68	56.9	10.3	63.8	11.7	70.8	13.1
		14	36.0	6.73	43.0	7.92	49.9	9.18	53.4	9.84	56.9	10.5	63.8	11.9	70.8	13.4
		16	36.0	6.83	43.0	8.05	49.9	9.34	53.4	10.0	56.9	10.7	63.8	12.1	70.8	13.6
		18	36.0	6.94	43.0	8.18	49.9	9.50	53.4	10.2	56.9	10.9	63.8	12.4	70.8	13.9
		20	36.0	7.05	43.0	8.32	49.9	9.68	53.4	10.4	56.9	11.1	63.8	12.6	70.8	14.1
		21	36.0	7.10	43.0	8.39	49.9	9.76	53.4	10.5	56.9	11.2	63.8	12.7	70.8	14.3
		23	36.0	7.22	43.0	8.54	49.9	9.95	53.4	10.7	56.9	11.4	63.8	13.2	70.8	15.2
		25	36.0	7.34	43.0	8.69	49.9	10.3	53.4	11.2	56.9	12.1	63.8	14.1	70.8	16.2
		27	36.0	7.61	43.0	9.22	49.9	11.0	53.4	11.9	56.9	12.9	63.8	15.0	70.8	17.3
		29	36.0	8.06	43.0	9.78	49.9	11.7	53.4	12.7	56.9	13.8	63.8	16.0	70.8	18.5
		31	36.0	8.53	43.0	10.4	49.9	12.4	53.4	13.5	56.9	14.6	63.8	17.1	70.8	19.7
		33	36.0	9.03	43.0	11.0	49.9	13.2	53.4	14.3	56.9	15.6	63.8	18.2	70.8	21.0
		35	36.0	9.55	43.0	11.7	49.9	14.0	53.4	15.2	56.9	16.5	63.8	19.3	70.8	22.3
		37	36.0	10.1	43.0	12.3	49.9	14.8	53.4	16.2	56.9	17.6	63.8	20.5	70.8	23.7
		39	36.0	10.7	43.0	13.1	49.9	15.7	53.4	17.1	56.9	18.6	63.8	21.8	70.8	25.2

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	400	10	30.0	5.62	35.8	6.51	41.6	7.45	44.5	7.94	47.4	8.44	53.2	9.48	59.0	10.6
		12	30.0	5.70	35.8	6.60	41.6	7.56	44.5	8.06	47.4	8.57	53.2	9.63	59.0	10.7
		14	30.0	5.77	35.8	6.70	41.6	7.68	44.5	8.19	47.4	8.71	53.2	9.80	59.0	10.9
		16	30.0	5.85	35.8	6.80	41.6	7.80	44.5	8.32	47.4	8.86	53.2	9.97	59.0	11.1
		18	30.0	5.93	35.8	6.90	41.6	7.93	44.5	8.46	47.4	9.01	53.2	10.1	59.0	11.3
		20	30.0	6.02	35.8	7.01	41.6	8.06	44.5	8.61	47.4	9.17	53.2	10.3	59.0	11.5
		21	30.0	6.06	35.8	7.06	41.6	8.13	44.5	8.68	47.4	9.25	53.2	10.4	59.0	11.7
		23	30.0	6.15	35.8	7.18	41.6	8.27	44.5	8.84	47.4	9.42	53.2	10.6	59.0	11.9
		25	30.0	6.24	35.8	7.30	41.6	8.42	44.5	9.02	47.4	9.71	53.2	11.2	59.0	12.7
		27	30.0	6.34	35.8	7.56	41.6	8.89	44.5	9.59	47.4	10.3	53.2	11.9	59.0	13.6
		29	30.0	6.71	35.8	8.01	41.6	9.43	44.5	10.2	47.4	11.0	53.2	12.6	59.0	14.4
		31	30.0	7.09	35.8	8.48	41.6	10.0	44.5	10.8	47.4	11.6	53.2	13.4	59.0	15.4
		33	30.0	7.49	35.8	8.97	41.6	10.6	44.5	11.5	47.4	12.4	53.2	14.3	59.0	16.3
		35	30.0	7.90	35.8	9.48	41.6	11.2	44.5	12.1	47.4	13.1	53.2	15.1	59.0	17.3
		37	30.0	8.33	35.8	10.0	41.6	11.9	44.5	12.9	47.4	13.9	53.2	16.1	59.0	18.4
		39	30.0	8.79	35.8	10.6	41.6	12.6	44.5	13.6	47.4	14.7	53.2	17.1	59.0	19.6

PA-34MX3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130	1,105	10	84.2	14.9	100	18.2	117	21.6	125	22.1	127	21.6	130	20.7	133	19.8
		12	84.2	15.1	100	18.5	117	22.0	124	22.0	126	21.5	129	20.6	132	20.3
		14	84.2	15.4	100	18.9	117	22.3	123	21.9	124	21.4	127	21.2	130	21.4
		16	84.2	15.7	100	19.2	117	22.2	121	22.0	122	22.2	125	22.4	128	22.6
		18	84.2	16.0	100	19.6	117	23.1	119	23.2	121	23.3	124	23.5	127	23.7
		20	84.2	16.3	100	20.9	116	24.2	118	24.3	119	24.4	122	24.7	125	24.9
		21	84.2	16.8	100	21.7	115	24.7	117	24.9	118	25.0	121	25.2	124	25.5
		23	84.2	18.0	100	23.2	114	25.9	115	26.0	117	26.1	120	26.4	123	26.7
		25	84.2	19.2	100	24.9	112	27.0	113	27.1	115	27.3	118	27.6	121	27.8
		27	84.2	20.5	100	26.6	110	28.1	112	28.3	113	28.4	116	28.7	119	29.0
		29	84.2	21.9	100	28.4	109	29.3	110	29.4	112	29.6	115	29.9	118	30.2
		31	84.2	23.4	100	30.1	107	30.4	109	30.6	110	30.8	113	31.1	116	31.4
		33	84.2	24.9	100	31.2	105	31.6	107	31.8	108	31.9	111	32.3	115	32.6
		35	84.2	26.5	100	32.4	104	32.7	105	32.9	107	33.1	110	33.5	113	33.8
		37	84.2	28.3	99.1	33.5	102	33.9	104	34.1	105	34.3	108	34.7	111	35.1
		39	84.2	30.1	97.5	34.7	100	35.1	102	35.3	104	35.5	107	35.9	110	36.3
120	1,020	10	77.7	13.6	92.7	16.6	108	19.7	115	21.3	123	22.2	128	21.4	131	20.5
		12	77.7	13.8	92.7	16.9	108	20.1	115	21.7	123	22.1	127	21.2	129	20.4
		14	77.7	14.1	92.7	17.2	108	20.5	115	22.1	122	22.0	125	21.1	128	21.3
		16	77.7	14.3	92.7	17.5	108	20.9	115	22.3	120	22.0	123	22.2	126	22.4
		18	77.7	14.6	92.7	17.9	108	21.6	115	23.0	119	23.1	122	23.3	124	23.6
		20	77.7	14.9	92.7	18.6	108	23.2	115	24.2	117	24.3	120	24.5	123	24.7
		21	77.7	15.1	92.7	19.3	108	24.0	115	24.7	116	24.8	119	25.1	122	25.3
		23	77.7	16.1	92.7	20.6	108	25.7	113	25.8	115	26.0	118	26.2	120	26.5
		25	77.7	17.2	92.7	22.1	108	26.8	112	27.0	113	27.1	116	27.4	119	27.6
		27	77.7	18.3	92.7	23.6	108	28.0	110	28.1	111	28.2	114	28.5	117	28.8
		29	77.7	19.6	92.7	25.2	107	29.1	108	29.3	110	29.4	113	29.7	115	30.0
		31	77.7	20.9	92.7	26.9	105	30.2	107	30.4	108	30.5	111	30.9	114	31.2
		33	77.7	22.2	92.7	28.7	104	31.4	105	31.5	107	31.7	109	32.0	112	32.4
		35	77.7	23.6	92.7	30.6	102	32.5	103	32.7	105	32.9	108	33.2	111	33.6
		37	77.7	25.2	92.7	32.6	100	33.7	102	33.9	103	34.0	106	34.4	109	34.8
		39	77.7	26.8	92.7	34.5	98.8	34.8	100	35.0	102	35.2	104	35.6	107	36.0
110	935	10	71.3	12.3	85.0	15.0	98.7	17.8	106	19.3	112	20.7	126	22.0	129	21.2
		12	71.3	12.5	85.0	15.3	98.7	18.2	106	19.6	112	21.1	124	21.9	127	21.1
		14	71.3	12.8	85.0	15.6	98.7	18.5	106	20.0	112	21.5	123	21.8	125	21.1
		16	71.3	13.0	85.0	15.9	98.7	18.9	106	20.4	112	21.9	121	22.1	124	22.2
		18	71.3	13.3	85.0	16.2	98.7	19.2	106	21.0	112	23.0	119	23.2	122	23.4
		20	71.3	13.5	85.0	16.5	98.7	20.4	106	22.5	112	24.1	118	24.3	120	24.5
		21	71.3	13.7	85.0	17.0	98.7	21.1	106	23.3	112	24.7	117	24.9	120	25.1
		23	71.3	14.3	85.0	18.2	98.7	22.6	106	25.0	112	25.8	115	26.0	118	26.2
		25	71.3	15.3	85.0	19.5	98.7	24.2	106	26.8	111	26.9	114	27.2	116	27.4
		27	71.3	16.3	85.0	20.8	98.7	25.9	106	27.9	110	28.1	112	28.3	115	28.6
		29	71.3	17.3	85.0	22.2	98.7	27.7	106	29.1	108	29.2	110	29.5	113	29.7
		31	71.3	18.5	85.0	23.7	98.7	29.6	105	30.2	106	30.3	109	30.6	111	30.9
		33	71.3	19.7	85.0	25.3	98.7	31.2	103	31.3	105	31.5	107	31.8	110	32.1
		35	71.3	20.9	85.0	26.9	98.7	32.3	102	32.5	103	32.6	106	32.9	108	33.3
		37	71.3	22.2	85.0	28.7	98.7	33.5	100	33.6	101	33.8	104	34.1	106	34.5
		39	71.3	23.6	85.0	30.5	97.1	34.6	98.4	34.8	99.7	35.0	102	35.3	105	35.7
100	850	10	64.8	11.1	77.3	13.5	89.8	16.0	96.0	17.3	102	18.6	115	21.2	126	21.9
		12	64.8	11.3	77.3	13.7	89.8	16.3	96.0	17.6	102	18.9	115	21.6	125	21.8
		14	64.8	11.5	77.3	14.0	89.8	16.6	96.0	17.9	102	19.3	115	22.0	123	21.7
		16	64.8	11.7	77.3	14.2	89.8	16.9	96.0	18.3	102	19.6	115	22.3	121	22.1
		18	64.8	11.9	77.3	14.5	89.8	17.2	96.0	18.6	102	20.0	115	23.0	120	23.2
		20	64.8	12.2	77.3	14.8	89.8	17.8	96.0	19.6	102	21.5	115	24.2	118	24.3
		21	64.8	12.3	77.3	15.0	89.8	18.4	96.0	20.3	102	22.2	115	24.7	117	24.9
		23	64.8	12.6	77.3	15.9	89.8	19.7	96.0	21.7	102	23.8	113	25.8	116	26.0
		25	64.8	13.5	77.3	17.0	89.8	21.1	96.0	23.2	102	25.5	112	27.0	114	27.2
		27	64.8	14.3	77.3	18.2	89.8	22.5	96.0	24.9	102	27.3	110	28.1	112	28.3
		29	64.8	15.3	77.3	19.4	89.8	24.0	96.0	26.6	102	29.0	108	29.2	111	29.5
		31	64.8	16.2	77.3	20.7	89.8	25.7	96.0	28.4	102	30.1	107	30.4	109	30.6
		33	64.8	17.3	77.3	22.0	89.8	27.4	96.0	30.3	102	31.3	105	31.5	107	31.8
		35	64.8	18.4	77.3	23.4	89.8	29.2	96.0	32.3	101	32.4	103	32.7	106	33.0
		37	64.8	19.5	77.3	24.9	89.8	31.1	96.0	33.4	99.4	33.5	102	33.8	104	34.1
		39	64.8	20.7	77.3	26.5	89.8	33.1	96.0	34.5	97.8	34.7	100	35.0	102	35.3

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	765	10	58.3	9.95	69.5	12.0	80.8	14.2	86.4	15.3	92.0	16.4	103	18.8	114	21.2
		12	58.3	10.1	69.5	12.2	80.8	14.4	86.4	15.6	92.0	16.7	103	19.1	114	21.6
		14	58.3	10.3	69.5	12.4	80.8	14.7	86.4	15.9	92.0	17.1	103	19.5	114	22.0
		16	58.3	10.5	69.5	12.7	80.8	15.0	86.4	16.2	92.0	17.4	103	19.9	114	22.3
		18	58.3	10.7	69.5	12.9	80.8	15.3	86.4	16.5	92.0	17.7	103	20.3	114	23.0
		20	58.3	10.9	69.5	13.2	80.8	15.6	86.4	16.8	92.0	18.4	103	21.8	114	24.1
		21	58.3	11.0	69.5	13.3	80.8	15.8	86.4	17.4	92.0	19.1	103	22.6	114	24.7
		23	58.3	11.2	69.5	13.8	80.8	17.0	86.4	18.6	92.0	20.4	103	24.2	113	25.8
		25	58.3	11.8	69.5	14.8	80.8	18.1	86.4	19.9	92.0	21.8	103	25.9	112	27.0
		27	58.3	12.5	69.5	15.8	80.8	19.4	86.4	21.3	92.0	23.4	103	27.7	110	28.1
		29	58.3	13.3	69.5	16.8	80.8	20.7	86.4	22.7	92.0	24.9	103	29.0	108	29.2
		31	58.3	14.2	69.5	17.9	80.8	22.0	86.4	24.3	92.0	26.6	103	30.2	107	30.4
		33	58.3	15.0	69.5	19.0	80.8	23.5	86.4	25.9	92.0	28.4	103	31.3	105	31.5
		35	58.3	16.0	69.5	20.2	80.8	25.0	86.4	27.6	92.0	30.3	101	32.4	103	32.7
		37	58.3	17.0	69.5	21.5	80.8	26.6	86.4	29.4	92.0	32.3	99.6	33.6	102	33.8
		39	58.3	18.0	69.5	22.8	80.8	28.3	86.4	31.3	92.0	34.4	98.0	34.7	100	35.0
80	680	10	51.8	8.83	61.8	10.6	71.8	12.4	76.8	13.4	81.8	14.4	91.8	16.4	102	18.5
		12	51.8	8.98	61.8	10.8	71.8	12.7	76.8	13.6	81.8	14.6	91.8	16.7	102	18.8
		14	51.8	9.12	61.8	10.9	71.8	12.9	76.8	13.9	81.8	14.9	91.8	17.0	102	19.2
		16	51.8	9.28	61.8	11.1	71.8	13.1	76.8	14.1	81.8	15.2	91.8	17.3	102	19.5
		18	51.8	9.44	61.8	11.3	71.8	13.4	76.8	14.4	81.8	15.5	91.8	17.7	102	19.9
		20	51.8	9.61	61.8	11.6	71.8	13.6	76.8	14.7	81.8	15.8	91.8	18.3	102	21.3
		21	51.8	9.69	61.8	11.7	71.8	13.8	76.8	14.9	81.8	16.1	91.8	19.0	102	22.1
		23	51.8	9.87	61.8	11.9	71.8	14.4	76.8	15.8	81.8	17.3	91.8	20.3	102	23.7
		25	51.8	10.2	61.8	12.7	71.8	15.4	76.8	16.9	81.8	18.4	91.8	21.8	102	25.4
		27	51.8	10.8	61.8	13.5	71.8	16.4	76.8	18.0	81.8	19.7	91.8	23.3	102	27.1
		29	51.8	11.5	61.8	14.4	71.8	17.5	76.8	19.2	81.8	21.0	91.8	24.8	102	29.0
		31	51.8	12.2	61.8	15.3	71.8	18.7	76.8	20.5	81.8	22.4	91.8	26.5	102	30.1
		33	51.8	13.0	61.8	16.2	71.8	19.9	76.8	21.8	81.8	23.9	91.8	28.3	102	31.3
		35	51.8	13.8	61.8	17.2	71.8	21.1	76.8	23.2	81.8	25.4	91.8	30.1	101	32.4
		37	51.8	14.6	61.8	18.3	71.8	22.5	76.8	24.7	81.8	27.1	91.8	32.1	99.3	33.5
		39	51.8	15.5	61.8	19.4	71.8	23.9	76.8	26.3	81.8	28.8	91.8	34.2	97.7	34.7
70	595	10	45.4	7.77	54.1	9.22	62.8	10.8	67.2	11.6	71.6	12.4	80.3	14.1	89.0	15.8
		12	45.4	7.88	54.1	9.37	62.8	10.9	67.2	11.8	71.6	12.6	80.3	14.3	89.0	16.1
		14	45.4	8.01	54.1	9.53	62.8	11.1	67.2	12.0	71.6	12.8	80.3	14.6	89.0	16.4
		16	45.4	8.14	54.1	9.69	62.8	11.3	67.2	12.2	71.6	13.1	80.3	14.9	89.0	16.7
		18	45.4	8.27	54.1	9.86	62.8	11.5	67.2	12.4	71.6	13.3	80.3	15.2	89.0	17.1
		20	45.4	8.41	54.1	10.0	62.8	11.8	67.2	12.7	71.6	13.6	80.3	15.5	89.0	17.6
		21	45.4	8.48	54.1	10.1	62.8	11.9	67.2	12.8	71.6	13.7	80.3	15.7	89.0	18.2
		23	45.4	8.63	54.1	10.3	62.8	12.1	67.2	13.2	71.6	14.4	80.3	16.8	89.0	19.5
		25	45.4	8.78	54.1	10.7	62.8	12.9	67.2	14.1	71.6	15.3	80.3	18.0	89.0	20.8
		27	45.4	9.28	54.1	11.4	62.8	13.8	67.2	15.0	71.6	16.4	80.3	19.2	89.0	22.3
		29	45.4	9.85	54.1	12.1	62.8	14.7	67.2	16.0	71.6	17.5	80.3	20.5	89.0	23.8
		31	45.4	10.4	54.1	12.9	62.8	15.6	67.2	17.1	71.6	18.6	80.3	21.8	89.0	25.4
		33	45.4	11.1	54.1	13.7	62.8	16.6	67.2	18.1	71.6	19.8	80.3	23.3	89.0	27.0
		35	45.4	11.7	54.1	14.5	62.8	17.6	67.2	19.3	71.6	21.0	80.3	24.8	89.0	28.8
		37	45.4	12.4	54.1	15.4	62.8	18.7	67.2	20.5	71.6	22.4	80.3	26.4	89.0	30.7
		39	45.4	13.1	54.1	16.3	62.8	19.9	67.2	21.8	71.6	23.8	80.3	28.1	89.0	32.7
60	510	10	38.9	6.76	46.4	7.93	53.9	9.18	57.6	9.83	61.3	10.5	68.8	11.9	76.3	13.3
		12	38.9	6.85	46.4	8.05	53.9	9.33	57.6	9.99	61.3	10.7	68.8	12.1	76.3	13.5
		14	38.9	6.95	46.4	8.18	53.9	9.48	57.6	10.2	61.3	10.9	68.8	12.3	76.3	13.8
		16	38.9	7.06	46.4	8.31	53.9	9.65	57.6	10.3	61.3	11.1	68.8	12.5	76.3	14.0
		18	38.9	7.16	46.4	8.45	53.9	9.82	57.6	10.5	61.3	11.3	68.8	12.8	76.3	14.3
		20	38.9	7.28	46.4	8.59	53.9	9.99	57.6	10.7	61.3	11.5	68.8	13.0	76.3	14.6
		21	38.9	7.33	46.4	8.67	53.9	10.1	57.6	10.8	61.3	11.6	68.8	13.1	76.3	14.7
		23	38.9	7.45	46.4	8.82	53.9	10.3	57.6	11.0	61.3	11.8	68.8	13.6	76.3	15.7
		25	38.9	7.58	46.4	8.98	53.9	10.7	57.6	11.6	61.3	12.5	68.8	14.6	76.3	16.8
		27	38.9	7.85	46.4	9.52	53.9	11.4	57.6	12.3	61.3	13.4	68.8	15.5	76.3	17.9
		29	38.9	8.32	46.4	10.1	53.9	12.1	57.6	13.1	61.3	14.2	68.8	16.6	76.3	19.1
		31	38.9	8.81	46.4	10.7	53.9	12.8	57.6	13.9	61.3	15.1	68.8	17.6	76.3	20.3
		33	38.9	9.32	46.4	11.4	53.9	13.6	57.6	14.8	61.3	16.1	68.8	18.8	76.3	21.6
		35	38.9	9.86	46.4	12.0	53.9	14.4	57.6	15.7	61.3	17.1	68.8	19.9	76.3	23.0
		37	38.9	10.4	46.4	12.7	53.9	15.3	57.6	16.7	61.3	18.1	68.8	21.2	76.3	24.5
		39	38.9	11.0	46.4	13.5	53.9	16.2	57.6	17.7	61.3	19.2	68.8	22.5	76.3	26.1

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	425	10	32.4	5.81	38.6	6.72	44.9	7.69	48.0	8.20	51.1	8.71	57.4	9.78	63.6	10.9
		12	32.4	5.88	38.6	6.82	44.9	7.81	48.0	8.32	51.1	8.85	57.4	9.95	63.6	11.1
		14	32.4	5.96	38.6	6.91	44.9	7.93	48.0	8.46	51.1	9.00	57.4	10.1	63.6	11.3
		16	32.4	6.04	38.6	7.02	44.9	8.06	48.0	8.60	51.1	9.15	57.4	10.3	63.6	11.5
		18	32.4	6.12	38.6	7.12	44.9	8.19	48.0	8.74	51.1	9.31	57.4	10.5	63.6	11.7
		20	32.4	6.21	38.6	7.24	44.9	8.32	48.0	8.89	51.1	9.47	57.4	10.7	63.6	11.9
		21	32.4	6.26	38.6	7.29	44.9	8.39	48.0	8.97	51.1	9.56	57.4	10.8	63.6	12.0
		23	32.4	6.35	38.6	7.41	44.9	8.54	48.0	9.13	51.1	9.73	57.4	11.0	63.6	12.3
		25	32.4	6.45	38.6	7.54	44.9	8.69	48.0	9.32	51.1	10.0	57.4	11.5	63.6	13.1
		27	32.4	6.55	38.6	7.80	44.9	9.18	48.0	9.90	51.1	10.7	57.4	12.3	63.6	14.0
		29	32.4	6.93	38.6	8.27	44.9	9.74	48.0	10.5	51.1	11.3	57.4	13.1	63.6	14.9
		31	32.4	7.32	38.6	8.75	44.9	10.3	48.0	11.2	51.1	12.0	57.4	13.9	63.6	15.9
		33	32.4	7.73	38.6	9.26	44.9	10.9	48.0	11.8	51.1	12.8	57.4	14.7	63.6	16.9
		35	32.4	8.16	38.6	9.79	44.9	11.6	48.0	12.5	51.1	13.5	57.4	15.6	63.6	17.9
		37	32.4	8.61	38.6	10.3	44.9	12.3	48.0	13.3	51.1	14.3	57.4	16.6	63.6	19.0
		39	32.4	9.07	38.6	10.9	44.9	13.0	48.0	14.1	51.1	15.2	57.4	17.6	63.6	20.2

PA-36MX3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130	1,170	10	88.2	15.5	105	18.9	122	22.5	131	23.0	133	22.5	136	21.6	140	20.6
		12	88.2	15.8	105	19.3	122	23.0	130	22.9	132	22.4	135	21.5	138	21.1
		14	88.2	16.1	105	19.7	122	23.3	128	22.8	130	22.3	133	22.1	136	22.3
		16	88.2	16.4	105	20.1	122	23.1	127	23.0	128	23.1	131	23.3	134	23.5
		18	88.2	16.7	105	20.5	122	24.0	125	24.1	126	24.3	130	24.5	133	24.7
		20	88.2	17.0	105	21.8	122	25.2	123	25.3	125	25.4	128	25.7	131	26.0
		21	88.2	17.5	105	22.6	121	25.8	122	25.9	124	26.0	127	26.3	130	26.6
		23	88.2	18.7	105	24.2	119	27.0	121	27.1	122	27.2	125	27.5	127	27.7
		25	88.2	20.0	105	25.9	117	28.1	119	28.3	120	28.4	124	28.7	124	28.8
		27	88.2	21.4	105	27.7	116	29.3	117	29.5	119	29.6	121	29.8	121	29.9
		29	88.2	22.8	105	29.6	114	30.5	115	30.7	117	30.8	118	30.9	118	30.9
		31	88.2	24.4	105	31.4	112	31.7	114	31.9	114	31.9	114	32.0	115	32.0
		33	88.2	26.0	105	32.5	110	32.9	111	33.0	111	33.0	111	33.0	112	33.1
		35	88.2	27.7	105	33.7	108	34.0	108	34.0	108	34.0	108	34.1	108	34.1
		37	88.2	29.5	104	34.9	104	35.0	105	35.0	105	35.0	105	35.1	105	35.1
		39	88.2	31.4	99.0	36.0	101	36.0	101	36.0	102	36.0	102	36.1	102	36.1
120	1,080	10	81.4	14.1	97.1	17.3	113	20.5	121	22.2	128	23.1	134	22.3	137	21.4
		12	81.4	14.4	97.1	17.6	113	20.9	121	22.6	128	23.0	132	22.1	135	21.2
		14	81.4	14.7	97.1	17.9	113	21.3	121	23.1	128	22.9	131	22.0	134	22.2
		16	81.4	14.9	97.1	18.3	113	21.7	121	23.2	126	22.9	129	23.1	132	23.4
		18	81.4	15.2	97.1	18.6	113	22.5	121	24.0	124	24.1	127	24.3	130	24.6
		20	81.4	15.5	97.1	19.4	113	24.2	121	25.2	123	25.3	126	25.5	129	25.8
		21	81.4	15.7	97.1	20.1	113	25.1	120	25.8	122	25.9	125	26.1	128	26.4
		23	81.4	16.8	97.1	21.5	113	26.8	119	26.9	120	27.1	123	27.3	126	27.6
		25	81.4	17.9	97.1	23.0	113	28.0	117	28.1	118	28.2	121	28.5	124	28.8
		27	81.4	19.1	97.1	24.6	113	29.2	115	29.3	117	29.4	120	29.7	121	29.9
		29	81.4	20.4	97.1	26.3	112	30.3	113	30.5	115	30.6	118	30.9	118	30.9
		31	81.4	21.7	97.1	28.1	110	31.5	112	31.7	113	31.8	114	32.0	115	32.0
		33	81.4	23.1	97.1	29.9	109	32.7	110	32.9	111	33.0	111	33.0	112	33.1
		35	81.4	24.6	97.1	31.9	107	33.9	108	34.0	108	34.0	108	34.1	108	34.1
		37	81.4	26.2	97.1	34.0	104	35.0	105	35.0	105	35.0	105	35.1	105	35.1
		39	81.4	27.9	97.1	35.9	101	36.0	101	36.0	102	36.0	102	36.1	102	36.1
110	990	10	74.6	12.8	89.0	15.6	103	18.6	111	20.1	118	21.6	132	22.9	135	22.1
		12	74.6	13.1	89.0	15.9	103	18.9	111	20.5	118	22.0	130	22.8	133	22.0
		14	74.6	13.3	89.0	16.2	103	19.3	111	20.9	118	22.4	129	22.7	131	22.0
		16	74.6	13.6	89.0	16.5	103	19.7	111	21.3	118	22.9	127	23.0	129	23.2
		18	74.6	13.8	89.0	16.9	103	20.1	111	21.8	118	24.0	125	24.2	128	24.4
		20	74.6	14.1	89.0	17.2	103	21.2	111	23.5	118	25.1	123	25.3	126	25.6
		21	74.6	14.2	89.0	17.7	103	22.0	111	24.3	118	25.7	123	25.9	125	26.2
		23	74.6	14.9	89.0	19.0	103	23.6	111	26.1	118	26.9	121	27.1	123	27.4
		25	74.6	15.9	89.0	20.3	103	25.3	111	27.9	116	28.1	119	28.3	122	28.6
		27	74.6	17.0	89.0	21.7	103	27.0	111	29.1	115	29.2	117	29.5	120	29.8
		29	74.6	18.1	89.0	23.2	103	28.9	111	30.3	113	30.4	116	30.7	118	30.9
		31	74.6	19.3	89.0	24.7	103	30.8	110	31.5	111	31.6	114	31.9	115	32.0
		33	74.6	20.5	89.0	26.3	103	32.5	108	32.7	110	32.8	111	33.0	112	33.1
		35	74.6	21.8	89.0	28.0	103	33.7	106	33.8	108	34.0	108	34.1	108	34.1
		37	74.6	23.2	89.0	29.9	103	34.9	105	35.0	105	35.0	105	35.1	105	35.1
		39	74.6	24.6	89.0	31.8	101	36.0	101	36.0	102	36.0	102	36.1	102	36.1
100	900	10	67.8	11.6	80.9	14.0	94.0	16.6	101	18.0	107	19.3	120	22.1	132	22.9
		12	67.8	11.8	80.9	14.3	94.0	17.0	101	18.3	107	19.7	120	22.5	130	22.8
		14	67.8	12.0	80.9	14.6	94.0	17.3	101	18.7	107	20.1	120	23.0	129	22.6
		16	67.8	12.2	80.9	14.8	94.0	17.6	101	19.0	107	20.5	120	23.3	127	23.0
		18	67.8	12.4	80.9	15.1	94.0	18.0	101	19.4	107	20.9	120	24.0	125	24.2
		20	67.8	12.7	80.9	15.4	94.0	18.5	101	20.4	107	22.4	120	25.2	124	25.4
		21	67.8	12.8	80.9	15.6	94.0	19.2	101	21.1	107	23.2	120	25.8	123	26.0
		23	67.8	13.1	80.9	16.6	94.0	20.5	101	22.6	107	24.8	119	26.9	121	27.1
		25	67.8	14.0	80.9	17.8	94.0	22.0	101	24.2	107	26.6	117	28.1	119	28.3
		27	67.8	14.9	80.9	19.0	94.0	23.5	101	25.9	107	28.5	115	29.3	118	29.5
		29	67.8	15.9	80.9	20.2	94.0	25.1	101	27.7	107	30.2	113	30.5	116	30.7
		31	67.8	16.9	80.9	21.5	94.0	26.7	101	29.5	107	31.4	112	31.7	114	31.9
		33	67.8	18.0	80.9	22.9	94.0	28.5	101	31.5	107	32.6	110	32.9	112	33.1
		35	67.8	19.1	80.9	24.4	94.0	30.4	101	33.6	106	33.8	108	34.1	108	34.1
		37	67.8	20.3	80.9	26.0	94.0	32.4	101	34.8	104	35.0	105	35.1	105	35.1
		39	67.8	21.6	80.9	27.7	94.0	34.5	101	36.0	102	36.0	102	36.1	102	36.1

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	810	10	61.0	10.4	72.8	12.5	84.6	14.8	90.5	15.9	96.3	17.1	108	19.6	120	22.1
		12	61.0	10.5	72.8	12.7	84.6	15.0	90.5	16.2	96.3	17.4	108	19.9	120	22.5
		14	61.0	10.7	72.8	13.0	84.6	15.3	90.5	16.5	96.3	17.8	108	20.3	120	22.9
		16	61.0	10.9	72.8	13.2	84.6	15.6	90.5	16.9	96.3	18.1	108	20.7	120	23.3
		18	61.0	11.1	72.8	13.4	84.6	15.9	90.5	17.2	96.3	18.5	108	21.1	120	24.0
		20	61.0	11.3	72.8	13.7	84.6	16.2	90.5	17.5	96.3	19.2	108	22.7	120	25.2
		21	61.0	11.4	72.8	13.8	84.6	16.5	90.5	18.1	96.3	19.9	108	23.5	120	25.8
		23	61.0	11.6	72.8	14.4	84.6	17.7	90.5	19.4	96.3	21.3	108	25.2	119	26.9
		25	61.0	12.3	72.8	15.4	84.6	18.9	90.5	20.8	96.3	22.8	108	27.0	117	28.1
		27	61.0	13.1	72.8	16.4	84.6	20.2	90.5	22.2	96.3	24.3	108	28.9	115	29.3
		29	61.0	13.9	72.8	17.5	84.6	21.5	90.5	23.7	96.3	26.0	108	30.2	113	30.5
		31	61.0	14.8	72.8	18.6	84.6	22.9	90.5	25.3	96.3	27.7	108	31.4	112	31.7
		33	61.0	15.7	72.8	19.8	84.6	24.5	90.5	27.0	96.3	29.6	108	32.6	110	32.9
		35	61.0	16.7	72.8	21.1	84.6	26.0	90.5	28.7	96.3	31.5	106	33.8	108	34.1
		37	61.0	17.7	72.8	22.4	84.6	27.7	90.5	30.6	96.3	33.6	104	35.0	105	35.1
		39	61.0	18.7	72.8	23.8	84.6	29.5	90.5	32.6	96.3	35.8	102	36.1	102	36.1
80	720	10	54.3	9.20	64.7	11.0	75.2	13.0	80.4	14.0	85.6	15.0	96.1	17.1	107	19.2
		12	54.3	9.35	64.7	11.2	75.2	13.2	80.4	14.2	85.6	15.3	96.1	17.4	107	19.6
		14	54.3	9.51	64.7	11.4	75.2	13.4	80.4	14.5	85.6	15.5	96.1	17.7	107	20.0
		16	54.3	9.67	64.7	11.6	75.2	13.7	80.4	14.7	85.6	15.8	96.1	18.1	107	20.4
		18	54.3	9.84	64.7	11.8	75.2	13.9	80.4	15.0	85.6	16.1	96.1	18.4	107	20.8
		20	54.3	10.0	64.7	12.0	75.2	14.2	80.4	15.3	85.6	16.5	96.1	19.1	107	22.2
		21	54.3	10.1	64.7	12.2	75.2	14.3	80.4	15.5	85.6	16.8	96.1	19.8	107	23.0
		23	54.3	10.3	64.7	12.4	75.2	15.0	80.4	16.5	85.6	18.0	96.1	21.2	107	24.7
		25	54.3	10.6	64.7	13.2	75.2	16.1	80.4	17.6	85.6	19.2	96.1	22.7	107	26.4
		27	54.3	11.3	64.7	14.1	75.2	17.1	80.4	18.8	85.6	20.5	96.1	24.2	107	28.3
		29	54.3	12.0	64.7	15.0	75.2	18.3	80.4	20.0	85.6	21.9	96.1	25.9	107	30.2
		31	54.3	12.7	64.7	15.9	75.2	19.5	80.4	21.4	85.6	23.4	96.1	27.6	107	31.4
		33	54.3	13.5	64.7	16.9	75.2	20.7	80.4	22.8	85.6	24.9	96.1	29.5	107	32.6
		35	54.3	14.3	64.7	18.0	75.2	22.0	80.4	24.2	85.6	26.5	96.1	31.4	106	33.8
		37	54.3	15.2	64.7	19.1	75.2	23.4	80.4	25.8	85.6	28.2	96.1	33.5	104	34.9
		39	54.3	16.1	64.7	20.3	75.2	24.9	80.4	27.4	85.6	30.0	96.1	35.7	102	36.1
70	630	10	47.5	8.09	56.6	9.61	65.8	11.2	70.4	12.0	74.9	12.9	84.1	14.7	93.2	16.5
		12	47.5	8.22	56.6	9.76	65.8	11.4	70.4	12.3	74.9	13.1	84.1	14.9	93.2	16.8
		14	47.5	8.35	56.6	9.93	65.8	11.6	70.4	12.5	74.9	13.4	84.1	15.2	93.2	17.1
		16	47.5	8.48	56.6	10.1	65.8	11.8	70.4	12.7	74.9	13.6	84.1	15.5	93.2	17.5
		18	47.5	8.62	56.6	10.3	65.8	12.0	70.4	12.9	74.9	13.9	84.1	15.8	93.2	17.8
		20	47.5	8.76	56.6	10.5	65.8	12.3	70.4	13.2	74.9	14.2	84.1	16.1	93.2	18.3
		21	47.5	8.84	56.6	10.6	65.8	12.4	70.4	13.3	74.9	14.3	84.1	16.4	93.2	18.9
		23	47.5	8.99	56.6	10.8	65.8	12.6	70.4	13.8	74.9	15.0	84.1	17.5	93.2	20.3
		25	47.5	9.15	56.6	11.2	65.8	13.5	70.4	14.7	74.9	16.0	84.1	18.7	93.2	21.7
		27	47.5	9.68	56.6	11.9	65.8	14.4	70.4	15.7	74.9	17.1	84.1	20.0	93.2	23.2
		29	47.5	10.3	56.6	12.6	65.8	15.3	70.4	16.7	74.9	18.2	84.1	21.3	93.2	24.8
		31	47.5	10.9	56.6	13.4	65.8	16.3	70.4	17.8	74.9	19.4	84.1	22.8	93.2	26.4
		33	47.5	11.5	56.6	14.3	65.8	17.3	70.4	18.9	74.9	20.6	84.1	24.2	93.2	28.2
		35	47.5	12.2	56.6	15.1	65.8	18.4	70.4	20.1	74.9	21.9	84.1	25.8	93.2	30.0
		37	47.5	12.9	56.6	16.0	65.8	19.5	70.4	21.4	74.9	23.3	84.1	27.5	93.2	32.0
		39	47.5	13.7	56.6	17.0	65.8	20.7	70.4	22.7	74.9	24.8	84.1	29.2	93.2	34.1
60	540	10	40.7	7.04	48.5	8.26	56.4	9.56	60.3	10.2	64.2	10.9	72.1	12.4	79.9	13.9
		12	40.7	7.14	48.5	8.39	56.4	9.72	60.3	10.4	64.2	11.1	72.1	12.6	79.9	14.1
		14	40.7	7.25	48.5	8.52	56.4	9.88	60.3	10.6	64.2	11.3	72.1	12.8	79.9	14.4
		16	40.7	7.35	48.5	8.66	56.4	10.1	60.3	10.8	64.2	11.5	72.1	13.1	79.9	14.6
		18	40.7	7.47	48.5	8.80	56.4	10.2	60.3	11.0	64.2	11.7	72.1	13.3	79.9	14.9
		20	40.7	7.58	48.5	8.95	56.4	10.4	60.3	11.2	64.2	11.9	72.1	13.6	79.9	15.2
		21	40.7	7.64	48.5	9.03	56.4	10.5	60.3	11.3	64.2	12.1	72.1	13.7	79.9	15.4
		23	40.7	7.77	48.5	9.19	56.4	10.7	60.3	11.5	64.2	12.3	72.1	14.2	79.9	16.3
		25	40.7	7.90	48.5	9.36	56.4	11.1	60.3	12.1	64.2	13.1	72.1	15.2	79.9	17.5
		27	40.7	8.19	48.5	9.92	56.4	11.8	60.3	12.9	64.2	13.9	72.1	16.2	79.9	18.6
		29	40.7	8.67	48.5	10.5	56.4	12.6	60.3	13.7	64.2	14.8	72.1	17.3	79.9	19.9
		31	40.7	9.18	48.5	11.2	56.4	13.4	60.3	14.5	64.2	15.8	72.1	18.4	79.9	21.2
		33	40.7	9.72	48.5	11.8	56.4	14.2	60.3	15.4	64.2	16.8	72.1	19.5	79.9	22.6
		35	40.7	10.3	48.5	12.5	56.4	15.0	60.3	16.4	64.2	17.8	72.1	20.8	79.9	24.0
		37	40.7	10.9	48.5	13.3	56.4	16.0	60.3	17.4	64.2	18.9	72.1	22.1	79.9	25.5
		39	40.7	11.5	48.5	14.1	56.4	16.9	60.3	18.5	64.2	20.1	72.1	23.5	79.9	27.2

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	450	10	33.9	6.05	40.4	7.00	47.0	8.01	50.3	8.54	53.5	9.08	60.1	10.2	66.6	11.4
		12	33.9	6.13	40.4	7.10	47.0	8.14	50.3	8.67	53.5	9.23	60.1	10.4	66.6	11.6
		14	33.9	6.21	40.4	7.21	47.0	8.26	50.3	8.81	53.5	9.38	60.1	10.5	66.6	11.8
		16	33.9	6.30	40.4	7.31	47.0	8.40	50.3	8.96	53.5	9.54	60.1	10.7	66.6	12.0
		18	33.9	6.38	40.4	7.42	47.0	8.53	50.3	9.11	53.5	9.70	60.1	10.9	66.6	12.2
		20	33.9	6.47	40.4	7.54	47.0	8.68	50.3	9.27	53.5	9.87	60.1	11.1	66.6	12.4
		21	33.9	6.52	40.4	7.60	47.0	8.75	50.3	9.35	53.5	9.96	60.1	11.2	66.6	12.5
		23	33.9	6.62	40.4	7.72	47.0	8.90	50.3	9.51	53.5	10.1	60.1	11.4	66.6	12.8
		25	33.9	6.72	40.4	7.85	47.0	9.06	50.3	9.71	53.5	10.5	60.1	12.0	66.6	13.7
		27	33.9	6.83	40.4	8.13	47.0	9.56	50.3	10.3	53.5	11.1	60.1	12.8	66.6	14.6
		29	33.9	7.22	40.4	8.62	47.0	10.1	50.3	11.0	53.5	11.8	60.1	13.6	66.6	15.5
		31	33.9	7.63	40.4	9.12	47.0	10.8	50.3	11.6	53.5	12.5	60.1	14.5	66.6	16.5
		33	33.9	8.06	40.4	9.65	47.0	11.4	50.3	12.3	53.5	13.3	60.1	15.4	66.6	17.6
		35	33.9	8.50	40.4	10.2	47.0	12.1	50.3	13.1	53.5	14.1	60.1	16.3	66.6	18.7
		37	33.9	8.97	40.4	10.8	47.0	12.8	50.3	13.8	53.5	14.9	60.1	17.3	66.6	19.8
		39	33.9	9.46	40.4	11.4	47.0	13.5	50.3	14.7	53.5	15.8	60.1	18.4	66.6	21.1

PA-38MX3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130	1,235	10	93.0	16.2	111	19.8	129	23.6	138	24.1	141	23.6	144	22.6	147	21.6
		12	93.0	16.5	111	20.2	129	24.0	137	24.0	139	23.5	142	22.4	145	22.1
		14	93.0	16.8	111	20.6	129	24.3	135	23.8	137	23.3	140	23.1	144	23.3
		16	93.0	17.1	111	21.0	129	24.2	133	24.0	135	24.1	138	24.4	142	24.6
		18	93.0	17.5	111	21.4	129	25.1	132	25.3	133	25.4	137	25.6	140	25.9
		20	93.0	17.8	111	22.8	128	26.4	130	26.5	132	26.6	135	26.9	138	27.1
		21	93.0	18.3	111	23.6	127	27.0	129	27.1	131	27.2	134	27.5	137	27.8
		23	93.0	19.6	111	25.3	125	28.2	127	28.3	129	28.5	132	28.8	134	29.0
		25	93.0	21.0	111	27.1	124	29.4	125	29.6	127	29.7	130	30.0	131	30.1
		27	93.0	22.4	111	29.0	122	30.7	124	30.8	125	31.0	127	31.2	128	31.3
		29	93.0	23.9	111	31.0	120	31.9	122	32.1	123	32.3	124	32.3	124	32.4
		31	93.0	25.5	111	32.8	118	33.2	120	33.4	120	33.4	121	33.4	121	33.5
		33	93.0	27.2	111	34.0	116	34.4	117	34.5	117	34.5	117	34.5	118	34.6
		35	93.0	28.9	111	35.3	113	35.5	114	35.6	114	35.6	114	35.6	114	35.7
		37	93.0	30.8	109	36.5	110	36.6	110	36.6	110	36.7	111	36.7	111	36.7
		39	93.0	32.8	104	37.6	106	37.7	107	37.7	107	37.7	107	37.7	108	37.8
120	1,140	10	85.8	14.8	102	18.1	119	21.5	127	23.2	135	24.2	142	23.3	145	22.4
		12	85.8	15.1	102	18.4	119	21.9	127	23.7	135	24.1	140	23.2	143	22.2
		14	85.8	15.3	102	18.8	119	22.3	127	24.1	135	24.0	138	23.0	141	23.2
		16	85.8	15.6	102	19.1	119	22.8	127	24.3	133	24.0	136	24.2	139	24.4
		18	85.8	15.9	102	19.5	119	23.5	127	25.1	131	25.2	134	25.5	137	25.7
		20	85.8	16.3	102	20.3	119	25.3	127	26.3	129	26.5	132	26.7	136	26.9
		21	85.8	16.4	102	21.0	119	26.2	127	26.9	128	27.1	132	27.3	135	27.6
		23	85.8	17.5	102	22.5	119	28.0	125	28.2	127	28.3	130	28.6	133	28.8
		25	85.8	18.7	102	24.1	119	29.3	123	29.4	125	29.6	128	29.8	131	30.1
		27	85.8	20.0	102	25.7	119	30.5	122	30.6	123	30.8	126	31.1	128	31.3
		29	85.8	21.3	102	27.5	118	31.7	120	31.9	121	32.0	124	32.3	124	32.4
		31	85.8	22.7	102	29.4	116	33.0	118	33.1	119	33.3	121	33.4	121	33.5
		33	85.8	24.2	102	31.3	115	34.2	116	34.4	117	34.5	117	34.5	118	34.6
		35	85.8	25.8	102	33.4	113	35.5	114	35.6	114	35.6	114	35.6	114	35.7
		37	85.8	27.4	102	35.6	110	36.6	110	36.6	110	36.7	111	36.7	111	36.7
		39	85.8	29.2	102	37.6	106	37.7	107	37.7	107	37.7	107	37.7	108	37.8
110	1,045	10	78.7	13.4	93.9	16.4	109	19.4	117	21.0	124	22.6	139	24.0	142	23.2
		12	78.7	13.7	93.9	16.7	109	19.8	117	21.4	124	23.0	137	23.9	140	23.0
		14	78.7	13.9	93.9	17.0	109	20.2	117	21.8	124	23.5	136	23.7	138	23.0
		16	78.7	14.2	93.9	17.3	109	20.6	117	22.2	124	23.9	134	24.1	137	24.2
		18	78.7	14.5	93.9	17.6	109	21.0	117	22.8	124	25.1	132	25.3	135	25.5
		20	78.7	14.7	93.9	18.0	109	22.2	117	24.6	124	26.3	130	26.5	133	26.7
		21	78.7	14.9	93.9	18.5	109	23.0	117	25.4	124	26.9	129	27.1	132	27.4
		23	78.7	15.6	93.9	19.9	109	24.7	117	27.3	124	28.1	127	28.4	130	28.6
		25	78.7	16.6	93.9	21.2	109	26.4	117	29.2	123	29.4	126	29.6	128	29.9
		27	78.7	17.7	93.9	22.7	109	28.3	117	30.5	121	30.6	124	30.9	127	31.1
		29	78.7	18.9	93.9	24.2	109	30.2	117	31.7	119	31.8	122	32.1	124	32.4
		31	78.7	20.1	93.9	25.8	109	32.2	116	32.9	117	33.1	120	33.4	121	33.5
		33	78.7	21.4	93.9	27.5	109	34.0	114	34.2	116	34.3	117	34.5	118	34.6
		35	78.7	22.8	93.9	29.3	109	35.2	112	35.4	114	35.6	114	35.6	114	35.7
		37	78.7	24.3	93.9	31.2	109	36.5	110	36.6	110	36.7	111	36.7	111	36.7
		39	78.7	25.8	93.9	33.3	106	37.7	107	37.7	107	37.7	107	37.7	108	37.8
100	950	10	71.5	12.1	85.3	14.7	99.1	17.4	106	18.8	113	20.2	127	23.1	139	23.9
		12	71.5	12.3	85.3	15.0	99.1	17.7	106	19.2	113	20.6	127	23.6	138	23.8
		14	71.5	12.6	85.3	15.2	99.1	18.1	106	19.5	113	21.0	127	24.0	136	23.7
		16	71.5	12.8	85.3	15.5	99.1	18.4	106	19.9	113	21.4	127	24.3	134	24.1
		18	71.5	13.0	85.3	15.8	99.1	18.8	106	20.3	113	21.8	127	25.1	132	25.3
		20	71.5	13.3	85.3	16.1	99.1	19.4	106	21.3	113	23.4	127	26.3	130	26.5
		21	71.5	13.4	85.3	16.3	99.1	20.0	106	22.1	113	24.2	127	26.9	129	27.1
		23	71.5	13.7	85.3	17.4	99.1	21.5	106	23.7	113	26.0	125	28.2	128	28.4
		25	71.5	14.7	85.3	18.6	99.1	23.0	106	25.3	113	27.8	123	29.4	126	29.6
		27	71.5	15.6	85.3	19.8	99.1	24.5	106	27.1	113	29.8	121	30.6	124	30.9
		29	71.5	16.6	85.3	21.2	99.1	26.2	106	29.0	113	31.6	120	31.9	122	32.1
		31	71.5	17.7	85.3	22.5	99.1	28.0	106	30.9	113	32.8	118	33.1	120	33.4
		33	71.5	18.8	85.3	24.0	99.1	29.8	106	33.0	113	34.1	116	34.4	118	34.6
		35	71.5	20.0	85.3	25.6	99.1	31.8	106	35.2	112	35.3	114	35.6	114	35.7
		37	71.5	21.3	85.3	27.2	99.1	33.9	106	36.4	110	36.6	111	36.7	111	36.7
		39	71.5	22.6	85.3	28.9	99.1	36.1	106	37.7	107	37.7	107	37.7	108	37.8

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	855	10	64.4	10.8	76.8	13.1	89.2	15.4	95.4	16.7	102	17.9	114	20.5	126	23.1
		12	64.4	11.0	76.8	13.3	89.2	15.7	95.4	17.0	102	18.3	114	20.9	126	23.5
		14	64.4	11.2	76.8	13.6	89.2	16.0	95.4	17.3	102	18.6	114	21.3	126	24.0
		16	64.4	11.4	76.8	13.8	89.2	16.3	95.4	17.6	102	19.0	114	21.7	126	24.3
		18	64.4	11.6	76.8	14.1	89.2	16.6	95.4	18.0	102	19.3	114	22.1	126	25.1
		20	64.4	11.8	76.8	14.3	89.2	17.0	95.4	18.3	102	20.1	114	23.7	126	26.3
		21	64.4	11.9	76.8	14.5	89.2	17.3	95.4	19.0	102	20.8	114	24.6	126	26.9
		23	64.4	12.2	76.8	15.1	89.2	18.5	95.4	20.3	102	22.3	114	26.4	125	28.2
		25	64.4	12.8	76.8	16.1	89.2	19.8	95.4	21.7	102	23.8	114	28.3	123	29.4
		27	64.4	13.7	76.8	17.2	89.2	21.1	95.4	23.2	102	25.5	114	30.2	121	30.6
		29	64.4	14.5	76.8	18.3	89.2	22.5	95.4	24.8	102	27.2	114	31.6	120	31.9
		31	64.4	15.4	76.8	19.5	89.2	24.0	95.4	26.5	102	29.0	114	32.9	118	33.1
		33	64.4	16.4	76.8	20.7	89.2	25.6	95.4	28.2	102	30.9	114	34.1	116	34.4
		35	64.4	17.4	76.8	22.0	89.2	27.2	95.4	30.0	102	33.0	112	35.4	114	35.6
		37	64.4	18.5	76.8	23.4	89.2	29.0	95.4	32.0	102	35.2	110	36.6	111	36.7
		39	64.4	19.6	76.8	24.9	89.2	30.9	95.4	34.1	102	37.5	107	37.7	108	37.8
80	760	10	57.2	9.63	68.3	11.5	79.3	13.5	84.8	14.6	90.3	15.7	101	17.9	112	20.1
		12	57.2	9.78	68.3	11.7	79.3	13.8	84.8	14.9	90.3	16.0	101	18.2	112	20.5
		14	57.2	9.95	68.3	11.9	79.3	14.0	84.8	15.1	90.3	16.3	101	18.5	112	20.9
		16	57.2	10.1	68.3	12.1	79.3	14.3	84.8	15.4	90.3	16.6	101	18.9	112	21.3
		18	57.2	10.3	68.3	12.4	79.3	14.6	84.8	15.7	90.3	16.9	101	19.3	112	21.7
		20	57.2	10.5	68.3	12.6	79.3	14.9	84.8	16.0	90.3	17.2	101	20.0	112	23.2
		21	57.2	10.6	68.3	12.7	79.3	15.0	84.8	16.2	90.3	17.6	101	20.7	112	24.1
		23	57.2	10.8	68.3	13.0	79.3	15.7	84.8	17.2	90.3	18.8	101	22.2	112	25.8
		25	57.2	11.1	68.3	13.8	79.3	16.8	84.8	18.4	90.3	20.1	101	23.7	112	27.6
		27	57.2	11.8	68.3	14.7	79.3	17.9	84.8	19.7	90.3	21.5	101	25.4	112	29.6
		29	57.2	12.6	68.3	15.7	79.3	19.1	84.8	21.0	90.3	22.9	101	27.1	112	31.6
		31	57.2	13.3	68.3	16.7	79.3	20.4	84.8	22.3	90.3	24.4	101	28.9	112	32.8
		33	57.2	14.2	68.3	17.7	79.3	21.7	84.8	23.8	90.3	26.0	101	30.8	112	34.1
		35	57.2	15.0	68.3	18.8	79.3	23.0	84.8	25.3	90.3	27.7	101	32.9	112	35.3
		37	57.2	15.9	68.3	20.0	79.3	24.5	84.8	27.0	90.3	29.5	101	35.0	110	36.6
		39	57.2	16.9	68.3	21.2	79.3	26.1	84.8	28.7	90.3	31.4	101	37.3	108	37.8
70	665	10	50.1	8.47	59.7	10.0	69.4	11.7	74.2	12.6	79.0	13.5	88.7	15.3	98.3	17.3
		12	50.1	8.60	59.7	10.2	69.4	11.9	74.2	12.8	79.0	13.7	88.7	15.6	98.3	17.6
		14	50.1	8.73	59.7	10.4	69.4	12.1	74.2	13.1	79.0	14.0	88.7	15.9	98.3	17.9
		16	50.1	8.87	59.7	10.6	69.4	12.4	74.2	13.3	79.0	14.3	88.7	16.2	98.3	18.3
		18	50.1	9.02	59.7	10.7	69.4	12.6	74.2	13.5	79.0	14.5	88.7	16.5	98.3	18.6
		20	50.1	9.17	59.7	10.9	69.4	12.8	74.2	13.8	79.0	14.8	88.7	16.9	98.3	19.1
		21	50.1	9.25	59.7	11.0	69.4	12.9	74.2	13.9	79.0	15.0	88.7	17.1	98.3	19.8
		23	50.1	9.41	59.7	11.2	69.4	13.2	74.2	14.4	79.0	15.7	88.7	18.3	98.3	21.2
		25	50.1	9.58	59.7	11.7	69.4	14.1	74.2	15.4	79.0	16.7	88.7	19.6	98.3	22.7
		27	50.1	10.1	59.7	12.4	69.4	15.0	74.2	16.4	79.0	17.8	88.7	20.9	98.3	24.3
		29	50.1	10.7	59.7	13.2	69.4	16.0	74.2	17.5	79.0	19.0	88.7	22.3	98.3	25.9
		31	50.1	11.4	59.7	14.1	69.4	17.0	74.2	18.6	79.0	20.3	88.7	23.8	98.3	27.6
		33	50.1	12.1	59.7	14.9	69.4	18.1	74.2	19.8	79.0	21.6	88.7	25.4	98.3	29.5
		35	50.1	12.8	59.7	15.8	69.4	19.2	74.2	21.0	79.0	22.9	88.7	27.0	98.3	31.4
		37	50.1	13.5	59.7	16.8	69.4	20.4	74.2	22.4	79.0	24.4	88.7	28.7	98.3	33.5
		39	50.1	14.3	59.7	17.8	69.4	21.7	74.2	23.7	79.0	25.9	88.7	30.6	98.3	35.7
60	570	10	42.9	7.37	51.2	8.64	59.5	10.0	63.6	10.7	67.7	11.4	76.0	12.9	84.3	14.5
		12	42.9	7.47	51.2	8.78	59.5	10.2	63.6	10.9	67.7	11.6	76.0	13.2	84.3	14.8
		14	42.9	7.58	51.2	8.92	59.5	10.3	63.6	11.1	67.7	11.8	76.0	13.4	84.3	15.0
		16	42.9	7.69	51.2	9.06	59.5	10.5	63.6	11.3	67.7	12.0	76.0	13.7	84.3	15.3
		18	42.9	7.81	51.2	9.21	59.5	10.7	63.6	11.5	67.7	12.3	76.0	13.9	84.3	15.6
		20	42.9	7.93	51.2	9.37	59.5	10.9	63.6	11.7	67.7	12.5	76.0	14.2	84.3	15.9
		21	42.9	8.00	51.2	9.45	59.5	11.0	63.6	11.8	67.7	12.6	76.0	14.3	84.3	16.1
		23	42.9	8.13	51.2	9.61	59.5	11.2	63.6	12.0	67.7	12.9	76.0	14.9	84.3	17.1
		25	42.9	8.26	51.2	9.79	59.5	11.6	63.6	12.6	67.7	13.7	76.0	15.9	84.3	18.3
		27	42.9	8.56	51.2	10.4	59.5	12.4	63.6	13.4	67.7	14.6	76.0	16.9	84.3	19.5
		29	42.9	9.07	51.2	11.0	59.5	13.2	63.6	14.3	67.7	15.5	76.0	18.0	84.3	20.8
		31	42.9	9.61	51.2	11.7	59.5	14.0	63.6	15.2	67.7	16.5	76.0	19.2	84.3	22.2
		33	42.9	10.2	51.2	12.4	59.5	14.8	63.6	16.2	67.7	17.5	76.0	20.4	84.3	23.6
		35	42.9	10.7	51.2	13.1	59.5	15.7	63.6	17.1	67.7	18.6	76.0	21.7	84.3	25.1
		37	42.9	11.4	51.2	13.9	59.5	16.7	63.6	18.2	67.7	19.8	76.0	23.1	84.3	26.7
		39	42.9	12.0	51.2	14.7	59.5	17.7	63.6	19.3	67.7	21.0	76.0	24.6	84.3	28.4

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	475	10	35.8	6.33	42.7	7.33	49.6	8.38	53.0	8.93	56.4	9.50	63.3	10.7	70.2	11.9
		12	35.8	6.41	42.7	7.43	49.6	8.51	53.0	9.07	56.4	9.65	63.3	10.8	70.2	12.1
		14	35.8	6.50	42.7	7.54	49.6	8.64	53.0	9.22	56.4	9.81	63.3	11.0	70.2	12.3
		16	35.8	6.59	42.7	7.65	49.6	8.78	53.0	9.37	56.4	9.98	63.3	11.2	70.2	12.5
		18	35.8	6.68	42.7	7.77	49.6	8.93	53.0	9.53	56.4	10.1	63.3	11.4	70.2	12.8
		20	35.8	6.77	42.7	7.89	49.6	9.08	53.0	9.69	56.4	10.3	63.3	11.6	70.2	13.0
		21	35.8	6.82	42.7	7.95	49.6	9.15	53.0	9.78	56.4	10.4	63.3	11.7	70.2	13.1
		23	35.8	6.92	42.7	8.08	49.6	9.31	53.0	9.95	56.4	10.6	63.3	12.0	70.2	13.4
		25	35.8	7.03	42.7	8.22	49.6	9.48	53.0	10.2	56.4	10.9	63.3	12.6	70.2	14.3
		27	35.8	7.14	42.7	8.51	49.6	10.0	53.0	10.8	56.4	11.6	63.3	13.4	70.2	15.3
		29	35.8	7.55	42.7	9.02	49.6	10.6	53.0	11.5	56.4	12.4	63.3	14.2	70.2	16.2
		31	35.8	7.98	42.7	9.54	49.6	11.3	53.0	12.2	56.4	13.1	63.3	15.1	70.2	17.3
		33	35.8	8.43	42.7	10.1	49.6	11.9	53.0	12.9	56.4	13.9	63.3	16.1	70.2	18.4
		35	35.8	8.90	42.7	10.7	49.6	12.6	53.0	13.7	56.4	14.8	63.3	17.1	70.2	19.5
		37	35.8	9.38	42.7	11.3	49.6	13.4	53.0	14.5	56.4	15.6	63.3	18.1	70.2	20.7
		39	35.8	9.89	42.7	11.9	49.6	14.1	53.0	15.3	56.4	16.6	63.3	19.2	70.2	22.0

PA-40MX3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130	1,300	10	98.7	17.9	118	21.9	137	26.1	146	26.6	149	26.1	153	25.0	156	23.9
		12	98.7	18.2	118	22.3	137	26.6	145	26.5	147	25.9	151	24.8	154	24.4
		14	98.7	18.6	118	22.8	137	26.9	144	26.3	145	25.8	149	25.6	152	25.8
		16	98.7	18.9	118	23.2	137	26.8	142	26.6	143	26.7	147	27.0	151	27.2
		18	98.7	19.3	118	23.7	137	27.8	140	27.9	142	28.1	145	28.3	149	28.6
		20	98.7	19.7	118	25.2	136	29.1	138	29.3	140	29.4	143	29.7	147	30.0
		21	98.7	20.2	118	26.1	135	29.8	137	30.0	139	30.1	142	30.4	146	30.7
		23	98.7	21.7	118	28.0	133	31.2	135	31.3	137	31.5	140	31.8	143	32.0
		25	98.7	23.2	118	30.0	131	32.5	133	32.7	135	32.9	138	33.2	139	33.3
		27	98.7	24.8	118	32.1	129	33.9	131	34.1	133	34.3	135	34.5	136	34.5
		29	98.7	26.4	118	34.3	127	35.3	129	35.5	131	35.7	132	35.7	132	35.8
		31	98.7	28.2	118	36.3	125	36.7	127	36.9	128	36.9	128	37.0	129	37.0
		33	98.7	30.0	118	37.6	124	38.1	124	38.1	124	38.1	125	38.2	125	38.2
		35	98.7	32.0	118	39.0	120	39.3	121	39.3	121	39.3	121	39.4	121	39.4
		37	98.7	34.1	116	40.4	117	40.5	117	40.5	117	40.5	118	40.6	118	40.6
		39	98.7	36.3	111	41.6	113	41.6	113	41.7	114	41.7	114	41.7	114	41.8
120	1,200	10	91.1	16.4	109	20.0	126	23.8	135	25.7	144	26.8	150	25.8	154	24.7
		12	91.1	16.7	109	20.4	126	24.2	135	26.2	144	26.6	148	25.6	152	24.6
		14	91.1	17.0	109	20.7	126	24.7	135	26.7	143	26.5	146	25.4	150	25.6
		16	91.1	17.3	109	21.1	126	25.2	135	26.9	141	26.5	144	26.8	148	27.0
		18	91.1	17.6	109	21.6	126	26.0	135	27.8	139	27.9	143	28.1	146	28.4
		20	91.1	18.0	109	22.4	126	28.0	135	29.1	137	29.2	141	29.5	144	29.8
		21	91.1	18.1	109	23.2	126	29.0	135	29.8	136	29.9	140	30.2	143	30.5
		23	91.1	19.4	109	24.9	126	31.0	133	31.1	134	31.3	138	31.6	141	31.9
		25	91.1	20.7	109	26.6	126	32.4	131	32.5	133	32.7	136	33.0	139	33.3
		27	91.1	22.1	109	28.5	126	33.7	129	33.9	131	34.0	134	34.4	136	34.5
		29	91.1	23.6	109	30.4	125	35.1	127	35.3	129	35.4	132	35.7	132	35.8
		31	91.1	25.1	109	32.4	123	36.4	125	36.6	127	36.8	128	37.0	129	37.0
		33	91.1	26.8	109	34.6	122	37.8	123	38.0	124	38.1	125	38.2	125	38.2
		35	91.1	28.5	109	36.9	120	39.2	121	39.3	121	39.3	121	39.4	121	39.4
		37	91.1	30.3	109	39.3	117	40.5	117	40.5	117	40.5	118	40.6	118	40.6
		39	91.1	32.3	109	41.5	113	41.6	113	41.7	114	41.7	114	41.7	114	41.8
110	1,100	10	83.5	14.9	99.6	18.1	116	21.5	124	23.2	132	25.0	148	26.5	151	25.6
		12	83.5	15.1	99.6	18.4	116	21.9	124	23.7	132	25.5	146	26.4	149	25.4
		14	83.5	15.4	99.6	18.8	116	22.3	124	24.1	132	25.9	144	26.2	147	25.4
		16	83.5	15.7	99.6	19.1	116	22.7	124	24.6	132	26.4	142	26.6	145	26.8
		18	83.5	16.0	99.6	19.5	116	23.2	124	25.3	132	27.7	140	27.9	143	28.2
		20	83.5	16.3	99.6	19.9	116	24.6	124	27.1	132	29.1	138	29.3	141	29.6
		21	83.5	16.5	99.6	20.5	116	25.4	124	28.1	132	29.7	137	30.0	140	30.2
		23	83.5	17.2	99.6	22.0	116	27.3	124	30.2	132	31.1	135	31.4	138	31.6
		25	83.5	18.4	99.6	23.5	116	29.2	124	32.3	130	32.5	133	32.7	136	33.0
		27	83.5	19.6	99.6	25.1	116	31.2	124	33.7	128	33.8	131	34.1	134	34.4
		29	83.5	20.9	99.6	26.8	116	33.4	124	35.0	126	35.2	129	35.5	132	35.8
		31	83.5	22.3	99.6	28.6	116	35.6	123	36.4	125	36.6	128	36.9	129	37.0
		33	83.5	23.7	99.6	30.4	116	37.6	121	37.8	123	37.9	125	38.2	125	38.2
		35	83.5	25.2	99.6	32.4	116	39.0	119	39.1	121	39.3	121	39.4	121	39.4
		37	83.5	26.8	99.6	34.5	116	40.3	117	40.5	117	40.5	118	40.6	118	40.6
		39	83.5	28.5	99.6	36.8	113	41.6	113	41.7	114	41.7	114	41.7	114	41.8
100	1,000	10	75.9	13.4	90.6	16.2	105	19.2	113	20.8	120	22.4	134	25.6	148	26.5
		12	75.9	13.6	90.6	16.5	105	19.6	113	21.2	120	22.8	134	26.0	146	26.3
		14	75.9	13.9	90.6	16.8	105	20.0	113	21.6	120	23.2	134	26.5	144	26.2
		16	75.9	14.1	90.6	17.2	105	20.4	113	22.0	120	23.7	134	26.9	142	26.6
		18	75.9	14.4	90.6	17.5	105	20.8	113	22.4	120	24.1	134	27.8	140	28.0
		20	75.9	14.7	90.6	17.8	105	21.4	113	23.6	120	25.9	134	29.1	138	29.3
		21	75.9	14.8	90.6	18.0	105	22.2	113	24.4	120	26.8	134	29.8	137	30.0
		23	75.9	15.2	90.6	19.2	105	23.7	113	26.2	120	28.7	133	31.1	135	31.4
		25	75.9	16.2	90.6	20.5	105	25.4	113	28.0	120	30.8	131	32.5	134	32.8
		27	75.9	17.3	90.6	21.9	105	27.1	113	30.0	120	32.9	129	33.9	132	34.1
		29	75.9	18.4	90.6	23.4	105	29.0	113	32.0	120	35.0	127	35.2	130	35.5
		31	75.9	19.6	90.6	24.9	105	30.9	113	34.2	120	36.3	125	36.6	128	36.9
		33	75.9	20.8	90.6	26.5	105	33.0	113	36.5	120	37.7	123	38.0	125	38.2
		35	75.9	22.1	90.6	28.3	105	35.1	113	38.9	118	39.1	121	39.4	121	39.4
		37	75.9	23.5	90.6	30.1	105	37.4	113	40.2	117	40.4	118	40.6	118	40.6
		39	75.9	25.0	90.6	32.0	105	39.9	113	41.6	114	41.7	114	41.7	114	41.8

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	900	10	68.3	12.0	81.5	14.5	94.7	17.1	101	18.4	108	19.8	121	22.6	134	25.5
		12	68.3	12.2	81.5	14.7	94.7	17.4	101	18.8	108	20.2	121	23.0	134	26.0
		14	68.3	12.4	81.5	15.0	94.7	17.7	101	19.1	108	20.6	121	23.5	134	26.5
		16	68.3	12.6	81.5	15.3	94.7	18.1	101	19.5	108	21.0	121	24.0	134	26.9
		18	68.3	12.9	81.5	15.6	94.7	18.4	101	19.9	108	21.4	121	24.4	134	27.8
		20	68.3	13.1	81.5	15.9	94.7	18.8	101	20.3	108	22.2	121	26.3	134	29.1
		21	68.3	13.2	81.5	16.0	94.7	19.1	101	21.0	108	23.0	121	27.2	134	29.8
		23	68.3	13.5	81.5	16.7	94.7	20.4	101	22.5	108	24.6	121	29.2	133	31.1
		25	68.3	14.2	81.5	17.8	94.7	21.8	101	24.0	108	26.3	121	31.2	131	32.5
		27	68.3	15.1	81.5	19.0	94.7	23.3	101	25.7	108	28.1	121	33.4	129	33.9
		29	68.3	16.1	81.5	20.2	94.7	24.9	101	27.4	108	30.1	121	35.0	127	35.2
		31	68.3	17.1	81.5	21.5	94.7	26.5	101	29.2	108	32.1	121	36.3	125	36.6
		33	68.3	18.1	81.5	22.9	94.7	28.3	101	31.2	108	34.2	121	37.7	123	38.0
		35	68.3	19.3	81.5	24.4	94.7	30.1	101	33.2	108	36.5	119	39.1	121	39.4
		37	68.3	20.4	81.5	25.9	94.7	32.1	101	35.4	108	38.9	117	40.5	118	40.6
		39	68.3	21.7	81.5	27.5	94.7	34.1	101	37.7	108	41.4	114	41.7	114	41.8
80	800	10	60.7	10.6	72.4	12.7	84.1	15.0	90.0	16.1	95.9	17.3	108	19.7	119	22.2
		12	60.7	10.8	72.4	13.0	84.1	15.2	90.0	16.4	95.9	17.6	108	20.1	119	22.7
		14	60.7	11.0	72.4	13.2	84.1	15.5	90.0	16.7	95.9	18.0	108	20.5	119	23.1
		16	60.7	11.2	72.4	13.4	84.1	15.8	90.0	17.1	95.9	18.3	108	20.9	119	23.6
		18	60.7	11.4	72.4	13.7	84.1	16.1	90.0	17.4	95.9	18.7	108	21.3	119	24.0
		20	60.7	11.6	72.4	13.9	84.1	16.4	90.0	17.7	95.9	19.0	108	22.1	119	25.7
		21	60.7	11.7	72.4	14.1	84.1	16.6	90.0	17.9	95.9	19.4	108	22.9	119	26.6
		23	60.7	11.9	72.4	14.3	84.1	17.4	90.0	19.1	95.9	20.8	108	24.5	119	28.5
		25	60.7	12.3	72.4	15.3	84.1	18.6	90.0	20.4	95.9	22.2	108	26.2	119	30.6
		27	60.7	13.1	72.4	16.3	84.1	19.8	90.0	21.7	95.9	23.7	108	28.0	119	32.7
		29	60.7	13.9	72.4	17.3	84.1	21.1	90.0	23.2	95.9	25.3	108	29.9	119	34.9
		31	60.7	14.7	72.4	18.4	84.1	22.5	90.0	24.7	95.9	27.0	108	32.0	119	36.3
		33	60.7	15.6	72.4	19.6	84.1	23.9	90.0	26.3	95.9	28.8	108	34.1	119	37.7
		35	60.7	16.6	72.4	20.8	84.1	25.5	90.0	28.0	95.9	30.7	108	36.3	118	39.0
		37	60.7	17.6	72.4	22.1	84.1	27.1	90.0	29.8	95.9	32.6	108	38.7	116	40.4
		39	60.7	18.6	72.4	23.4	84.1	28.8	90.0	31.7	95.9	34.7	108	41.3	114	41.8
70	700	10	53.1	9.36	63.4	11.1	73.6	13.0	78.8	13.9	83.9	14.9	94.1	17.0	104	19.1
		12	53.1	9.50	63.4	11.3	73.6	13.2	78.8	14.2	83.9	15.2	94.1	17.3	104	19.4
		14	53.1	9.65	63.4	11.5	73.6	13.4	78.8	14.4	83.9	15.5	94.1	17.6	104	19.8
		16	53.1	9.81	63.4	11.7	73.6	13.7	78.8	14.7	83.9	15.8	94.1	17.9	104	20.2
		18	53.1	10.0	63.4	11.9	73.6	13.9	78.8	15.0	83.9	16.1	94.1	18.3	104	20.6
		20	53.1	10.1	63.4	12.1	73.6	14.2	78.8	15.3	83.9	16.4	94.1	18.6	104	21.2
		21	53.1	10.2	63.4	12.2	73.6	14.3	78.8	15.4	83.9	16.5	94.1	18.9	104	21.9
		23	53.1	10.4	63.4	12.4	73.6	14.6	78.8	15.9	83.9	17.3	94.1	20.3	104	23.5
		25	53.1	10.6	63.4	12.9	73.6	15.6	78.8	17.0	83.9	18.5	94.1	21.7	104	25.1
		27	53.1	11.2	63.4	13.8	73.6	16.6	78.8	18.1	83.9	19.7	94.1	23.1	104	26.8
		29	53.1	11.9	63.4	14.6	73.6	17.7	78.8	19.3	83.9	21.0	94.1	24.7	104	28.6
		31	53.1	12.6	63.4	15.5	73.6	18.8	78.8	20.6	83.9	22.4	94.1	26.3	104	30.6
		33	53.1	13.3	63.4	16.5	73.6	20.0	78.8	21.9	83.9	23.8	94.1	28.0	104	32.6
		35	53.1	14.1	63.4	17.5	73.6	21.2	78.8	23.3	83.9	25.4	94.1	29.9	104	34.7
		37	53.1	15.0	63.4	18.6	73.6	22.6	78.8	24.7	83.9	27.0	94.1	31.8	104	37.0
		39	53.1	15.8	63.4	19.7	73.6	24.0	78.8	26.3	83.9	28.7	94.1	33.8	104	39.4
60	600	10	45.6	8.14	54.3	9.56	63.1	11.1	67.5	11.8	71.9	12.6	80.7	14.3	89.4	16.0
		12	45.6	8.26	54.3	9.70	63.1	11.2	67.5	12.0	71.9	12.9	80.7	14.6	89.4	16.3
		14	45.6	8.38	54.3	9.86	63.1	11.4	67.5	12.2	71.9	13.1	80.7	14.8	89.4	16.6
		16	45.6	8.50	54.3	10.0	63.1	11.6	67.5	12.5	71.9	13.3	80.7	15.1	89.4	16.9
		18	45.6	8.63	54.3	10.2	63.1	11.8	67.5	12.7	71.9	13.6	80.7	15.4	89.4	17.3
		20	45.6	8.77	54.3	10.4	63.1	12.0	67.5	12.9	71.9	13.8	80.7	15.7	89.4	17.6
		21	45.6	8.84	54.3	10.4	63.1	12.2	67.5	13.0	71.9	13.9	80.7	15.8	89.4	17.8
		23	45.6	8.98	54.3	10.6	63.1	12.4	67.5	13.3	71.9	14.2	80.7	16.4	89.4	18.9
		25	45.6	9.13	54.3	10.8	63.1	12.9	67.5	14.0	71.9	15.1	80.7	17.6	89.4	20.2
		27	45.6	9.47	54.3	11.5	63.1	13.7	67.5	14.9	71.9	16.1	80.7	18.7	89.4	21.6
		29	45.6	10.0	54.3	12.2	63.1	14.5	67.5	15.8	71.9	17.1	80.7	19.9	89.4	23.0
		31	45.6	10.6	54.3	12.9	63.1	15.5	67.5	16.8	71.9	18.2	80.7	21.2	89.4	24.5
		33	45.6	11.2	54.3	13.7	63.1	16.4	67.5	17.9	71.9	19.4	80.7	22.6	89.4	26.1
		35	45.6	11.9	54.3	14.5	63.1	17.4	67.5	19.0	71.9	20.6	80.7	24.0	89.4	27.8
		37	45.6	12.6	54.3	15.4	63.1	18.5	67.5	20.1	71.9	21.8	80.7	25.5	89.4	29.5
		39	45.6	13.3	54.3	16.3	63.1	19.6	67.5	21.3	71.9	23.2	80.7	27.1	89.4	31.4

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	500	10	38.0	7.00	45.3	8.10	52.6	9.27	56.3	9.88	59.9	10.5	67.2	11.8	74.5	13.1
		12	38.0	7.09	45.3	8.21	52.6	9.41	56.3	10.0	59.9	10.7	67.2	12.0	74.5	13.4
		14	38.0	7.18	45.3	8.33	52.6	9.56	56.3	10.2	59.9	10.8	67.2	12.2	74.5	13.6
		16	38.0	7.28	45.3	8.46	52.6	9.71	56.3	10.4	59.9	11.0	67.2	12.4	74.5	13.8
		18	38.0	7.38	45.3	8.59	52.6	9.87	56.3	10.5	59.9	11.2	67.2	12.6	74.5	14.1
		20	38.0	7.49	45.3	8.72	52.6	10.0	56.3	10.7	59.9	11.4	67.2	12.9	74.5	14.4
		21	38.0	7.54	45.3	8.79	52.6	10.1	56.3	10.8	59.9	11.5	67.2	13.0	74.5	14.5
		23	38.0	7.65	45.3	8.93	52.6	10.3	56.3	11.0	59.9	11.7	67.2	13.2	74.5	14.8
		25	38.0	7.77	45.3	9.08	52.6	10.5	56.3	11.2	59.9	12.1	67.2	13.9	74.5	15.8
		27	38.0	7.90	45.3	9.41	52.6	11.1	56.3	11.9	59.9	12.9	67.2	14.8	74.5	16.9
		29	38.0	8.35	45.3	9.97	52.6	11.7	56.3	12.7	59.9	13.7	67.2	15.7	74.5	18.0
		31	38.0	8.83	45.3	10.6	52.6	12.4	56.3	13.4	59.9	14.5	67.2	16.7	74.5	19.1
		33	38.0	9.32	45.3	11.2	52.6	13.2	56.3	14.3	59.9	15.4	67.2	17.8	74.5	20.3
		35	38.0	9.83	45.3	11.8	52.6	14.0	56.3	15.1	59.9	16.3	67.2	18.9	74.5	21.6
		37	38.0	10.4	45.3	12.5	52.6	14.8	56.3	16.0	59.9	17.3	67.2	20.0	74.5	22.9
		39	38.0	10.9	45.3	13.2	52.6	15.6	56.3	16.9	59.9	18.3	67.2	21.2	74.5	24.4

PA-42MX3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130	1,365	10	103	18.5	122	22.7	142	27.0	152	27.5	155	27.0	159	25.8	163	24.7
		12	103	18.9	122	23.1	142	27.5	151	27.4	153	26.8	157	25.7	161	25.3
		14	103	19.2	122	23.6	142	27.8	149	27.3	151	26.7	155	26.5	159	26.7
		16	103	19.6	122	24.0	142	27.7	147	27.5	149	27.6	153	27.9	157	28.2
		18	103	20.0	122	24.5	142	28.8	145	28.9	147	29.0	151	29.3	155	29.6
		20	103	20.4	122	26.1	141	30.2	143	30.3	145	30.5	149	30.8	153	31.1
		21	103	21.0	122	27.0	140	30.9	142	31.0	144	31.2	148	31.5	151	31.7
		23	103	22.4	122	29.0	138	32.3	140	32.4	142	32.6	146	32.9	147	33.1
		25	103	24.0	122	31.0	136	33.7	138	33.9	140	34.0	143	34.3	144	34.4
		27	103	25.6	122	33.2	134	35.1	136	35.3	138	35.5	140	35.6	140	35.6
		29	103	27.3	122	35.5	132	36.5	134	36.7	136	36.8	136	36.9	136	36.9
		31	103	29.2	122	37.5	130	38.0	132	38.1	132	38.1	132	38.1	133	38.2
		33	103	31.1	122	38.9	128	39.3	128	39.3	128	39.3	129	39.4	129	39.4
		35	103	33.1	122	40.4	124	40.5	124	40.6	124	40.6	125	40.6	125	40.7
		37	103	35.3	118	41.7	120	41.7	121	41.8	121	41.8	121	41.8	122	41.9
		39	103	37.5	109	41.3	111	42.4	112	43.0	113	43.0	115	43.0	117	43.1
120	1,260	10	94.8	16.9	113	20.7	131	24.6	140	26.6	150	27.7	156	26.7	160	25.6
		12	94.8	17.2	113	21.1	131	25.1	140	27.1	150	27.6	154	26.5	158	25.4
		14	94.8	17.6	113	21.5	131	25.5	140	27.6	149	27.4	152	26.3	156	26.5
		16	94.8	17.9	113	21.9	131	26.0	140	27.8	147	27.5	150	27.7	154	28.0
		18	94.8	18.2	113	22.3	131	26.9	140	28.7	145	28.9	148	29.1	152	29.4
		20	94.8	18.6	113	23.2	131	28.9	140	30.1	143	30.3	146	30.5	150	30.8
		21	94.8	18.8	113	24.0	131	30.0	140	30.8	142	31.0	145	31.3	149	31.5
		23	94.8	20.1	113	25.7	131	32.1	138	32.2	140	32.4	143	32.7	147	33.0
		25	94.8	21.4	113	27.6	131	33.5	136	33.6	138	33.8	141	34.1	144	34.4
		27	94.8	22.9	113	29.5	131	34.9	134	35.1	136	35.2	139	35.6	140	35.6
		29	94.8	24.4	113	31.5	130	36.3	132	36.5	134	36.7	136	36.9	136	36.9
		31	94.8	26.0	113	33.6	128	37.7	130	37.9	132	38.1	132	38.1	133	38.2
		33	94.8	27.7	113	35.8	126	39.1	128	39.3	128	39.3	129	39.4	129	39.4
		35	94.8	29.5	113	38.2	124	40.5	124	40.6	124	40.6	125	40.6	125	40.7
		37	94.8	31.4	113	40.7	120	41.7	121	41.8	121	41.8	121	41.8	122	41.9
		39	94.8	33.4	109	41.3	111	42.4	112	43.0	113	43.0	115	43.0	117	43.1
110	1,155	10	86.9	15.4	104	18.7	120	22.2	129	24.0	137	25.9	154	27.4	157	26.5
		12	86.9	15.6	104	19.1	120	22.7	129	24.5	137	26.3	152	27.3	155	26.3
		14	86.9	15.9	104	19.4	120	23.1	129	25.0	137	26.8	150	27.2	153	26.3
		16	86.9	16.2	104	19.8	120	23.5	129	25.4	137	27.4	148	27.5	151	27.7
		18	86.9	16.5	104	20.2	120	24.0	129	26.1	137	28.7	146	28.9	149	29.2
		20	86.9	16.9	104	20.6	120	25.4	129	28.1	137	30.1	144	30.3	147	30.6
		21	86.9	17.0	104	21.2	120	26.3	129	29.1	137	30.8	143	31.0	146	31.3
		23	86.9	17.8	104	22.7	120	28.2	129	31.2	137	32.2	141	32.5	144	32.7
		25	86.9	19.0	104	24.3	120	30.2	129	33.4	136	33.6	139	33.9	142	34.2
		27	86.9	20.3	104	26.0	120	32.3	129	34.8	134	35.0	137	35.3	140	35.6
		29	86.9	21.6	104	27.7	120	34.5	129	36.3	132	36.4	135	36.8	136	36.9
		31	86.9	23.0	104	29.6	120	36.9	128	37.7	130	37.8	132	38.1	133	38.2
		33	86.9	24.5	104	31.5	120	38.9	126	39.1	128	39.3	129	39.4	129	39.4
		35	86.9	26.1	104	33.6	120	40.3	124	40.5	124	40.6	125	40.6	125	40.7
		37	86.9	27.7	104	35.7	120	41.7	121	41.8	121	41.8	121	41.8	122	41.9
		39	86.9	29.5	104	38.1	111	42.4	112	43.0	113	43.0	115	43.0	117	43.1
100	1,050	10	79.0	13.9	94.2	16.8	109	19.9	117	21.5	125	23.1	140	26.5	154	27.4
		12	79.0	14.1	94.2	17.1	109	20.3	117	21.9	125	23.6	140	27.0	152	27.2
		14	79.0	14.4	94.2	17.4	109	20.7	117	22.3	125	24.0	140	27.5	150	27.1
		16	79.0	14.6	94.2	17.8	109	21.1	117	22.8	125	24.5	140	27.8	148	27.5
		18	79.0	14.9	94.2	18.1	109	21.5	117	23.2	125	25.0	140	28.7	146	28.9
		20	79.0	15.2	94.2	18.5	109	22.1	117	24.4	125	26.8	140	30.1	144	30.4
		21	79.0	15.3	94.2	18.7	109	22.9	117	25.3	125	27.7	140	30.8	143	31.1
		23	79.0	15.7	94.2	19.9	109	24.6	117	27.1	125	29.7	138	32.2	141	32.5
		25	79.0	16.8	94.2	21.3	109	26.3	117	29.0	125	31.8	136	33.6	139	33.9
		27	79.0	17.9	94.2	22.7	109	28.1	117	31.0	125	34.1	134	35.1	137	35.3
		29	79.0	19.0	94.2	24.2	109	30.0	117	33.1	125	36.2	132	36.5	135	36.8
		31	79.0	20.3	94.2	25.8	109	32.0	117	35.4	125	37.6	130	37.9	133	38.2
		33	79.0	21.6	94.2	27.5	109	34.1	117	37.7	125	39.0	128	39.3	129	39.4
		35	79.0	22.9	94.2	29.2	109	36.4	117	40.2	123	40.4	125	40.6	125	40.7
		37	79.0	24.3	94.2	31.1	109	38.8	117	41.7	121	41.8	121	41.8	122	41.9
		39	79.0	25.8	94.2	33.1	109	41.3	112	43.0	113	43.0	115	43.0	117	43.1

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	945	10	71.1	12.4	84.8	15.0	98.5	17.7	105	19.1	112.1	20.5	126	23.4	140	26.4
		12	71.1	12.6	84.8	15.2	98.5	18.0	105	19.4	112.1	20.9	126	23.9	140	26.9
		14	71.1	12.8	84.8	15.5	98.5	18.3	105	19.8	112.1	21.3	126	24.3	140	27.4
		16	71.1	13.1	84.8	15.8	98.5	18.7	105	20.2	112.1	21.7	126	24.8	140	27.9
		18	71.1	13.3	84.8	16.1	98.5	19.0	105	20.6	112.1	22.1	126	25.3	140	28.7
		20	71.1	13.5	84.8	16.4	98.5	19.4	105	21.0	112.1	22.9	126	27.2	140	30.1
		21	71.1	13.7	84.8	16.6	98.5	19.8	105	21.7	112.1	23.8	126	28.1	140	30.8
		23	71.1	13.9	84.8	17.3	98.5	21.2	105	23.3	112.1	25.5	126	30.2	138	32.2
		25	71.1	14.7	84.8	18.4	98.5	22.6	105	24.9	112.1	27.2	126	32.3	136	33.6
		27	71.1	15.6	84.8	19.6	98.5	24.1	105	26.6	112.1	29.1	126	34.6	134	35.0
		29	71.1	16.6	84.8	20.9	98.5	25.8	105	28.4	112.1	31.1	126	36.2	132	36.5
		31	71.1	17.7	84.8	22.3	98.5	27.5	105	30.3	112.1	33.2	126	37.6	130	37.9
		33	71.1	18.8	84.8	23.7	98.5	29.3	105	32.3	112.1	35.4	125	39.0	128	39.3
		35	71.1	19.9	84.8	25.2	98.5	31.2	105	34.4	112.1	37.8	123	40.4	125	40.7
		37	71.1	21.2	84.8	26.8	98.5	33.2	105	36.6	112.1	40.2	121	41.8	122	41.9
		39	71.1	22.4	84.8	28.5	98.5	35.3	105	39.0	112.1	42.9	115	43.0	117	43.1
80	840	10	63.2	11.0	75.3	13.2	87.5	15.5	93.6	16.7	99.7	17.9	112	20.4	124	23.0
		12	63.2	11.2	75.3	13.4	87.5	15.8	93.6	17.0	99.7	18.3	112	20.8	124	23.5
		14	63.2	11.4	75.3	13.7	87.5	16.1	93.6	17.3	99.7	18.6	112	21.2	124	23.9
		16	63.2	11.6	75.3	13.9	87.5	16.4	93.6	17.6	99.7	19.0	112	21.6	124	24.4
		18	63.2	11.8	75.3	14.2	87.5	16.7	93.6	18.0	99.7	19.3	112	22.1	124	24.9
		20	63.2	12.0	75.3	14.4	87.5	17.0	93.6	18.3	99.7	19.7	112	22.9	124	26.6
		21	63.2	12.1	75.3	14.6	87.5	17.2	93.6	18.5	99.7	20.1	112	23.7	124	27.5
		23	63.2	12.3	75.3	14.8	87.5	18.0	93.6	19.7	99.7	21.5	112	25.4	124	29.5
		25	63.2	12.7	75.3	15.8	87.5	19.2	93.6	21.1	99.7	23.0	112	27.1	124	31.6
		27	63.2	13.5	75.3	16.8	87.5	20.5	93.6	22.5	99.7	24.6	112	29.0	124	33.8
		29	63.2	14.4	75.3	17.9	87.5	21.9	93.6	24.0	99.7	26.2	112	31.0	124	36.2
		31	63.2	15.3	75.3	19.1	87.5	23.3	93.6	25.6	99.7	28.0	112	33.1	124	37.6
		33	63.2	16.2	75.3	20.3	87.5	24.8	93.6	27.2	99.7	29.8	112	35.3	124	39.0
		35	63.2	17.2	75.3	21.5	87.5	26.4	93.6	29.0	99.7	31.7	112	37.6	123	40.4
		37	63.2	18.2	75.3	22.8	87.5	28.0	93.6	30.8	99.7	33.8	112	40.1	121	41.8
		39	63.2	19.3	75.3	24.3	87.5	29.8	93.6	32.8	99.7	36.0	112	42.7	117	43.1
70	735	10	55.3	9.69	65.9	11.5	76.6	13.4	81.9	14.4	87.2	15.4	97.9	17.6	109	19.7
		12	55.3	9.84	65.9	11.7	76.6	13.7	81.9	14.7	87.2	15.7	97.9	17.9	109	20.1
		14	55.3	10.0	65.9	11.9	76.6	13.9	81.9	14.9	87.2	16.0	97.9	18.2	109	20.5
		16	55.3	10.1	65.9	12.1	76.6	14.1	81.9	15.2	87.2	16.3	97.9	18.6	109	20.9
		18	55.3	10.3	65.9	12.3	76.6	14.4	81.9	15.5	87.2	16.6	97.9	18.9	109	21.3
		20	55.3	10.5	65.9	12.5	76.6	14.7	81.9	15.8	87.2	16.9	97.9	19.3	109	21.9
		21	55.3	10.6	65.9	12.6	76.6	14.8	81.9	15.9	87.2	17.1	97.9	19.6	109	22.7
		23	55.3	10.8	65.9	12.9	76.6	15.1	81.9	16.5	87.2	17.9	97.9	21.0	109	24.3
		25	55.3	11.0	65.9	13.4	76.6	16.1	81.9	17.6	87.2	19.1	97.9	22.4	109	26.0
		27	55.3	11.6	65.9	14.2	76.6	17.2	81.9	18.8	87.2	20.4	97.9	23.9	109	27.8
		29	55.3	12.3	65.9	15.1	76.6	18.3	81.9	20.0	87.2	21.8	97.9	25.5	109	29.6
		31	55.3	13.0	65.9	16.1	76.6	19.5	81.9	21.3	87.2	23.2	97.9	27.2	109	31.6
		33	55.3	13.8	65.9	17.1	76.6	20.7	81.9	22.6	87.2	24.7	97.9	29.0	109	33.7
		35	55.3	14.6	65.9	18.1	76.6	22.0	81.9	24.1	87.2	26.2	97.9	30.9	109	35.9
		37	55.3	15.5	65.9	19.2	76.6	23.3	81.9	25.6	87.2	27.9	97.9	32.9	109	38.3
		39	55.3	16.4	65.9	20.4	76.6	24.8	81.9	27.2	87.2	29.7	97.9	35.0	109	40.8
60	630	10	47.4	8.43	56.5	9.89	65.6	11.4	70.2	12.3	74.8	13.1	83.9	14.8	93.0	16.6
		12	47.4	8.55	56.5	10.0	65.6	11.6	70.2	12.5	74.8	13.3	83.9	15.1	93.0	16.9
		14	47.4	8.67	56.5	10.2	65.6	11.8	70.2	12.7	74.8	13.5	83.9	15.3	93.0	17.2
		16	47.4	8.80	56.5	10.4	65.6	12.0	70.2	12.9	74.8	13.8	83.9	15.6	93.0	17.5
		18	47.4	8.94	56.5	10.5	65.6	12.2	70.2	13.1	74.8	14.0	83.9	15.9	93.0	17.9
		20	47.4	9.08	56.5	10.7	65.6	12.5	70.2	13.4	74.8	14.3	83.9	16.2	93.0	18.2
		21	47.4	9.15	56.5	10.8	65.6	12.6	70.2	13.5	74.8	14.4	83.9	16.4	93.0	18.4
		23	47.4	9.30	56.5	11.0	65.6	12.8	70.2	13.8	74.8	14.7	83.9	17.0	93.0	19.6
		25	47.4	9.45	56.5	11.2	65.6	13.3	70.2	14.5	74.8	15.6	83.9	18.2	93.0	20.9
		27	47.4	9.80	56.5	11.9	65.6	14.2	70.2	15.4	74.8	16.7	83.9	19.4	93.0	22.3
		29	47.4	10.4	56.5	12.6	65.6	15.1	70.2	16.4	74.8	17.7	83.9	20.6	93.0	23.8
		31	47.4	11.0	56.5	13.4	65.6	16.0	70.2	17.4	74.8	18.9	83.9	22.0	93.0	25.3
		33	47.4	11.6	56.5	14.2	65.6	17.0	70.2	18.5	74.8	20.0	83.9	23.4	93.0	27.0
		35	47.4	12.3	56.5	15.0	65.6	18.0	70.2	19.6	74.8	21.3	83.9	24.9	93.0	28.7
		37	47.4	13.0	56.5	15.9	65.6	19.1	70.2	20.8	74.8	22.6	83.9	26.4	93.0	30.6
		39	47.4	13.7	56.5	16.8	65.6	20.2	70.2	22.1	74.8	24.0	83.9	28.1	93.0	32.5

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	525	10	39.5	7.24	47.1	8.38	54.7	9.59	58.5	10.2	62.3	10.9	69.9	12.2	77.5	13.6
		12	39.5	7.34	47.1	8.50	54.7	9.74	58.5	10.4	62.3	11.0	69.9	12.4	77.5	13.8
		14	39.5	7.43	47.1	8.63	54.7	9.89	58.5	10.5	62.3	11.2	69.9	12.6	77.5	14.1
		16	39.5	7.53	47.1	8.75	54.7	10.0	58.5	10.7	62.3	11.4	69.9	12.8	77.5	14.3
		18	39.5	7.64	47.1	8.89	54.7	10.2	58.5	10.9	62.3	11.6	69.9	13.1	77.5	14.6
		20	39.5	7.75	47.1	9.03	54.7	10.4	58.5	11.1	62.3	11.8	69.9	13.3	77.5	14.9
		21	39.5	7.81	47.1	9.10	54.7	10.5	58.5	11.2	62.3	11.9	69.9	13.4	77.5	15.0
		23	39.5	7.92	47.1	9.25	54.7	10.7	58.5	11.4	62.3	12.1	69.9	13.7	77.5	15.4
		25	39.5	8.04	47.1	9.40	54.7	10.8	58.5	11.6	62.3	12.5	69.9	14.4	77.5	16.4
		27	39.5	8.17	47.1	9.73	54.7	11.4	58.5	12.4	62.3	13.3	69.9	15.3	77.5	17.5
		29	39.5	8.64	47.1	10.3	54.7	12.1	58.5	13.1	62.3	14.1	69.9	16.3	77.5	18.6
		31	39.5	9.13	47.1	10.9	54.7	12.9	58.5	13.9	62.3	15.0	69.9	17.3	77.5	19.8
		33	39.5	9.65	47.1	11.6	54.7	13.6	58.5	14.8	62.3	15.9	69.9	18.4	77.5	21.0
		35	39.5	10.2	47.1	12.2	54.7	14.4	58.5	15.6	62.3	16.9	69.9	19.5	77.5	22.3
		37	39.5	10.7	47.1	12.9	54.7	15.3	58.5	16.6	62.3	17.9	69.9	20.7	77.5	23.7
		39	39.5	11.3	47.1	13.6	54.7	16.2	58.5	17.5	62.3	19.0	69.9	22.0	77.5	25.2

PA-44MX3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130	1,430	10	107	19.2	128	23.6	149	28.0	159	28.6	162	28.0	166	26.8	170	25.6
		12	107	19.6	128	24.0	149	28.5	158	28.5	160	27.9	164	26.7	168	26.3
		14	107	20.0	128	24.5	149	28.9	156	28.3	158	27.7	162	27.5	166	27.7
		16	107	20.4	128	24.9	149	28.8	154	28.6	156	28.7	160	29.0	164	29.2
		18	107	20.7	128	25.4	149	29.9	152	30.0	154	30.2	158	30.5	162	30.7
		20	107	21.2	128	27.1	148	31.3	150	31.5	152	31.6	156	31.9	160	32.3
		21	107	21.8	128	28.1	147	32.1	149	32.2	151	32.4	155	32.7	158	33.0
		23	107	23.3	128	30.1	145	33.5	147	33.7	149	33.9	153	34.2	154	34.3
		25	107	24.9	128	32.2	143	35.0	145	35.2	147	35.3	150	35.6	150	35.7
		27	107	26.6	128	34.5	141	36.5	143	36.6	145	36.8	146	37.0	147	37.0
		29	107	28.4	128	36.8	139	37.9	141	38.1	142	38.3	142	38.3	143	38.3
		31	107	30.3	128	39.0	137	39.4	138	39.5	138	39.6	138	39.6	139	39.7
		33	107	32.3	128	40.4	134	40.8	134	40.8	134	40.9	135	40.9	135	41.0
		35	107	34.4	128	41.9	130	42.1	130	42.1	130	42.1	131	42.2	131	42.2
		37	107	36.6	124	43.3	126	43.3	126	43.4	126	43.4	127	43.5	127	43.5
		39	107	39.0	115	42.9	117	44.1	118	44.6	119	44.6	121	44.7	123	44.7
120	1,320	10	99.2	17.6	118	21.5	137	25.5	147	27.6	157	28.8	164	27.7	167	26.6
		12	99.2	17.9	118	21.9	137	26.0	147	28.1	157	28.6	161	27.5	165	26.4
		14	99.2	18.2	118	22.3	137	26.5	147	28.7	156	28.5	159	27.3	163	27.5
		16	99.2	18.6	118	22.7	137	27.0	147	28.9	154	28.5	157	28.8	161	29.0
		18	99.2	18.9	118	23.2	137	28.0	147	29.8	152	30.0	155	30.2	159	30.5
		20	99.2	19.3	118	24.1	137	30.1	147	31.3	150	31.4	153	31.7	157	32.0
		21	99.2	19.5	118	25.0	137	31.1	147	32.0	148	32.2	152	32.5	156	32.8
		23	99.2	20.8	118	26.7	137	33.3	145	33.5	146	33.6	150	34.0	154	34.3
		25	99.2	22.3	118	28.6	137	34.8	143	34.9	144	35.1	148	35.4	150	35.7
		27	99.2	23.8	118	30.6	137	36.2	140	36.4	142	36.6	146	36.9	147	37.0
		29	99.2	25.3	118	32.7	137	37.7	138	37.9	140	38.1	142	38.3	143	38.3
		31	99.2	27.0	118	34.9	134	39.2	136	39.4	138	39.6	138	39.6	139	39.7
		33	99.2	28.8	118	37.2	132	40.7	134	40.8	134	40.9	135	40.9	135	41.0
		35	99.2	30.6	118	39.7	130	42.1	130	42.1	130	42.1	131	42.2	131	42.2
		37	99.2	32.6	118	42.3	126	43.3	126	43.4	126	43.4	127	43.5	127	43.5
		39	99.2	34.7	115	42.9	117	44.1	118	44.6	119	44.6	121	44.7	123	44.7
110	1,210	10	90.9	16.0	108	19.4	126	23.1	135	25.0	144	26.8	161	28.5	164	27.5
		12	90.9	16.3	108	19.8	126	23.5	135	25.4	144	27.4	159	28.4	162	27.3
		14	90.9	16.5	108	20.2	126	24.0	135	25.9	144	27.9	157	28.2	160	27.3
		16	90.9	16.9	108	20.6	126	24.4	135	26.4	144	28.4	155	28.6	158	28.8
		18	90.9	17.2	108	21.0	126	24.9	135	27.1	144	29.8	152	30.0	156	30.3
		20	90.9	17.5	108	21.4	126	26.4	135	29.2	144	31.2	150	31.5	154	31.8
		21	90.9	17.7	108	22.0	126	27.4	135	30.2	144	32.0	149	32.2	153	32.5
		23	90.9	18.5	108	23.6	126	29.3	135	32.4	144	33.4	147	33.7	151	34.0
		25	90.9	19.8	108	25.2	126	31.4	135	34.7	142	34.9	145	35.2	148	35.5
		27	90.9	21.1	108	27.0	126	33.6	135	36.2	140	36.4	143	36.7	146	37.0
		29	90.9	22.5	108	28.8	126	35.9	135	37.7	138	37.8	141	38.2	143	38.3
		31	90.9	23.9	108	30.7	126	38.3	134	39.1	136	39.3	138	39.6	139	39.7
		33	90.9	25.5	108	32.7	126	40.4	132	40.6	134	40.8	135	40.9	135	41.0
		35	90.9	27.1	108	34.9	126	41.9	130	42.1	130	42.1	131	42.2	131	42.2
		37	90.9	28.8	108	37.1	126	43.3	126	43.4	126	43.4	127	43.5	127	43.5
		39	90.9	30.6	108	39.5	117	44.1	118	44.6	119	44.6	121	44.7	123	44.7
100	1,100	10	82.7	14.4	98.6	17.5	115	20.7	123	22.4	130	24.0	146	27.5	161	28.4
		12	82.7	14.7	98.6	17.8	115	21.1	123	22.8	130	24.5	146	28.0	159	28.3
		14	82.7	14.9	98.6	18.1	115	21.5	123	23.2	130	25.0	146	28.5	157	28.1
		16	82.7	15.2	98.6	18.5	115	21.9	123	23.7	130	25.5	146	28.9	155	28.6
		18	82.7	15.5	98.6	18.8	115	22.3	123	24.1	130	26.0	146	29.8	153	30.1
		20	82.7	15.8	98.6	19.2	115	23.0	123	25.3	130	27.8	146	31.3	151	31.5
		21	82.7	15.9	98.6	19.4	115	23.8	123	26.2	130	28.8	146	32.0	150	32.3
		23	82.7	16.3	98.6	20.7	115	25.5	123	28.1	130	30.9	145	33.5	147	33.7
		25	82.7	17.4	98.6	22.1	115	27.3	123	30.1	130	33.1	142	34.9	145	35.2
		27	82.7	18.6	98.6	23.6	115	29.2	123	32.2	130	35.4	140	36.4	143	36.7
		29	82.7	19.8	98.6	25.1	115	31.1	123	34.4	130	37.6	138	37.9	141	38.2
		31	82.7	21.0	98.6	26.8	115	33.2	123	36.7	130	39.0	136	39.4	139	39.7
		33	82.7	22.4	98.6	28.5	115	35.4	123	39.2	130	40.5	134	40.8	135	41.0
		35	82.7	23.8	98.6	30.4	115	37.8	123	41.8	129	42.0	131	42.2	131	42.2
		37	82.7	25.3	98.6	32.3	115	40.2	123	43.3	126	43.4	127	43.5	127	43.5
		39	82.7	26.8	98.6	34.4	115	42.9	118	44.6	119	44.6	121	44.7	123	44.7

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	990	10	74.4	12.9	88.7	15.5	103	18.4	110	19.8	117	21.3	132	24.3	146	27.4
		12	74.4	13.1	88.7	15.8	103	18.7	110	20.2	117	21.7	132	24.8	146	27.9
		14	74.4	13.3	88.7	16.1	103	19.0	110	20.6	117	22.1	132	25.3	146	28.5
		16	74.4	13.6	88.7	16.4	103	19.4	110	21.0	117	22.5	132	25.7	146	28.9
		18	74.4	13.8	88.7	16.7	103	19.8	110	21.4	117	23.0	132	26.3	146	29.8
		20	74.4	14.1	88.7	17.0	103	20.2	110	21.8	117	23.8	132	28.2	146	31.3
		21	74.4	14.2	88.7	17.2	103	20.5	110	22.6	117	24.7	132	29.2	146	32.0
		23	74.4	14.5	88.7	17.9	103	22.0	110	24.2	117	26.4	132	31.3	144	33.5
		25	74.4	15.2	88.7	19.1	103	23.5	110	25.8	117	28.3	132	33.6	142	34.9
		27	74.4	16.2	88.7	20.4	103	25.1	110	27.6	117	30.2	132	35.9	140	36.4
		29	74.4	17.3	88.7	21.7	103	26.8	110	29.5	117	32.3	132	37.6	138	37.9
		31	74.4	18.4	88.7	23.1	103	28.5	110	31.4	117	34.5	132	39.1	136	39.4
		33	74.4	19.5	88.7	24.6	103	30.4	110	33.5	117	36.8	131	40.5	134	40.8
		35	74.4	20.7	88.7	26.2	103	32.4	110	35.7	117	39.2	129	42.0	131	42.2
		37	74.4	22.0	88.7	27.8	103	34.5	110	38.0	117	41.8	127	43.5	127	43.5
		39	74.4	23.3	88.7	29.6	103	36.7	110	40.5	117	44.5	121	44.7	123	44.7
80	880	10	66.1	11.4	78.9	13.7	91.6	16.1	98.0	17.3	104	18.6	117	21.2	130	23.9
		12	66.1	11.6	78.9	13.9	91.6	16.4	98.0	17.7	104	19.0	117	21.6	130	24.4
		14	66.1	11.8	78.9	14.2	91.6	16.7	98.0	18.0	104	19.3	117	22.0	130	24.8
		16	66.1	12.0	78.9	14.4	91.6	17.0	98.0	18.3	104	19.7	117	22.5	130	25.3
		18	66.1	12.2	78.9	14.7	91.6	17.3	98.0	18.7	104	20.1	117	22.9	130	25.8
		20	66.1	12.4	78.9	15.0	91.6	17.7	98.0	19.0	104	20.5	117	23.7	130	27.6
		21	66.1	12.6	78.9	15.1	91.6	17.8	98.0	19.2	104	20.9	117	24.6	130	28.6
		23	66.1	12.8	78.9	15.4	91.6	18.7	98.0	20.5	104	22.4	117	26.3	130	30.7
		25	66.1	13.2	78.9	16.4	91.6	20.0	98.0	21.9	104	23.9	117	28.2	130	32.8
		27	66.1	14.0	78.9	17.5	91.6	21.3	98.0	23.4	104	25.5	117	30.1	130	35.1
		29	66.1	14.9	78.9	18.6	91.6	22.7	98.0	24.9	104	27.2	117	32.2	130	37.6
		31	66.1	15.8	78.9	19.8	91.6	24.2	98.0	26.6	104	29.0	117	34.3	130	39.0
		33	66.1	16.8	78.9	21.0	91.6	25.7	98.0	28.3	104	30.9	117	36.6	130	40.5
		35	66.1	17.8	78.9	22.3	91.6	27.4	98.0	30.1	104	33.0	117	39.1	129	42.0
		37	66.1	18.9	78.9	23.7	91.6	29.1	98.0	32.0	104	35.1	117	41.6	127	43.4
		39	66.1	20.0	78.9	25.2	91.6	31.0	98.0	34.1	104	37.3	117	44.3	123	44.7
70	770	10	57.9	10.1	69.0	11.9	80.2	13.9	85.8	15.0	91.3	16.0	102	18.2	114	20.5
		12	57.9	10.2	69.0	12.1	80.2	14.2	85.8	15.2	91.3	16.3	102	18.6	114	20.9
		14	57.9	10.4	69.0	12.3	80.2	14.4	85.8	15.5	91.3	16.6	102	18.9	114	21.3
		16	57.9	10.5	69.0	12.6	80.2	14.7	85.8	15.8	91.3	16.9	102	19.3	114	21.7
		18	57.9	10.7	69.0	12.8	80.2	15.0	85.8	16.1	91.3	17.3	102	19.7	114	22.1
		20	57.9	10.9	69.0	13.0	80.2	15.2	85.8	16.4	91.3	17.6	102	20.0	114	22.7
		21	57.9	11.0	69.0	13.1	80.2	15.4	85.8	16.6	91.3	17.8	102	20.4	114	23.5
		23	57.9	11.2	69.0	13.4	80.2	15.7	85.8	17.1	91.3	18.6	102	21.8	114	25.2
		25	57.9	11.4	69.0	13.9	80.2	16.7	85.8	18.3	91.3	19.9	102	23.3	114	27.0
		27	57.9	12.0	69.0	14.8	80.2	17.8	85.8	19.5	91.3	21.2	102	24.9	114	28.8
		29	57.9	12.8	69.0	15.7	80.2	19.0	85.8	20.8	91.3	22.6	102	26.5	114	30.8
		31	57.9	13.5	69.0	16.7	80.2	20.2	85.8	22.1	91.3	24.1	102	28.3	114	32.8
		33	57.9	14.3	69.0	17.7	80.2	21.5	85.8	23.5	91.3	25.6	102	30.1	114	35.0
		35	57.9	15.2	69.0	18.8	80.2	22.8	85.8	25.0	91.3	27.3	102	32.1	114	37.3
		37	57.9	16.1	69.0	19.9	80.2	24.2	85.8	26.6	91.3	29.0	102	34.2	114	39.8
		39	57.9	17.0	69.0	21.1	80.2	25.7	85.8	28.2	91.3	30.8	102	36.4	114	42.4
60	660	10	49.6	8.75	59.2	10.3	68.7	11.9	73.5	12.7	78.3	13.6	87.8	15.4	97.4	17.2
		12	49.6	8.88	59.2	10.4	68.7	12.1	73.5	12.9	78.3	13.8	87.8	15.6	97.4	17.5
		14	49.6	9.01	59.2	10.6	68.7	12.3	73.5	13.2	78.3	14.1	87.8	15.9	97.4	17.9
		16	49.6	9.14	59.2	10.8	68.7	12.5	73.5	13.4	78.3	14.3	87.8	16.2	97.4	18.2
		18	49.6	9.28	59.2	10.9	68.7	12.7	73.5	13.6	78.3	14.6	87.8	16.5	97.4	18.6
		20	49.6	9.43	59.2	11.1	68.7	12.9	73.5	13.9	78.3	14.9	87.8	16.8	97.4	18.9
		21	49.6	9.50	59.2	11.2	68.7	13.1	73.5	14.0	78.3	15.0	87.8	17.0	97.4	19.1
		23	49.6	9.66	59.2	11.4	68.7	13.3	73.5	14.3	78.3	15.3	87.8	17.7	97.4	20.3
		25	49.6	9.82	59.2	11.6	68.7	13.8	73.5	15.0	78.3	16.2	87.8	18.9	97.4	21.7
		27	49.6	10.2	59.2	12.3	68.7	14.7	73.5	16.0	78.3	17.3	87.8	20.1	97.4	23.2
		29	49.6	10.8	59.2	13.1	68.7	15.6	73.5	17.0	78.3	18.4	87.8	21.4	97.4	24.7
		31	49.6	11.4	59.2	13.9	68.7	16.6	73.5	18.1	78.3	19.6	87.8	22.8	97.4	26.3
		33	49.6	12.1	59.2	14.7	68.7	17.6	73.5	19.2	78.3	20.8	87.8	24.3	97.4	28.0
		35	49.6	12.8	59.2	15.6	68.7	18.7	73.5	20.4	78.3	22.1	87.8	25.8	97.4	29.8
		37	49.6	13.5	59.2	16.5	68.7	19.8	73.5	21.6	78.3	23.5	87.8	27.5	97.4	31.7
		39	49.6	14.3	59.2	17.5	68.7	21.0	73.5	22.9	78.3	24.9	87.8	29.2	97.4	33.8

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	550	10	41.3	7.52	49.3	8.71	57.3	10.0	61.3	10.6	65.2	11.3	73.2	12.7	81.2	14.1
		12	41.3	7.62	49.3	8.83	57.3	10.1	61.3	10.8	65.2	11.5	73.2	12.9	81.2	14.4
		14	41.3	7.72	49.3	8.96	57.3	10.3	61.3	11.0	65.2	11.7	73.2	13.1	81.2	14.6
		16	41.3	7.82	49.3	9.09	57.3	10.4	61.3	11.1	65.2	11.9	73.2	13.3	81.2	14.9
		18	41.3	7.93	49.3	9.23	57.3	10.6	61.3	11.3	65.2	12.1	73.2	13.6	81.2	15.2
		20	41.3	8.05	49.3	9.37	57.3	10.8	61.3	11.5	65.2	12.3	73.2	13.8	81.2	15.4
		21	41.3	8.11	49.3	9.45	57.3	10.9	61.3	11.6	65.2	12.4	73.2	14.0	81.2	15.6
		23	41.3	8.23	49.3	9.60	57.3	11.1	61.3	11.8	65.2	12.6	73.2	14.2	81.2	15.9
		25	41.3	8.35	49.3	9.76	57.3	11.3	61.3	12.1	65.2	13.0	73.2	14.9	81.2	17.0
		27	41.3	8.49	49.3	10.1	57.3	11.9	61.3	12.8	65.2	13.8	73.2	15.9	81.2	18.1
		29	41.3	8.98	49.3	10.7	57.3	12.6	61.3	13.6	65.2	14.7	73.2	16.9	81.2	19.3
		31	41.3	9.49	49.3	11.3	57.3	13.4	61.3	14.5	65.2	15.6	73.2	18.0	81.2	20.5
		33	41.3	10.0	49.3	12.0	57.3	14.2	61.3	15.3	65.2	16.5	73.2	19.1	81.2	21.8
		35	41.3	10.6	49.3	12.7	57.3	15.0	61.3	16.2	65.2	17.5	73.2	20.3	81.2	23.2
		37	41.3	11.1	49.3	13.4	57.3	15.9	61.3	17.2	65.2	18.6	73.2	21.5	81.2	24.6
		39	41.3	11.8	49.3	14.2	57.3	16.8	61.3	18.2	65.2	19.7	73.2	22.8	81.2	26.2

PA-46MX3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	1,495	10	113	20.9	135	25.6	157	30.5	168	31.1	171	30.5	175	29.2	179	27.9
		12	113	21.3	135	26.1	157	31.1	167	31.0	169	30.3	173	29.0	177	28.6
		14	113	21.7	135	26.6	157	31.5	165	30.8	167	30.2	171	29.9	175	30.2
		16	113	22.2	135	27.2	157	31.3	162	31.1	164	31.2	169	31.5	173	31.8
		18	113	22.6	135	27.7	157	32.5	160	32.7	162	32.8	166	33.2	170	33.5
		20	113	23.0	135	29.5	156	34.1	158	34.3	160	34.4	164	34.8	168	35.1
		21	113	23.7	135	30.6	155	34.9	157	35.1	159	35.2	163	35.6	166	35.9
		23	113	25.4	135	32.8	153	36.5	155	36.7	157	36.9	161	37.2	162	37.4
		25	113	27.1	135	35.1	150	38.1	153	38.3	155	38.5	158	38.8	158	38.8
		27	113	29.0	135	37.5	148	39.7	150	39.9	152	40.1	154	40.3	154	40.3
		29	113	30.9	135	40.1	146	41.3	148	41.5	149	41.7	150	41.7	150	41.7
		31	113	33.0	135	42.4	144	42.9	145	43.1	145	43.1	146	43.1	146	43.2
		33	113	35.1	135	44.0	141	44.4	141	44.5	141	44.5	142	44.5	142	44.6
		35	113	37.4	135	45.6	137	45.8	137	45.9	137	45.9	138	45.9	138	46.0
		37	113	39.9	131	47.1	133	47.2	133	47.2	133	47.3	134	47.3	134	47.4
		39	113	42.4	121	46.7	123	48.0	124	48.6	125	48.6	127	48.7	129	48.7
120	1,380	10	104	19.1	125	23.4	145	27.8	155	30.1	165	31.3	172	30.1	176	28.9
		12	104	19.5	125	23.8	145	28.3	155	30.6	165	31.2	170	30.0	174	28.7
		14	104	19.9	125	24.3	145	28.9	155	31.2	164	31.0	168	29.8	172	30.0
		16	104	20.2	125	24.7	145	29.4	155	31.4	162	31.1	166	31.3	169	31.6
		18	104	20.6	125	25.2	145	30.4	155	32.5	160	32.6	163	32.9	167	33.2
		20	104	21.0	125	26.2	145	32.7	155	34.1	157	34.2	161	34.5	165	34.9
		21	104	21.2	125	27.2	145	33.9	154	34.9	156	35.0	160	35.3	164	35.7
		23	104	22.7	125	29.1	145	36.3	152	36.5	154	36.6	158	37.0	162	37.3
		25	104	24.2	125	31.2	145	37.9	150	38.0	152	38.2	156	38.6	158	38.8
		27	104	25.9	125	33.3	145	39.5	148	39.6	150	39.8	154	40.2	154	40.3
		29	104	27.6	125	35.6	144	41.1	146	41.3	148	41.5	150	41.7	150	41.7
		31	104	29.4	125	38.0	142	42.7	143	42.9	145	43.1	146	43.1	146	43.2
		33	104	31.3	125	40.5	139	44.3	141	44.5	141	44.5	142	44.5	142	44.6
		35	104	33.4	125	43.2	137	45.8	137	45.9	137	45.9	138	45.9	138	46.0
		37	104	35.5	125	46.0	133	47.2	133	47.2	133	47.3	134	47.3	134	47.4
		39	104	37.8	121	46.7	123	48.0	124	48.6	125	48.6	127	48.7	129	48.7
110	1,265	10	95.8	17.4	114	21.2	133	25.1	142	27.2	151	29.2	169	31.0	173	30.0
		12	95.8	17.7	114	21.6	133	25.6	142	27.7	151	29.8	167	30.9	171	29.8
		14	95.8	18.0	114	22.0	133	26.1	142	28.2	151	30.4	165	30.7	168	29.8
		16	95.8	18.4	114	22.4	133	26.6	142	28.8	151	30.9	163	31.1	166	31.4
		18	95.8	18.7	114	22.8	133	27.1	142	29.6	151	32.4	161	32.7	164	33.0
		20	95.8	19.1	114	23.3	133	28.8	142	31.8	151	34.0	158	34.3	162	34.6
		21	95.8	19.3	114	24.0	133	29.8	142	32.9	151	34.8	157	35.1	161	35.4
		23	95.8	20.2	114	25.7	133	31.9	142	35.3	151	36.4	155	36.7	159	37.0
		25	95.8	21.5	114	27.5	133	34.2	142	37.8	149	38.0	153	38.3	156	38.7
		27	95.8	23.0	114	29.4	133	36.6	142	39.4	147	39.6	151	39.9	154	40.3
		29	95.8	24.5	114	31.3	133	39.1	142	41.0	145	41.2	148	41.6	150	41.7
		31	95.8	26.1	114	33.4	133	41.7	141	42.6	143	42.8	146	43.1	146	43.2
		33	95.8	27.7	114	35.6	133	44.0	139	44.2	141	44.4	142	44.5	142	44.6
		35	95.8	29.5	114	37.9	133	45.6	137	45.8	137	45.9	138	45.9	138	46.0
		37	95.8	31.4	114	40.4	133	47.2	133	47.2	133	47.3	134	47.3	134	47.4
		39	95.8	33.3	114	43.0	123	48.0	124	48.6	125	48.6	127	48.7	129	48.7
100	1,150	10	87.1	15.7	104	19.0	121	22.5	129	24.3	137	26.2	154	29.9	170	31.0
		12	87.1	16.0	104	19.4	121	22.9	129	24.8	137	26.7	154	30.5	167	30.8
		14	87.1	16.2	104	19.7	121	23.4	129	25.3	137	27.2	154	31.1	165	30.6
		16	87.1	16.5	104	20.1	121	23.8	129	25.8	137	27.7	154	31.5	163	31.1
		18	87.1	16.8	104	20.5	121	24.3	129	26.3	137	28.3	154	32.5	161	32.7
		20	87.1	17.2	104	20.9	121	25.0	129	27.6	137	30.3	154	34.1	159	34.3
		21	87.1	17.3	104	21.1	121	25.9	129	28.6	137	31.4	154	34.9	158	35.1
		23	87.1	17.8	104	22.5	121	27.8	129	30.6	137	33.6	152	36.4	155	36.7
		25	87.1	19.0	104	24.0	121	29.7	129	32.8	137	36.0	150	38.0	153	38.3
		27	87.1	20.2	104	25.7	121	31.8	129	35.1	137	38.5	148	39.6	151	40.0
		29	87.1	21.5	104	27.4	121	33.9	129	37.5	137	40.9	146	41.2	149	41.6
		31	87.1	22.9	104	29.2	121	36.2	129	40.0	137	42.5	143	42.9	146	43.2
		33	87.1	24.4	104	31.1	121	38.6	129	42.7	137	44.1	141	44.5	142	44.6
		35	87.1	25.9	104	33.1	121	41.1	129	45.5	136	45.7	138	45.9	138	46.0
		37	87.1	27.5	104	35.2	121	43.8	129	47.1	133	47.3	134	47.3	134	47.4
		39	87.1	29.2	104	37.4	121	46.7	124	48.6	125	48.6	127	48.7	129	48.7

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	1,035	10	78.4	14.0	93.5	16.9	109	20.0	116	21.6	124	23.2	139	26.5	154	29.8
		12	78.4	14.3	93.5	17.2	109	20.4	116	22.0	124	23.6	139	27.0	154	30.4
		14	78.4	14.5	93.5	17.5	109	20.7	116	22.4	124	24.1	139	27.5	154	31.0
		16	78.4	14.8	93.5	17.9	109	21.1	116	22.8	124	24.5	139	28.0	154	31.5
		18	78.4	15.0	93.5	18.2	109	21.5	116	23.3	124	25.0	139	28.6	154	32.5
		20	78.4	15.3	93.5	18.6	109	22.0	116	23.7	124	25.9	139	30.7	154	34.1
		21	78.4	15.5	93.5	18.7	109	22.3	116	24.6	124	26.9	139	31.8	154	34.8
		23	78.4	15.8	93.5	19.5	109	23.9	116	26.3	124	28.8	139	34.1	152	36.4
		25	78.4	16.6	93.5	20.8	109	25.6	116	28.1	124	30.8	139	36.5	150	38.0
		27	78.4	17.7	93.5	22.2	109	27.3	116	30.1	124	32.9	139	39.1	148	39.6
		29	78.4	18.8	93.5	23.7	109	29.1	116	32.1	124	35.2	139	40.9	146	41.2
		31	78.4	20.0	93.5	25.2	109	31.1	116	34.2	124	37.5	139	42.5	143	42.8
		33	78.4	21.2	93.5	26.8	109	33.1	116	36.5	124	40.0	138	44.1	141	44.5
		35	78.4	22.5	93.5	28.5	109	35.2	116	38.9	124	42.7	136	45.7	138	46.0
		37	78.4	23.9	93.5	30.3	109	37.5	116	41.4	124	45.5	134	47.3	134	47.4
		39	78.4	25.4	93.5	32.2	109	39.9	116	44.1	124	48.5	127	48.7	129	48.7
80	920	10	69.6	12.5	83.1	14.9	96.5	17.5	103	18.9	110	20.3	123	23.1	137	26.0
		12	69.6	12.7	83.1	15.2	96.5	17.8	103	19.2	110	20.6	123	23.5	137	26.5
		14	69.6	12.9	83.1	15.4	96.5	18.2	103	19.6	110	21.0	123	24.0	137	27.0
		16	69.6	13.1	83.1	15.7	96.5	18.5	103	20.0	110	21.4	123	24.5	137	27.6
		18	69.6	13.3	83.1	16.0	96.5	18.9	103	20.3	110	21.8	123	24.9	137	28.1
		20	69.6	13.5	83.1	16.3	96.5	19.2	103	20.7	110	22.3	123	25.9	137	30.1
		21	69.6	13.7	83.1	16.5	96.5	19.4	103	20.9	110	22.7	123	26.8	137	31.1
		23	69.6	13.9	83.1	16.8	96.5	20.4	103	22.3	110	24.3	123	28.7	137	33.4
		25	69.6	14.4	83.1	17.9	96.5	21.7	103	23.8	110	26.0	123	30.7	137	35.8
		27	69.6	15.3	83.1	19.0	96.5	23.2	103	25.4	110	27.8	123	32.8	137	38.3
		29	69.6	16.2	83.1	20.3	96.5	24.7	103	27.1	110	29.7	123	35.0	137	40.9
		31	69.6	17.3	83.1	21.5	96.5	26.3	103	28.9	110	31.6	123	37.4	137	42.5
		33	69.6	18.3	83.1	22.9	96.5	28.0	103	30.8	110	33.7	123	39.9	137	44.1
		35	69.6	19.4	83.1	24.3	96.5	29.8	103	32.8	110	35.9	123	42.5	136	45.7
		37	69.6	20.6	83.1	25.8	96.5	31.7	103	34.9	110	38.2	123	45.3	133	47.3
		39	69.6	21.8	83.1	27.4	96.5	33.7	103	37.1	110	40.7	123	48.3	129	48.7
70	805	10	60.9	11.0	72.7	13.0	84.4	15.2	90.3	16.3	96.2	17.5	108	19.9	120	22.3
		12	60.9	11.1	72.7	13.2	84.4	15.4	90.3	16.6	96.2	17.8	108	20.2	120	22.7
		14	60.9	11.3	72.7	13.4	84.4	15.7	90.3	16.9	96.2	18.1	108	20.6	120	23.2
		16	60.9	11.5	72.7	13.7	84.4	16.0	90.3	17.2	96.2	18.4	108	21.0	120	23.6
		18	60.9	11.7	72.7	13.9	84.4	16.3	90.3	17.5	96.2	18.8	108	21.4	120	24.1
		20	60.9	11.9	72.7	14.2	84.4	16.6	90.3	17.9	96.2	19.2	108	21.8	120	24.8
		21	60.9	12.0	72.7	14.3	84.4	16.8	90.3	18.0	96.2	19.3	108	22.2	120	25.6
		23	60.9	12.2	72.7	14.6	84.4	17.1	90.3	18.6	96.2	20.3	108	23.7	120	27.5
		25	60.9	12.4	72.7	15.1	84.4	18.2	90.3	19.9	96.2	21.6	108	25.4	120	29.4
		27	60.9	13.1	72.7	16.1	84.4	19.4	90.3	21.2	96.2	23.1	108	27.1	120	31.4
		29	60.9	13.9	72.7	17.1	84.4	20.7	90.3	22.6	96.2	24.6	108	28.9	120	33.5
		31	60.9	14.7	72.7	18.2	84.4	22.0	90.3	24.1	96.2	26.2	108	30.8	120	35.8
		33	60.9	15.6	72.7	19.3	84.4	23.4	90.3	25.6	96.2	27.9	108	32.8	120	38.1
		35	60.9	16.5	72.7	20.5	84.4	24.9	90.3	27.2	96.2	29.7	108	34.9	120	40.6
		37	60.9	17.5	72.7	21.7	84.4	26.4	90.3	28.9	96.2	31.6	108	37.2	120	43.3
		39	60.9	18.5	72.7	23.0	84.4	28.0	90.3	30.7	96.2	33.5	108	39.6	120	46.1
60	690	10	52.2	9.53	62.3	11.2	72.4	12.9	77.4	13.9	82.4	14.8	92.5	16.7	103	18.8
		12	52.2	9.66	62.3	11.4	72.4	13.2	77.4	14.1	82.4	15.1	92.5	17.0	103	19.1
		14	52.2	9.81	62.3	11.5	72.4	13.4	77.4	14.3	82.4	15.3	92.5	17.3	103	19.4
		16	52.2	9.95	62.3	11.7	72.4	13.6	77.4	14.6	82.4	15.6	92.5	17.7	103	19.8
		18	52.2	10.1	62.3	11.9	72.4	13.8	77.4	14.8	82.4	15.9	92.5	18.0	103	20.2
		20	52.2	10.3	62.3	12.1	72.4	14.1	77.4	15.1	82.4	16.2	92.5	18.3	103	20.6
		21	52.2	10.3	62.3	12.2	72.4	14.2	77.4	15.3	82.4	16.3	92.5	18.5	103	20.8
		23	52.2	10.5	62.3	12.4	72.4	14.5	77.4	15.5	82.4	16.6	92.5	19.2	103	22.1
		25	52.2	10.7	62.3	12.7	72.4	15.0	77.4	16.3	82.4	17.7	92.5	20.5	103	23.6
		27	52.2	11.1	62.3	13.4	72.4	16.0	77.4	17.4	82.4	18.8	92.5	21.9	103	25.2
		29	52.2	11.7	62.3	14.3	72.4	17.0	77.4	18.5	82.4	20.1	92.5	23.3	103	26.9
		31	52.2	12.4	62.3	15.1	72.4	18.1	77.4	19.7	82.4	21.3	92.5	24.9	103	28.7
		33	52.2	13.1	62.3	16.0	72.4	19.2	77.4	20.9	82.4	22.7	92.5	26.4	103	30.5
		35	52.2	13.9	62.3	17.0	72.4	20.4	77.4	22.2	82.4	24.1	92.5	28.1	103	32.5
		37	52.2	14.7	62.3	18.0	72.4	21.6	77.4	23.5	82.4	25.6	92.5	29.9	103	34.6
		39	52.2	15.5	62.3	19.0	72.4	22.9	77.4	25.0	82.4	27.1	92.5	31.8	103	36.8

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	575	10	43.5	8.19	51.9	9.48	60.3	10.8	64.5	11.6	68.7	12.3	77.1	13.8	85.5	15.4
		12	43.5	8.30	51.9	9.61	60.3	11.0	64.5	11.7	68.7	12.5	77.1	14.0	85.5	15.6
		14	43.5	8.41	51.9	9.75	60.3	11.2	64.5	11.9	68.7	12.7	77.1	14.3	85.5	15.9
		16	43.5	8.52	51.9	9.90	60.3	11.4	64.5	12.1	68.7	12.9	77.1	14.5	85.5	16.2
		18	43.5	8.64	51.9	10.0	60.3	11.5	64.5	12.3	68.7	13.1	77.1	14.8	85.5	16.5
		20	43.5	8.76	51.9	10.2	60.3	11.7	64.5	12.5	68.7	13.4	77.1	15.1	85.5	16.8
		21	43.5	8.83	51.9	10.3	60.3	11.8	64.5	12.6	68.7	13.5	77.1	15.2	85.5	17.0
		23	43.5	8.96	51.9	10.5	60.3	12.0	64.5	12.9	68.7	13.7	77.1	15.5	85.5	17.4
		25	43.5	9.09	51.9	10.6	60.3	12.3	64.5	13.1	68.7	14.1	77.1	16.3	85.5	18.5
		27	43.5	9.24	51.9	11.0	60.3	12.9	64.5	14.0	68.7	15.0	77.1	17.3	85.5	19.7
		29	43.5	9.77	51.9	11.7	60.3	13.7	64.5	14.8	68.7	16.0	77.1	18.4	85.5	21.0
		31	43.5	10.3	51.9	12.3	60.3	14.6	64.5	15.7	68.7	17.0	77.1	19.6	85.5	22.4
		33	43.5	10.9	51.9	13.1	60.3	15.4	64.5	16.7	68.7	18.0	77.1	20.8	85.5	23.8
		35	43.5	11.5	51.9	13.8	60.3	16.3	64.5	17.7	68.7	19.1	77.1	22.1	85.5	25.3
		37	43.5	12.1	51.9	14.6	60.3	17.3	64.5	18.7	68.7	20.2	77.1	23.4	85.5	26.8
		39	43.5	12.8	51.9	15.4	60.3	18.3	64.5	19.8	68.7	21.4	77.1	24.8	85.5	28.5

PA-48MX3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130	1,560	10	117	21.6	140	26.4	162	31.4	174	32.1	177	31.4	181	30.1	185	28.7
		12	117	22.0	140	26.9	162	32.0	173	31.9	175	31.2	179	29.9	183	29.4
		14	117	22.4	140	27.4	162	32.4	170	31.7	172	31.1	177	30.8	181	31.1
		16	117	22.8	140	28.0	162	32.3	168	32.0	170	32.2	174	32.5	179	32.8
		18	117	23.3	140	28.5	162	33.5	166	33.7	168	33.8	172	34.1	176	34.5
		20	117	23.7	140	30.4	161	35.1	164	35.3	166	35.5	170	35.8	173	36.1
		21	117	24.4	140	31.5	160	35.9	162	36.1	164	36.3	169	36.7	171	36.9
		23	117	26.1	140	33.7	158	37.6	160	37.8	162	38.0	166	38.3	167	38.4
		25	117	27.9	140	36.1	156	39.2	158	39.4	160	39.6	163	39.9	163	39.9
		27	117	29.8	140	38.6	153	40.9	156	41.1	158	41.3	158	41.4	159	41.4
		29	117	31.8	140	41.3	151	42.5	153	42.8	154	42.8	154	42.8	155	42.9
		31	117	34.0	140	43.7	149	44.2	149	44.2	149	44.3	150	44.3	150	44.4
		33	117	36.2	140	45.4	145	45.7	145	45.7	145	45.7	146	45.8	146	45.8
		35	117	38.6	140	47.0	141	47.1	141	47.1	141	47.1	141	47.2	142	47.2
		37	117	41.1	130	48.0	132	48.5	134	48.5	135	48.5	137	48.6	138	48.7
		39	117	43.7	120	45.2	122	46.5	123	47.1	124	47.8	127	49.1	129	50.0
120	1,440	10	108	19.7	129	24.1	150	28.6	160	31.0	171	32.2	178	31.0	182	29.8
		12	108	20.1	129	24.5	150	29.2	160	31.5	171	32.1	176	30.9	180	29.6
		14	108	20.4	129	25.0	150	29.7	160	32.1	170	31.9	174	30.7	178	30.9
		16	108	20.8	129	25.5	150	30.3	160	32.4	168	32.0	171	32.3	175	32.5
		18	108	21.2	129	26.0	150	31.4	160	33.5	165	33.6	169	33.9	173	34.2
		20	108	21.7	129	27.0	150	33.7	160	35.1	163	35.3	167	35.6	171	35.9
		21	108	21.9	129	28.0	150	34.9	160	35.9	162	36.1	166	36.4	170	36.7
		23	108	23.4	129	30.0	150	37.4	158	37.5	160	37.7	163	38.1	167	38.4
		25	108	25.0	129	32.1	150	39.0	155	39.2	157	39.4	161	39.7	163	39.9
		27	108	26.6	129	34.3	150	40.6	153	40.8	155	41.0	158	41.4	159	41.4
		29	108	28.4	129	36.6	149	42.3	151	42.5	153	42.7	154	42.8	155	42.9
		31	108	30.3	129	39.1	147	43.9	148	44.2	149	44.3	150	44.3	150	44.4
		33	108	32.3	129	41.7	144	45.6	145	45.7	145	45.7	146	45.8	146	45.8
		35	108	34.3	129	44.5	141	47.1	141	47.1	141	47.1	141	47.2	142	47.2
		37	108	36.6	129	47.4	132	48.5	134	48.5	135	48.5	137	48.6	138	48.7
		39	108	38.9	120	45.2	122	46.5	123	47.1	124	47.8	127	49.1	129	50.0
110	1,320	10	99.1	17.9	118	21.8	137	25.9	147	28.0	156	30.1	175	32.0	179	30.9
		12	99.1	18.2	118	22.2	137	26.4	147	28.5	156	30.7	173	31.8	177	30.7
		14	99.1	18.6	118	22.6	137	26.9	147	29.1	156	31.3	171	31.6	174	30.7
		16	99.1	18.9	118	23.1	137	27.4	147	29.6	156	31.9	168	32.0	172	32.3
		18	99.1	19.3	118	23.5	137	28.0	147	30.4	156	33.4	166	33.7	170	34.0
		20	99.1	19.6	118	24.0	137	29.6	147	32.7	156	35.0	164	35.3	167	35.6
		21	99.1	19.8	118	24.7	137	30.7	147	33.9	156	35.8	163	36.2	166	36.5
		23	99.1	20.8	118	26.5	137	32.9	147	36.4	156	37.5	160	37.8	164	38.1
		25	99.1	22.2	118	28.3	137	35.2	147	38.9	155	39.1	158	39.5	162	39.8
		27	99.1	23.6	118	30.2	137	37.6	147	40.6	152	40.8	156	41.1	159	41.4
		29	99.1	25.2	118	32.3	137	40.2	147	42.2	150	42.4	154	42.8	155	42.9
		31	99.1	26.8	118	34.4	137	43.0	146	43.9	148	44.1	150	44.3	150	44.4
		33	99.1	28.6	118	36.7	137	45.3	144	45.5	145	45.7	146	45.8	146	45.8
		35	99.1	30.4	118	39.1	137	47.0	141	47.1	141	47.1	141	47.2	142	47.2
		37	99.1	32.3	118	41.6	132	48.5	134	48.5	135	48.5	137	48.6	138	48.7
		39	99.1	34.3	118	44.3	122	46.5	123	47.1	124	47.8	127	49.1	129	50.0
100	1,200	10	90.1	16.1	107	19.6	125	23.2	134	25.1	142	27.0	160	30.8	176	31.9
		12	90.1	16.4	107	19.9	125	23.6	134	25.5	142	27.5	160	31.4	173	31.7
		14	90.1	16.7	107	20.3	125	24.1	134	26.0	142	28.0	160	32.0	171	31.5
		16	90.1	17.0	107	20.7	125	24.5	134	26.5	142	28.5	160	32.4	169	32.1
		18	90.1	17.3	107	21.1	125	25.0	134	27.1	142	29.1	160	33.5	166	33.7
		20	90.1	17.7	107	21.5	125	25.8	134	28.4	142	31.2	160	35.1	164	35.3
		21	90.1	17.8	107	21.7	125	26.7	134	29.4	142	32.3	160	35.9	163	36.2
		23	90.1	18.3	107	23.2	125	28.6	134	31.5	142	34.6	157	37.5	161	37.8
		25	90.1	19.5	107	24.8	125	30.6	134	33.8	142	37.1	155	39.2	158	39.5
		27	90.1	20.8	107	26.4	125	32.7	134	36.1	142	39.7	153	40.8	156	41.2
		29	90.1	22.2	107	28.2	125	34.9	134	38.6	142	42.1	151	42.5	154	42.8
		31	90.1	23.6	107	30.0	125	37.3	134	41.2	142	43.8	148	44.1	150	44.4
		33	90.1	25.1	107	32.0	125	39.7	134	43.9	142	45.4	146	45.8	146	45.8
		35	90.1	26.7	107	34.1	125	42.4	134	46.9	141	47.1	141	47.2	142	47.2
		37	90.1	28.3	107	36.2	125	45.1	134	48.5	135	48.5	137	48.6	138	48.7
		39	90.1	30.1	107	38.5	122	46.5	123	47.1	124	47.8	127	49.1	129	50.0

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	1,080	10	81.1	14.5	96.7	17.4	112	20.6	120	22.2	128	23.9	144	27.3	159	30.7
		12	81.1	14.7	96.7	17.7	112	21.0	120	22.6	128	24.3	144	27.8	159	31.3
		14	81.1	15.0	96.7	18.1	112	21.4	120	23.1	128	24.8	144	28.3	159	31.9
		16	81.1	15.2	96.7	18.4	112	21.8	120	23.5	128	25.3	144	28.9	159	32.4
		18	81.1	15.5	96.7	18.7	112	22.2	120	24.0	128	25.8	144	29.4	159	33.4
		20	81.1	15.8	96.7	19.1	112	22.6	120	24.4	128	26.7	144	31.6	159	35.1
		21	81.1	15.9	96.7	19.3	112	23.0	120	25.3	128	27.7	144	32.8	159	35.9
		23	81.1	16.2	96.7	20.1	112	24.6	120	27.1	128	29.7	144	35.1	157	37.5
		25	81.1	17.1	96.7	21.5	112	26.3	120	29.0	128	31.7	144	37.6	155	39.2
		27	81.1	18.2	96.7	22.9	112	28.1	120	30.9	128	33.9	144	40.3	153	40.8
		29	81.1	19.4	96.7	24.4	112	30.0	120	33.0	128	36.2	144	42.2	151	42.5
		31	81.1	20.6	96.7	26.0	112	32.0	120	35.2	128	38.7	144	43.8	148	44.1
		33	81.1	21.9	96.7	27.6	112	34.1	120	37.6	128	41.2	143	45.4	146	45.8
		35	81.1	23.2	96.7	29.4	112	36.3	120	40.0	128	44.0	141	47.1	142	47.2
		37	81.1	24.6	96.7	31.2	112	38.6	120	42.6	128	46.8	137	48.6	138	48.7
		39	81.1	26.1	96.7	33.2	112	41.1	120	45.4	124	47.8	127	49.1	129	50.0
80	960	10	72.1	12.8	86.0	15.4	99.9	18.1	107	19.4	114	20.9	128	23.8	142	26.8
		12	72.1	13.0	86.0	15.6	99.9	18.4	107	19.8	114	21.3	128	24.2	142	27.3
		14	72.1	13.3	86.0	15.9	99.9	18.7	107	20.2	114	21.7	128	24.7	142	27.8
		16	72.1	13.5	86.0	16.2	99.9	19.1	107	20.6	114	22.1	128	25.2	142	28.4
		18	72.1	13.7	86.0	16.5	99.9	19.4	107	20.9	114	22.5	128	25.7	142	28.9
		20	72.1	14.0	86.0	16.8	99.9	19.8	107	21.4	114	22.9	128	26.6	142	31.0
		21	72.1	14.1	86.0	17.0	99.9	20.0	107	21.6	114	23.4	128	27.6	142	32.1
		23	72.1	14.3	86.0	17.3	99.9	21.0	107	23.0	114	25.1	128	29.5	142	34.4
		25	72.1	14.8	86.0	18.4	99.9	22.4	107	24.5	114	26.8	128	31.6	142	36.8
		27	72.1	15.7	86.0	19.6	99.9	23.9	107	26.2	114	28.6	128	33.8	142	39.4
		29	72.1	16.7	86.0	20.9	99.9	25.5	107	27.9	114	30.5	128	36.1	142	42.1
		31	72.1	17.8	86.0	22.2	99.9	27.1	107	29.8	114	32.6	128	38.5	142	43.8
		33	72.1	18.9	86.0	23.6	99.9	28.9	107	31.7	114	34.7	128	41.1	142	45.4
		35	72.1	20.0	86.0	25.1	99.9	30.7	107	33.8	114	37.0	128	43.8	140	47.1
		37	72.1	21.2	86.0	26.6	99.9	32.7	107	35.9	114	39.3	128	46.7	138	48.7
		39	72.1	22.5	86.0	28.2	99.9	34.7	107	38.2	114	41.9	127	49.1	129	50.0
70	840	10	63.1	11.3	75.2	13.4	87.4	15.6	93.5	16.8	99.5	18.0	112	20.4	124	23.0
		12	63.1	11.5	75.2	13.6	87.4	15.9	93.5	17.1	99.5	18.3	112	20.8	124	23.4
		14	63.1	11.6	75.2	13.8	87.4	16.2	93.5	17.4	99.5	18.6	112	21.2	124	23.9
		16	63.1	11.8	75.2	14.1	87.4	16.5	93.5	17.7	99.5	19.0	112	21.6	124	24.3
		18	63.1	12.0	75.2	14.3	87.4	16.8	93.5	18.0	99.5	19.4	112	22.0	124	24.8
		20	63.1	12.2	75.2	14.6	87.4	17.1	93.5	18.4	99.5	19.7	112	22.5	124	25.5
		21	63.1	12.3	75.2	14.7	87.4	17.3	93.5	18.6	99.5	19.9	112	22.8	124	26.4
		23	63.1	12.5	75.2	15.0	87.4	17.6	93.5	19.2	99.5	20.9	112	24.4	124	28.3
		25	63.1	12.8	75.2	15.6	87.4	18.8	93.5	20.5	99.5	22.3	112	26.1	124	30.3
		27	63.1	13.5	75.2	16.6	87.4	20.0	93.5	21.9	99.5	23.8	112	27.9	124	32.3
		29	63.1	14.3	75.2	17.6	87.4	21.3	93.5	23.3	99.5	25.3	112	29.8	124	34.5
		31	63.1	15.2	75.2	18.7	87.4	22.7	93.5	24.8	99.5	27.0	112	31.7	124	36.8
		33	63.1	16.1	75.2	19.9	87.4	24.1	93.5	26.4	99.5	28.7	112	33.8	124	39.3
		35	63.1	17.0	75.2	21.1	87.4	25.6	93.5	28.0	99.5	30.6	112	36.0	124	41.9
		37	63.1	18.0	75.2	22.4	87.4	27.2	93.5	29.8	99.5	32.5	112	38.3	124	44.6
		39	63.1	19.1	75.2	23.7	87.4	28.9	93.5	31.6	99.5	34.6	112	40.8	124	47.5
60	720	10	54.1	9.81	64.5	11.5	74.9	13.3	80.1	14.3	85.3	15.2	95.7	17.2	106	19.3
		12	54.1	9.95	64.5	11.7	74.9	13.5	80.1	14.5	85.3	15.5	95.7	17.5	106	19.7
		14	54.1	10.1	64.5	11.9	74.9	13.8	80.1	14.8	85.3	15.8	95.7	17.9	106	20.0
		16	54.1	10.2	64.5	12.1	74.9	14.0	80.1	15.0	85.3	16.1	95.7	18.2	106	20.4
		18	54.1	10.4	64.5	12.3	74.9	14.3	80.1	15.3	85.3	16.3	95.7	18.5	106	20.8
		20	54.1	10.6	64.5	12.5	74.9	14.5	80.1	15.6	85.3	16.7	95.7	18.9	106	21.2
		21	54.1	10.7	64.5	12.6	74.9	14.6	80.1	15.7	85.3	16.8	95.7	19.1	106	21.4
		23	54.1	10.8	64.5	12.8	74.9	14.9	80.1	16.0	85.3	17.1	95.7	19.8	106	22.8
		25	54.1	11.0	64.5	13.0	74.9	15.5	80.1	16.8	85.3	18.2	95.7	21.2	106	24.3
		27	54.1	11.4	64.5	13.8	74.9	16.5	80.1	17.9	85.3	19.4	95.7	22.6	106	26.0
		29	54.1	12.1	64.5	14.7	74.9	17.5	80.1	19.1	85.3	20.7	95.7	24.0	106	27.7
		31	54.1	12.8	64.5	15.6	74.9	18.6	80.1	20.3	85.3	22.0	95.7	25.6	106	29.5
		33	54.1	13.5	64.5	16.5	74.9	19.8	80.1	21.5	85.3	23.3	95.7	27.2	106	31.4
		35	54.1	14.3	64.5	17.5	74.9	21.0	80.1	22.8	85.3	24.8	95.7	29.0	106	33.5
		37	54.1	15.1	64.5	18.5	74.9	22.2	80.1	24.2	85.3	26.3	95.7	30.8	106	35.6
		39	54.1	16.0	64.5	19.6	74.9	23.6	80.1	25.7	85.3	28.0	95.7	32.7	106	37.9

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	600	10	45.0	8.44	53.7	9.76	62.4	11.2	66.8	11.9	71.1	12.7	79.8	14.2	88.5	15.8
		12	45.0	8.54	53.7	9.90	62.4	11.3	66.8	12.1	71.1	12.9	79.8	14.5	88.5	16.1
		14	45.0	8.66	53.7	10.0	62.4	11.5	66.8	12.3	71.1	13.1	79.8	14.7	88.5	16.4
		16	45.0	8.77	53.7	10.2	62.4	11.7	66.8	12.5	71.1	13.3	79.8	15.0	88.5	16.7
		18	45.0	8.90	53.7	10.3	62.4	11.9	66.8	12.7	71.1	13.5	79.8	15.2	88.5	17.0
		20	45.0	9.02	53.7	10.5	62.4	12.1	66.8	12.9	71.1	13.8	79.8	15.5	88.5	17.3
		21	45.0	9.09	53.7	10.6	62.4	12.2	66.8	13.0	71.1	13.9	79.8	15.6	88.5	17.5
		23	45.0	9.22	53.7	10.8	62.4	12.4	66.8	13.3	71.1	14.1	79.8	15.9	88.5	17.9
		25	45.0	9.37	53.7	10.9	62.4	12.6	66.8	13.5	71.1	14.6	79.8	16.7	88.5	19.1
		27	45.0	9.52	53.7	11.3	62.4	13.3	66.8	14.4	71.1	15.5	79.8	17.8	88.5	20.3
		29	45.0	10.1	53.7	12.0	62.4	14.1	66.8	15.3	71.1	16.5	79.8	19.0	88.5	21.6
		31	45.0	10.6	53.7	12.7	62.4	15.0	66.8	16.2	71.1	17.5	79.8	20.2	88.5	23.0
		33	45.0	11.2	53.7	13.5	62.4	15.9	66.8	17.2	71.1	18.5	79.8	21.4	88.5	24.5
		35	45.0	11.9	53.7	14.2	62.4	16.8	66.8	18.2	71.1	19.7	79.8	22.7	88.5	26.0
		37	45.0	12.5	53.7	15.0	62.4	17.8	66.8	19.3	71.1	20.8	79.8	24.1	88.5	27.6
		39	45.0	13.2	53.7	15.9	62.4	18.8	66.8	20.4	71.1	22.1	79.8	25.6	88.5	29.4

3.2 Heating Capacity

U-5MX3XPS

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	162.5	-19.8	-20.0	10.6	3.09	10.5	3.30	10.5	3.51	10.5	3.61	10.5	3.72	10.4	3.92
		-18.8	-19.0	10.9	3.20	10.9	3.41	10.8	3.61	10.8	3.71	10.8	3.81	10.7	4.01
		-16.7	-17.0	11.5	3.41	11.5	3.60	11.4	3.79	11.4	3.89	11.4	3.98	11.4	4.17
		-14.7	-15.0	12.1	3.60	12.1	3.78	12.1	3.96	12.1	4.05	12.0	4.14	12.0	4.32
		-12.6	-13.0	12.8	3.76	12.7	3.94	12.7	4.11	12.7	4.19	12.7	4.28	12.6	4.45
		-10.5	-11.0	13.4	3.91	13.4	4.08	13.3	4.24	13.3	4.32	13.3	4.40	13.3	4.57
		-9.5	-10.0	13.7	3.99	13.7	4.14	13.6	4.30	13.6	4.38	13.6	4.46	13.6	4.62
		-8.5	-9.1	14.0	4.05	14.0	4.20	13.9	4.36	13.9	4.44	13.9	4.51	13.9	4.67
		-7.0	-7.6	14.5	4.14	14.4	4.29	14.4	4.44	14.4	4.52	14.4	4.59	14.3	4.74
		-5.0	-5.6	15.1	4.26	15.1	4.40	15.0	4.55	15.0	4.62	15.0	4.69	14.9	4.84
		-3.0	-3.7	15.7	4.36	15.7	4.50	15.6	4.64	15.6	4.71	15.6	4.78	15.5	4.92
		0.0	-0.7	16.6	4.51	16.6	4.64	16.6	4.77	16.5	4.84	16.5	4.90	16.5	5.03
		3.0	2.2	17.5	4.64	17.5	4.76	17.5	4.89	17.5	4.95	17.4	5.01	17.4	5.14
		5.0	4.1	18.1	4.72	18.1	4.84	18.1	4.96	18.0	5.02	18.0	5.08	18.0	5.20
		7.0	6.0	18.7	4.79	18.7	4.91	18.7	5.02	18.6	5.08	18.6	5.14	18.1	5.05
		9.0	7.9	19.3	4.86	19.3	4.97	19.3	5.08	19.2	5.14	19.2	5.20	18.1	4.86
		11.0	9.8	19.9	4.92	19.9	5.03	19.9	5.14	19.8	5.20	19.5	5.10	18.1	4.68
		13.0	11.8	20.6	4.99	20.5	5.09	20.5	5.20	20.1	5.12	19.5	4.91	18.1	4.50
		15.0	13.7	21.1	5.05	21.1	5.15	20.8	5.14	20.1	4.94	19.5	4.74	18.1	4.35
120	150	-19.8	-20.0	10.5	3.37	10.5	3.56	10.5	3.76	10.4	3.85	10.4	3.95	10.4	4.14
		-18.8	-19.0	10.8	3.48	10.8	3.66	10.8	3.85	10.8	3.94	10.7	4.04	10.7	4.22
		-16.7	-17.0	11.5	3.67	11.4	3.85	11.4	4.02	11.4	4.11	11.4	4.20	11.3	4.37
		-14.7	-15.0	12.1	3.84	12.1	4.01	12.0	4.17	12.0	4.26	12.0	4.34	12.0	4.51
		-12.6	-13.0	12.7	4.00	12.7	4.15	12.7	4.31	12.6	4.39	12.6	4.47	12.6	4.63
		-10.5	-11.0	13.4	4.14	13.3	4.29	13.3	4.44	13.3	4.51	13.3	4.59	13.2	4.74
		-9.5	-10.0	13.7	4.20	13.6	4.35	13.6	4.49	13.6	4.57	13.6	4.64	13.5	4.79
		-8.5	-9.1	13.9	4.26	13.9	4.40	13.9	4.54	13.9	4.62	13.8	4.69	13.8	4.83
		-7.0	-7.6	14.4	4.34	14.4	4.48	14.4	4.62	14.3	4.69	14.3	4.76	14.3	4.90
		-5.0	-5.6	15.0	4.45	15.0	4.59	15.0	4.72	15.0	4.79	14.9	4.85	14.9	4.99
		-3.0	-3.7	15.6	4.55	15.6	4.68	15.6	4.81	15.6	4.87	15.5	4.93	15.5	5.06
		0.0	-0.7	16.6	4.69	16.5	4.81	16.5	4.93	16.5	4.99	16.5	5.05	16.4	5.17
		3.0	2.2	17.5	4.81	17.5	4.92	17.4	5.04	17.4	5.09	17.4	5.15	16.7	4.97
		5.0	4.1	18.1	4.88	18.1	4.99	18.0	5.10	18.0	5.16	18.0	5.20	16.7	4.77
		7.0	6.0	18.7	4.95	18.7	5.05	18.6	5.16	18.6	5.21	18.0	4.99	16.7	4.58
		9.0	7.9	19.3	5.01	19.2	5.11	19.2	5.21	18.6	5.01	18.0	4.80	16.7	4.41
		11.0	9.8	19.9	5.07	19.8	5.17	19.2	5.02	18.6	4.82	18.0	4.63	16.7	4.25
		13.0	11.8	20.5	5.13	20.4	5.21	19.2	4.83	18.6	4.64	18.0	4.46	16.7	4.09
		15.0	13.7	21.1	5.18	20.4	5.03	19.2	4.66	18.6	4.48	18.0	4.30	16.7	3.96
110	137.5	-19.8	-20.0	10.5	3.65	10.4	3.83	10.4	4.01	10.4	4.10	10.4	4.18	10.4	4.36
		-18.8	-19.0	10.8	3.75	10.8	3.92	10.7	4.09	10.7	4.18	10.7	4.26	10.7	4.44
		-16.7	-17.0	11.4	3.93	11.4	4.09	11.4	4.25	11.3	4.33	11.3	4.41	11.3	4.57
		-14.7	-15.0	12.0	4.08	12.0	4.24	12.0	4.39	12.0	4.47	12.0	4.54	11.9	4.70
		-12.6	-13.0	12.7	4.23	12.6	4.37	12.6	4.52	12.6	4.59	12.6	4.66	12.6	4.81
		-10.5	-11.0	13.3	4.36	13.3	4.49	13.2	4.63	13.2	4.70	13.2	4.77	13.2	4.91
		-9.5	-10.0	13.6	4.42	13.6	4.55	13.6	4.68	13.5	4.75	13.5	4.82	13.5	4.95
		-8.5	-9.1	13.9	4.47	13.9	4.60	13.8	4.73	13.8	4.80	13.8	4.86	13.8	4.99
		-7.0	-7.6	14.4	4.55	14.3	4.68	14.3	4.80	14.3	4.87	14.3	4.93	14.2	5.06
		-5.0	-5.6	15.0	4.65	15.0	4.77	14.9	4.89	14.9	4.95	14.9	5.02	14.9	5.14
		-3.0	-3.7	15.6	4.74	15.6	4.85	15.5	4.97	15.5	5.03	15.5	5.09	15.3	5.14
		0.0	-0.7	16.5	4.86	16.5	4.98	16.5	5.09	16.5	5.14	16.4	5.20	15.3	4.77
		3.0	2.2	17.4	4.97	17.4	5.08	17.4	5.18	17.0	5.08	16.5	4.87	15.3	4.47
		5.0	4.1	18.0	5.04	18.0	5.14	17.6	5.07	17.0	4.87	16.5	4.67	15.3	4.29
		7.0	6.0	18.6	5.10	18.6	5.20	17.6	4.87	17.0	4.68	16.5	4.49	15.3	4.13
		9.0	7.9	19.2	5.16	18.7	5.06	17.6	4.68	17.0	4.50	16.5	4.32	15.3	3.98
		11.0	9.8	19.8	5.22	18.7	4.87	17.6	4.51	17.0	4.34	16.5	4.17	15.3	3.84
		13.0	11.8	19.9	5.03	18.7	4.69	17.6	4.35	17.0	4.18	16.5	4.02	15.3	3.70
		15.0	13.7	19.9	4.86	18.7	4.52	17.6	4.20	17.0	4.04	16.5	3.88	15.3	3.58

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	125	-19.8	-20.0	10.4	3.94	10.4	4.10	10.4	4.26	10.4	4.34	10.3	4.42	10.3	4.58
		-18.8	-19.0	10.7	4.02	10.7	4.18	10.7	4.33	10.7	4.41	10.7	4.49	10.6	4.65
		-16.7	-17.0	11.4	4.18	11.3	4.33	11.3	4.48	11.3	4.55	11.3	4.62	11.3	4.77
		-14.7	-15.0	12.0	4.33	12.0	4.47	11.9	4.61	11.9	4.68	11.9	4.75	11.9	4.88
		-12.6	-13.0	12.6	4.46	12.6	4.59	12.6	4.72	12.6	4.79	12.5	4.85	12.5	4.99
		-10.5	-11.0	13.3	4.58	13.2	4.70	13.2	4.83	13.2	4.89	13.2	4.95	13.1	5.08
		-9.5	-10.0	13.6	4.63	13.5	4.75	13.5	4.88	13.5	4.94	13.5	5.00	13.5	5.12
		-8.5	-9.1	13.8	4.68	13.8	4.80	13.8	4.92	13.8	4.98	13.8	5.04	13.7	5.16
		-7.0	-7.6	14.3	4.75	14.3	4.87	14.3	4.98	14.2	5.04	14.2	5.10	13.9	5.06
		-5.0	-5.6	14.9	4.84	14.9	4.95	14.9	5.07	14.9	5.12	14.9	5.18	13.9	4.80
		-3.0	-3.7	15.5	4.92	15.5	5.03	15.5	5.14	15.5	5.19	15.0	4.99	13.9	4.57
		0.0	-0.7	16.5	5.04	16.5	5.14	16.0	5.03	15.5	4.83	15.0	4.64	13.9	4.26
		3.0	2.2	17.4	5.14	17.0	5.08	16.0	4.70	15.5	4.52	15.0	4.34	13.9	3.99
		5.0	4.1	18.0	5.20	17.0	4.87	16.0	4.51	15.5	4.34	15.0	4.17	13.9	3.84
		7.0	6.0	18.1	5.03	17.0	4.68	16.0	4.34	15.5	4.17	15.0	4.01	13.9	3.69
		9.0	7.9	18.1	4.83	17.0	4.50	16.0	4.18	15.5	4.02	15.0	3.86	13.9	3.56
		11.0	9.8	18.1	4.66	17.0	4.34	16.0	4.03	15.5	3.88	15.0	3.73	13.9	3.44
		13.0	11.8	18.1	4.48	17.0	4.18	16.0	3.88	15.5	3.74	15.0	3.60	13.9	3.32
		15.0	13.7	18.1	4.33	17.0	4.04	16.0	3.76	15.5	3.62	15.0	3.48	13.9	3.21
90	112.5	-19.8	-20.0	10.4	4.22	10.4	4.36	10.3	4.51	10.3	4.58	10.3	4.65	10.3	4.80
		-18.8	-19.0	10.7	4.30	10.7	4.44	10.6	4.58	10.6	4.65	10.6	4.72	10.6	4.86
		-16.7	-17.0	11.3	4.44	11.3	4.57	11.3	4.71	11.3	4.77	11.2	4.84	11.2	4.97
		-14.7	-15.0	11.9	4.57	11.9	4.70	11.9	4.82	11.9	4.88	11.9	4.95	11.8	5.07
		-12.6	-13.0	12.6	4.69	12.6	4.81	12.5	4.93	12.5	4.99	12.5	5.05	12.5	5.16
		-10.5	-11.0	13.2	4.80	13.2	4.91	13.2	5.02	13.1	5.08	13.1	5.13	12.5	4.90
		-9.5	-10.0	13.5	4.85	13.5	4.96	13.5	5.07	13.5	5.12	13.4	5.18	12.5	4.76
		-8.5	-9.1	13.8	4.89	13.8	5.00	13.7	5.10	13.7	5.16	13.5	5.06	12.5	4.64
		-7.0	-7.6	14.3	4.96	14.2	5.06	14.2	5.16	13.9	5.06	13.5	4.85	12.5	4.45
		-5.0	-5.6	14.9	5.04	14.9	5.14	14.4	4.99	13.9	4.80	13.5	4.60	12.5	4.23
		-3.0	-3.7	15.5	5.11	15.3	5.13	14.4	4.75	13.9	4.57	13.5	4.39	12.5	4.03
		0.0	-0.7	16.3	5.13	15.3	4.77	14.4	4.42	13.9	4.25	13.5	4.09	12.5	3.76
		3.0	2.2	16.3	4.79	15.3	4.47	14.4	4.15	13.9	3.99	13.5	3.83	12.5	3.53
		5.0	4.1	16.3	4.60	15.3	4.29	14.4	3.98	13.9	3.83	13.5	3.69	12.5	3.40
		7.0	6.0	16.3	4.42	15.3	4.12	14.4	3.83	13.9	3.69	13.5	3.55	12.5	3.27
		9.0	7.9	16.3	4.26	15.3	3.97	14.4	3.69	13.9	3.56	13.5	3.42	12.5	3.16
		11.0	9.8	16.3	4.10	15.3	3.83	14.4	3.57	13.9	3.44	13.5	3.31	12.5	3.05
		13.0	11.8	16.3	3.96	15.3	3.69	14.4	3.44	13.9	3.32	13.5	3.19	12.5	2.95
		15.0	13.7	16.3	3.82	15.3	3.57	14.4	3.33	13.9	3.21	13.5	3.09	12.5	2.86
80	100	-19.8	-20.0	10.3	4.50	10.3	4.63	10.3	4.76	10.3	4.82	10.3	4.88	10.2	5.01
		-18.8	-19.0	10.6	4.57	10.6	4.69	10.6	4.82	10.6	4.88	10.6	4.94	10.6	5.07
		-16.7	-17.0	11.3	4.70	11.2	4.82	11.2	4.93	11.2	4.99	11.2	5.05	11.2	5.15
		-14.7	-15.0	11.9	4.82	11.9	4.93	11.9	5.04	11.8	5.09	11.8	5.15	11.2	4.81
		-12.6	-13.0	12.5	4.92	12.5	5.03	12.5	5.13	12.4	5.13	12.0	4.92	11.2	4.51
		-10.5	-11.0	13.2	5.02	13.1	5.12	12.8	5.02	12.4	4.83	12.0	4.63	11.2	4.25
		-9.5	-10.0	13.5	5.06	13.4	5.16	12.8	4.88	12.4	4.69	12.0	4.50	11.2	4.13
		-8.5	-9.1	13.8	5.10	13.6	5.13	12.8	4.75	12.4	4.57	12.0	4.39	11.2	4.03
		-7.0	-7.6	14.2	5.16	13.6	4.92	12.8	4.56	12.4	4.38	12.0	4.21	11.2	3.87
		-5.0	-5.6	14.4	5.01	13.6	4.66	12.8	4.33	12.4	4.16	12.0	4.00	11.2	3.68
		-3.0	-3.7	14.4	4.77	13.6	4.45	12.8	4.13	12.4	3.97	12.0	3.82	11.2	3.52
		0.0	-0.7	14.4	4.44	13.6	4.14	12.8	3.85	12.4	3.70	12.0	3.56	11.2	3.29
		3.0	2.2	14.4	4.16	13.6	3.88	12.8	3.61	12.4	3.48	12.0	3.35	11.2	3.09
		5.0	4.1	14.4	4.00	13.6	3.73	12.8	3.48	12.4	3.35	12.0	3.22	11.2	2.98
		7.0	6.0	14.4	3.85	13.6	3.59	12.8	3.35	12.4	3.23	12.0	3.11	11.2	2.87
		9.0	7.9	14.4	3.71	13.6	3.47	12.8	3.23	12.4	3.12	12.0	3.00	11.2	2.78
		11.0	9.8	14.4	3.58	13.6	3.35	12.8	3.12	12.4	3.01	12.0	2.90	11.2	2.69
		13.0	11.8	14.4	3.45	13.6	3.23	12.8	3.02	12.4	2.91	12.0	2.80	11.2	2.60
		15.0	13.7	14.4	3.34	13.6	3.13	12.8	2.92	12.4	2.82	12.0	2.72	11.2	2.52

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	87.5	-19.8	-20.0	10.3	4.78	10.3	4.89	10.2	5.01	10.2	5.06	10.2	5.12	9.76	4.88
		-18.8	-19.0	10.6	4.84	10.6	4.95	10.6	5.06	10.5	5.12	10.5	5.13	9.76	4.70
		-16.7	-17.0	11.2	4.96	11.2	5.06	11.2	5.16	10.8	4.97	10.5	4.77	9.76	4.38
		-14.7	-15.0	11.9	5.06	11.8	5.16	11.2	4.83	10.8	4.65	10.5	4.46	9.76	4.10
		-12.6	-13.0	12.5	5.15	11.9	4.89	11.2	4.54	10.8	4.36	10.5	4.19	9.76	3.85
		-10.5	-11.0	12.6	4.95	11.9	4.60	11.2	4.27	10.8	4.11	10.5	3.95	9.76	3.64
		-9.5	-10.0	12.6	4.80	11.9	4.47	11.2	4.15	10.8	4.00	10.5	3.84	9.76	3.54
		-8.5	-9.1	12.6	4.68	11.9	4.36	11.2	4.05	10.8	3.90	10.5	3.75	9.76	3.45
		-7.0	-7.6	12.6	4.49	11.9	4.19	11.2	3.89	10.8	3.75	10.5	3.60	9.76	3.32
		-5.0	-5.6	12.6	4.26	11.9	3.98	11.2	3.70	10.8	3.56	10.5	3.43	9.76	3.16
		-3.0	-3.7	12.6	4.07	11.9	3.80	11.2	3.53	10.8	3.40	10.5	3.28	9.76	3.03
		0.0	-0.7	12.6	3.79	11.9	3.54	11.2	3.30	10.8	3.18	10.5	3.07	9.76	2.84
		3.0	2.2	12.6	3.56	11.9	3.33	11.2	3.11	10.8	3.00	10.5	2.89	9.76	2.67
		5.0	4.1	12.6	3.43	11.9	3.21	11.2	2.99	10.8	2.89	10.5	2.78	9.76	2.58
		7.0	6.0	12.6	3.30	11.9	3.09	11.2	2.89	10.8	2.79	10.5	2.69	9.76	2.49
		9.0	7.9	12.6	3.19	11.9	2.99	11.2	2.79	10.8	2.69	10.5	2.60	9.76	2.41
		11.0	9.8	12.6	3.08	11.9	2.89	11.2	2.70	10.8	2.61	10.5	2.51	9.76	2.34
		13.0	11.8	12.6	2.97	11.9	2.79	11.2	2.61	10.8	2.52	10.5	2.43	9.76	2.26
		15.0	13.7	12.6	2.88	11.9	2.71	11.2	2.53	10.8	2.45	10.5	2.36	9.76	2.20
60	75	-19.8	-20.0	10.2	5.06	10.2	5.16	9.60	4.78	9.29	4.59	8.98	4.41	8.37	4.05
		-18.8	-19.0	10.5	5.12	10.2	4.97	9.60	4.60	9.29	4.43	8.98	4.25	8.37	3.91
		-16.7	-17.0	10.8	4.97	10.2	4.62	9.60	4.29	9.29	4.13	8.98	3.97	8.37	3.65
		-14.7	-15.0	10.8	4.64	10.2	4.33	9.60	4.02	9.29	3.87	8.98	3.72	8.37	3.43
		-12.6	-13.0	10.8	4.36	10.2	4.06	9.60	3.78	9.29	3.64	8.98	3.50	8.37	3.23
		-10.5	-11.0	10.8	4.11	10.2	3.83	9.60	3.57	9.29	3.44	8.98	3.31	8.37	3.05
		-9.5	-10.0	10.8	3.99	10.2	3.73	9.60	3.47	9.29	3.34	8.98	3.22	8.37	2.98
		-8.5	-9.1	10.8	3.90	10.2	3.64	9.60	3.39	9.29	3.27	8.98	3.15	8.37	2.91
		-7.0	-7.6	10.8	3.74	10.2	3.50	9.60	3.26	9.29	3.14	8.98	3.03	8.37	2.80
		-5.0	-5.6	10.8	3.56	10.2	3.33	9.60	3.11	9.29	3.00	8.98	2.89	8.37	2.67
		-3.0	-3.7	10.8	3.40	10.2	3.18	9.60	2.97	9.29	2.87	8.98	2.76	8.37	2.56
		0.0	-0.7	10.8	3.18	10.2	2.98	9.60	2.79	9.29	2.69	8.98	2.59	8.37	2.41
		3.0	2.2	10.8	3.00	10.2	2.81	9.60	2.63	9.29	2.54	8.98	2.45	8.37	2.28
		5.0	4.1	10.8	2.89	10.2	2.71	9.60	2.53	9.29	2.45	8.98	2.36	8.37	2.20
		7.0	6.0	10.8	2.78	10.2	2.62	9.60	2.45	9.29	2.37	8.98	2.29	8.37	2.13
		9.0	7.9	10.8	2.69	10.2	2.53	9.60	2.37	9.29	2.29	8.98	2.21	8.37	2.06
		11.0	9.8	10.8	2.60	10.2	2.45	9.60	2.30	9.29	2.22	8.98	2.15	8.37	2.00
		13.0	11.8	10.8	2.52	10.2	2.37	9.60	2.22	9.29	2.15	8.98	2.08	8.37	1.94
		15.0	13.7	10.8	2.44	10.2	2.30	9.60	2.16	9.29	2.09	8.98	2.02	8.37	1.88
50	62.5	-19.8	-20.0	9.03	4.44	8.51	4.14	8.00	3.84	7.74	3.70	7.49	3.56	6.97	3.28
		-18.8	-19.0	9.03	4.28	8.51	3.99	8.00	3.71	7.74	3.57	7.49	3.44	6.97	3.17
		-16.7	-17.0	9.03	3.99	8.51	3.72	8.00	3.47	7.74	3.34	7.49	3.22	6.97	2.97
		-14.7	-15.0	9.03	3.74	8.51	3.49	8.00	3.26	7.74	3.14	7.49	3.02	6.97	2.80
		-12.6	-13.0	9.03	3.52	8.51	3.29	8.00	3.07	7.74	2.96	7.49	2.86	6.97	2.64
		-10.5	-11.0	9.03	3.33	8.51	3.11	8.00	2.91	7.74	2.81	7.49	2.71	6.97	2.51
		-9.5	-10.0	9.03	3.24	8.51	3.03	8.00	2.83	7.74	2.73	7.49	2.64	6.97	2.45
		-8.5	-9.1	9.03	3.16	8.51	2.96	8.00	2.77	7.74	2.67	7.49	2.58	6.97	2.39
		-7.0	-7.6	9.03	3.05	8.51	2.86	8.00	2.67	7.74	2.58	7.49	2.49	6.97	2.31
		-5.0	-5.6	9.03	2.90	8.51	2.72	8.00	2.55	7.74	2.46	7.49	2.38	6.97	2.21
		-3.0	-3.7	9.03	2.78	8.51	2.61	8.00	2.44	7.74	2.36	7.49	2.28	6.97	2.12
		0.0	-0.7	9.03	2.61	8.51	2.45	8.00	2.30	7.74	2.22	7.49	2.15	6.97	2.00
		3.0	2.2	9.03	2.46	8.51	2.32	8.00	2.17	7.74	2.10	7.49	2.03	6.97	1.90
		5.0	4.1	9.03	2.38	8.51	2.24	8.00	2.10	7.74	2.03	7.49	1.97	6.97	1.84
		7.0	6.0	9.03	2.30	8.51	2.16	8.00	2.03	7.74	1.97	7.49	1.90	6.97	1.78
		9.0	7.9	9.03	2.22	8.51	2.10	8.00	1.97	7.74	1.91	7.49	1.85	6.97	1.73
		11.0	9.8	9.03	2.16	8.51	2.03	8.00	1.91	7.74	1.85	7.49	1.79	6.97	1.68
		13.0	11.8	9.03	2.09	8.51	1.97	8.00	1.86	7.74	1.80	7.49	1.74	6.97	1.63
		15.0	13.7	9.03	2.03	8.51	1.92	8.00	1.81	7.74	1.75	7.49	1.69	6.97	1.59

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

U-8MX3XPS

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	260	-19.8	-20.0	15.9	4.40	15.9	4.73	15.8	5.06	15.8	5.23	15.7	5.40	15.7	5.73
		-18.8	-19.0	16.4	4.58	16.3	4.90	16.3	5.22	16.2	5.39	16.2	5.55	16.1	5.87
		-16.7	-17.0	17.3	4.91	17.3	5.21	17.2	5.52	17.2	5.67	17.1	5.82	17.1	6.12
		-14.7	-15.0	18.3	5.21	18.2	5.49	18.1	5.78	18.1	5.92	18.1	6.07	18.0	6.35
		-12.6	-13.0	19.2	5.47	19.1	5.74	19.1	6.01	19.1	6.15	19.0	6.29	19.0	6.56
		-10.5	-11.0	20.1	5.71	20.1	5.97	20.0	6.23	20.0	6.36	20.0	6.49	19.9	6.75
		-9.5	-10.0	20.6	5.82	20.6	6.07	20.5	6.33	20.5	6.45	20.4	6.58	20.4	6.83
		-8.5	-9.1	21.0	5.92	21.0	6.16	20.9	6.41	20.9	6.54	20.9	6.66	20.8	6.91
		-7.0	-7.6	21.7	6.07	21.7	6.31	21.6	6.55	21.6	6.67	21.6	6.79	21.5	7.03
		-5.0	-5.6	22.7	6.26	22.6	6.48	22.6	6.71	22.5	6.83	22.5	6.94	22.5	7.17
		-3.0	-3.7	23.6	6.42	23.5	6.64	23.5	6.86	23.4	6.97	23.4	7.08	23.3	7.30
		0.0	-0.7	25.0	6.65	24.9	6.86	24.9	7.07	24.8	7.17	24.8	7.28	24.8	7.48
		3.0	2.2	26.4	6.86	26.3	7.06	26.2	7.25	26.2	7.35	26.2	7.45	26.1	7.64
		5.0	4.1	27.2	6.98	27.2	7.17	27.1	7.36	27.1	7.46	27.1	7.55	27.0	7.74
		7.0	6.0	28.1	7.10	28.1	7.28	28.0	7.46	28.0	7.56	28.0	7.65	27.9	7.83
		9.0	7.9	29.0	7.20	29.0	7.38	28.9	7.56	28.9	7.65	28.9	7.74	28.3	7.71
		11.0	9.8	29.9	7.31	29.9	7.48	29.8	7.65	29.8	7.74	29.8	7.83	28.3	7.43
		13.0	11.8	30.9	7.41	30.8	7.58	30.8	7.74	30.7	7.83	30.4	7.79	28.3	7.15
		15.0	13.7	31.8	7.50	31.7	7.66	31.6	7.82	31.5	7.84	30.4	7.52	28.3	6.91
120	240	-19.8	-20.0	15.8	4.85	15.8	5.16	15.7	5.46	15.7	5.61	15.7	5.77	15.6	6.07
		-18.8	-19.0	16.3	5.02	16.2	5.31	16.2	5.61	16.2	5.76	16.1	5.91	16.1	6.20
		-16.7	-17.0	17.2	5.32	17.2	5.60	17.1	5.88	17.1	6.02	17.1	6.16	17.0	6.44
		-14.7	-15.0	18.2	5.59	18.1	5.86	18.1	6.12	18.1	6.25	18.0	6.39	18.0	6.65
		-12.6	-13.0	19.1	5.84	19.1	6.09	19.0	6.34	19.0	6.47	19.0	6.59	18.9	6.84
		-10.5	-11.0	20.1	6.06	20.0	6.30	20.0	6.54	19.9	6.66	19.9	6.78	19.9	7.02
		-9.5	-10.0	20.5	6.16	20.5	6.40	20.4	6.63	20.4	6.75	20.4	6.86	20.3	7.10
		-8.5	-9.1	21.0	6.25	20.9	6.48	20.9	6.71	20.8	6.82	20.8	6.94	20.7	7.17
		-7.0	-7.6	21.7	6.39	21.6	6.61	21.6	6.83	21.5	6.94	21.5	7.05	21.5	7.27
		-5.0	-5.6	22.6	6.56	22.6	6.78	22.5	6.99	22.5	7.09	22.4	7.20	22.4	7.41
		-3.0	-3.7	23.5	6.72	23.4	6.92	23.4	7.12	23.4	7.22	23.3	7.33	23.3	7.53
		0.0	-0.7	24.9	6.94	24.9	7.13	24.8	7.32	24.8	7.41	24.8	7.51	24.7	7.70
		3.0	2.2	26.3	7.12	26.2	7.31	26.2	7.49	26.1	7.58	26.1	7.67	26.1	7.85
		5.0	4.1	27.2	7.24	27.1	7.41	27.1	7.59	27.0	7.68	27.0	7.76	26.1	7.57
		7.0	6.0	28.1	7.34	28.0	7.51	28.0	7.68	27.9	7.77	27.9	7.85	26.1	7.27
		9.0	7.9	29.0	7.45	28.9	7.61	28.9	7.77	28.8	7.86	28.1	7.63	26.1	7.00
		11.0	9.8	29.9	7.54	29.8	7.70	29.7	7.86	29.0	7.65	28.1	7.35	26.1	6.75
		13.0	11.8	30.8	7.63	30.7	7.79	30.0	7.67	29.0	7.37	28.1	7.07	26.1	6.50
		15.0	13.7	31.7	7.72	31.6	7.87	30.0	7.40	29.0	7.12	28.1	6.83	26.1	6.28
110	220	-19.8	-20.0	15.8	5.30	15.7	5.58	15.7	5.86	15.6	6.00	15.6	6.14	15.6	6.42
		-18.8	-19.0	16.2	5.45	16.2	5.72	16.1	5.99	16.1	6.13	16.1	6.27	16.0	6.54
		-16.7	-17.0	17.2	5.73	17.1	5.99	17.1	6.24	17.0	6.37	17.0	6.50	17.0	6.76
		-14.7	-15.0	18.1	5.98	18.1	6.22	18.0	6.47	18.0	6.59	18.0	6.71	17.9	6.95
		-12.6	-13.0	19.0	6.21	19.0	6.44	19.0	6.67	18.9	6.78	18.9	6.90	18.9	7.13
		-10.5	-11.0	20.0	6.41	19.9	6.63	19.9	6.85	19.9	6.96	19.8	7.07	19.8	7.29
		-9.5	-10.0	20.5	6.50	20.4	6.72	20.4	6.93	20.3	7.04	20.3	7.15	20.3	7.36
		-8.5	-9.1	20.9	6.59	20.8	6.79	20.8	7.00	20.8	7.11	20.7	7.21	20.7	7.42
		-7.0	-7.6	21.6	6.71	21.5	6.92	21.5	7.12	21.5	7.22	21.4	7.32	21.4	7.52
		-5.0	-5.6	22.5	6.87	22.5	7.07	22.4	7.26	22.4	7.36	22.4	7.46	22.3	7.65
		-3.0	-3.7	23.4	7.01	23.4	7.20	23.3	7.39	23.3	7.48	23.3	7.57	23.2	7.76
		0.0	-0.7	24.8	7.22	24.8	7.39	24.7	7.57	24.7	7.65	24.7	7.74	24.0	7.58
		3.0	2.2	26.2	7.39	26.1	7.56	26.1	7.72	26.1	7.81	25.7	7.74	24.0	7.10
		5.0	4.1	27.1	7.49	27.0	7.66	27.0	7.82	26.6	7.73	25.7	7.42	24.0	6.81
		7.0	6.0	28.0	7.59	27.9	7.75	27.5	7.73	26.6	7.43	25.7	7.13	24.0	6.55
		9.0	7.9	28.9	7.69	28.8	7.84	27.5	7.44	26.6	7.15	25.7	6.87	24.0	6.31
		11.0	9.8	29.8	7.77	29.3	7.73	27.5	7.17	26.6	6.89	25.7	6.62	24.0	6.09
		13.0	11.8	30.7	7.86	29.3	7.44	27.5	6.90	26.6	6.64	25.7	6.38	24.0	5.87
		15.0	13.7	31.0	7.71	29.3	7.18	27.5	6.67	26.6	6.42	25.7	6.17	24.0	5.68

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	200	-19.8	-20.0	15.7	5.74	15.6	6.00	15.6	6.25	15.6	6.38	15.5	6.51	15.5	6.76
		-18.8	-19.0	16.1	5.88	16.1	6.13	16.1	6.38	16.0	6.50	16.0	6.63	16.0	6.87
		-16.7	-17.0	17.1	6.14	17.0	6.37	17.0	6.61	17.0	6.72	17.0	6.84	16.9	7.07
		-14.7	-15.0	18.0	6.37	18.0	6.59	17.9	6.81	17.9	6.92	17.9	7.03	17.9	7.25
		-12.6	-13.0	19.0	6.57	18.9	6.78	18.9	6.99	18.9	7.10	18.8	7.20	18.8	7.41
		-10.5	-11.0	19.9	6.76	19.9	6.96	19.8	7.16	19.8	7.26	19.8	7.36	19.7	7.56
		-9.5	-10.0	20.4	6.85	20.3	7.04	20.3	7.23	20.3	7.33	20.2	7.43	20.2	7.62
		-8.5	-9.1	20.8	6.92	20.8	7.11	20.7	7.30	20.7	7.40	20.7	7.49	20.6	7.68
		-7.0	-7.6	21.5	7.04	21.5	7.22	21.4	7.41	21.4	7.50	21.4	7.59	21.3	7.77
		-5.0	-5.6	22.5	7.18	22.4	7.36	22.4	7.54	22.3	7.62	22.3	7.71	21.8	7.62
		-3.0	-3.7	23.3	7.31	23.3	7.48	23.3	7.65	23.2	7.74	23.2	7.82	21.8	7.26
		0.0	-0.7	24.8	7.50	24.7	7.66	24.7	7.81	24.2	7.67	23.4	7.36	21.8	6.76
		3.0	2.2	26.1	7.66	26.1	7.81	25.0	7.47	24.2	7.18	23.4	6.89	21.8	6.34
		5.0	4.1	27.0	7.75	26.6	7.73	25.0	7.17	24.2	6.89	23.4	6.62	21.8	6.09
		7.0	6.0	27.9	7.84	26.6	7.43	25.0	6.89	24.2	6.63	23.4	6.37	21.8	5.86
		9.0	7.9	28.2	7.67	26.6	7.15	25.0	6.63	24.2	6.38	23.4	6.14	21.8	5.65
		11.0	9.8	28.2	7.39	26.6	6.89	25.0	6.40	24.2	6.16	23.4	5.92	21.8	5.46
		13.0	11.8	28.2	7.12	26.6	6.64	25.0	6.17	24.2	5.94	23.4	5.71	21.8	5.27
		15.0	13.7	28.2	6.87	26.6	6.41	25.0	5.96	24.2	5.74	23.4	5.53	21.8	5.10
90	180	-19.8	-20.0	15.6	6.19	15.6	6.42	15.5	6.65	15.5	6.77	15.5	6.88	15.4	7.11
		-18.8	-19.0	16.1	6.32	16.0	6.54	16.0	6.76	16.0	6.87	16.0	6.99	15.9	7.21
		-16.7	-17.0	17.0	6.55	17.0	6.76	16.9	6.97	16.9	7.07	16.9	7.18	16.9	7.39
		-14.7	-15.0	18.0	6.75	17.9	6.95	17.9	7.15	17.9	7.25	17.8	7.35	17.8	7.55
		-12.6	-13.0	18.9	6.94	18.9	7.13	18.8	7.32	18.8	7.41	18.8	7.51	18.7	7.69
		-10.5	-11.0	19.8	7.11	19.8	7.29	19.8	7.47	19.7	7.56	19.7	7.65	19.6	7.78
		-9.5	-10.0	20.3	7.19	20.3	7.36	20.2	7.54	20.2	7.62	20.2	7.71	19.6	7.56
		-8.5	-9.1	20.7	7.25	20.7	7.43	20.6	7.60	20.6	7.68	20.6	7.77	19.6	7.37
		-7.0	-7.6	21.4	7.36	21.4	7.53	21.4	7.69	21.3	7.78	21.1	7.71	19.6	7.07
		-5.0	-5.6	22.4	7.49	22.3	7.65	22.3	7.81	21.8	7.61	21.1	7.31	19.6	6.71
		-3.0	-3.7	23.3	7.61	23.2	7.76	22.5	7.55	21.8	7.25	21.1	6.97	19.6	6.40
		0.0	-0.7	24.7	7.78	23.9	7.57	22.5	7.02	21.8	6.75	21.1	6.49	19.6	5.97
		3.0	2.2	25.4	7.61	23.9	7.09	22.5	6.58	21.8	6.33	21.1	6.09	19.6	5.61
		5.0	4.1	25.4	7.30	23.9	6.81	22.5	6.32	21.8	6.09	21.1	5.85	19.6	5.40
		7.0	6.0	25.4	7.02	23.9	6.55	22.5	6.08	21.8	5.86	21.1	5.64	19.6	5.20
		9.0	7.9	25.4	6.76	23.9	6.31	22.5	5.86	21.8	5.65	21.1	5.44	19.6	5.02
		11.0	9.8	25.4	6.52	23.9	6.08	22.5	5.66	21.8	5.45	21.1	5.25	19.6	4.85
		13.0	11.8	25.4	6.28	23.9	5.87	22.5	5.46	21.8	5.26	21.1	5.07	19.6	4.69
		15.0	13.7	25.4	6.07	23.9	5.67	22.5	5.29	21.8	5.10	21.1	4.91	19.6	4.54
80	160	-19.8	-20.0	15.5	6.64	15.5	6.84	15.5	7.05	15.4	7.15	15.4	7.25	15.4	7.45
		-18.8	-19.0	16.0	6.75	16.0	6.95	15.9	7.15	15.9	7.25	15.9	7.34	15.9	7.54
		-16.7	-17.0	16.9	6.96	16.9	7.14	16.9	7.33	16.8	7.42	16.8	7.52	16.8	7.70
		-14.7	-15.0	17.9	7.14	17.8	7.32	17.8	7.49	17.8	7.58	17.8	7.67	17.4	7.64
		-12.6	-13.0	18.8	7.31	18.8	7.48	18.7	7.64	18.7	7.73	18.7	7.81	17.4	7.17
		-10.5	-11.0	19.8	7.46	19.7	7.62	19.7	7.78	19.4	7.66	18.7	7.35	17.4	6.75
		-9.5	-10.0	20.2	7.53	20.2	7.68	20.0	7.74	19.4	7.44	18.7	7.14	17.4	6.56
		-8.5	-9.1	20.7	7.59	20.6	7.74	20.0	7.55	19.4	7.25	18.7	6.96	17.4	6.40
		-7.0	-7.6	21.4	7.68	21.3	7.81	20.0	7.24	19.4	6.96	18.7	6.69	17.4	6.15
		-5.0	-5.6	22.3	7.80	21.3	7.40	20.0	6.87	19.4	6.61	18.7	6.35	17.4	5.84
		-3.0	-3.7	22.6	7.58	21.3	7.06	20.0	6.55	19.4	6.30	18.7	6.06	17.4	5.58
		0.0	-0.7	22.6	7.05	21.3	6.57	20.0	6.11	19.4	5.88	18.7	5.66	17.4	5.22
		3.0	2.2	22.6	6.61	21.3	6.17	20.0	5.74	19.4	5.53	18.7	5.32	17.4	4.91
		5.0	4.1	22.6	6.35	21.3	5.93	20.0	5.52	19.4	5.32	18.7	5.12	17.4	4.73
		7.0	6.0	22.6	6.11	21.3	5.71	20.0	5.32	19.4	5.12	18.7	4.93	17.4	4.56
		9.0	7.9	22.6	5.89	21.3	5.50	20.0	5.13	19.4	4.95	18.7	4.76	17.4	4.41
		11.0	9.8	22.6	5.68	21.3	5.31	20.0	4.96	19.4	4.78	18.7	4.61	17.4	4.27
		13.0	11.8	22.6	5.48	21.3	5.13	20.0	4.79	19.4	4.62	18.7	4.45	17.4	4.13
		15.0	13.7	22.6	5.31	21.3	4.97	20.0	4.64	19.4	4.48	18.7	4.32	17.4	4.00

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	140	-19.8	-20.0	15.4	7.09	15.4	7.27	15.4	7.44	15.4	7.53	15.4	7.62	15.3	7.74
		-18.8	-19.0	15.9	7.19	15.9	7.36	15.9	7.53	15.8	7.62	15.8	7.70	15.3	7.46
		-16.7	-17.0	16.9	7.37	16.8	7.53	16.8	7.69	16.8	7.77	16.4	7.57	15.3	6.95
		-14.7	-15.0	17.8	7.53	17.8	7.68	17.5	7.67	16.9	7.37	16.4	7.08	15.3	6.50
		-12.6	-13.0	18.7	7.68	18.6	7.77	17.5	7.20	16.9	6.92	16.4	6.65	15.3	6.12
		-10.5	-11.0	19.7	7.81	18.6	7.31	17.5	6.78	16.9	6.52	16.4	6.27	15.3	5.77
		-9.5	-10.0	19.7	7.62	18.6	7.10	17.5	6.59	16.9	6.34	16.4	6.10	15.3	5.62
		-8.5	-9.1	19.7	7.43	18.6	6.92	17.5	6.43	16.9	6.19	16.4	5.95	15.3	5.48
		-7.0	-7.6	19.7	7.13	18.6	6.65	17.5	6.18	16.9	5.95	16.4	5.72	15.3	5.27
		-5.0	-5.6	19.7	6.77	18.6	6.31	17.5	5.87	16.9	5.66	16.4	5.44	15.3	5.02
		-3.0	-3.7	19.7	6.46	18.6	6.03	17.5	5.61	16.9	5.40	16.4	5.20	15.3	4.81
		0.0	-0.7	19.7	6.02	18.6	5.63	17.5	5.24	16.9	5.05	16.4	4.87	15.3	4.50
		3.0	2.2	19.7	5.65	18.6	5.29	17.5	4.93	16.9	4.76	16.4	4.59	15.3	4.25
		5.0	4.1	19.7	5.44	18.6	5.09	17.5	4.75	16.9	4.58	16.4	4.42	15.3	4.10
		7.0	6.0	19.7	5.24	18.6	4.91	17.5	4.58	16.9	4.42	16.4	4.27	15.3	3.96
		9.0	7.9	19.7	5.06	18.6	4.74	17.5	4.43	16.9	4.28	16.4	4.12	15.3	3.83
		11.0	9.8	19.7	4.89	18.6	4.58	17.5	4.28	16.9	4.14	16.4	3.99	15.3	3.71
		13.0	11.8	19.7	4.72	18.6	4.43	17.5	4.14	16.9	4.00	16.4	3.86	15.3	3.59
		15.0	13.7	19.7	4.58	18.6	4.29	17.5	4.02	16.9	3.88	16.4	3.75	15.3	3.49
60	120	-19.8	-20.0	15.4	7.53	15.3	7.69	15.0	7.59	14.5	7.29	14.0	7.00	13.1	6.43
		-18.8	-19.0	15.8	7.62	15.8	7.77	15.0	7.31	14.5	7.03	14.0	6.75	13.1	6.20
		-16.7	-17.0	16.8	7.78	16.0	7.34	15.0	6.81	14.5	6.55	14.0	6.30	13.1	5.80
		-14.7	-15.0	16.9	7.37	16.0	6.87	15.0	6.38	14.5	6.14	14.0	5.90	13.1	5.44
		-12.6	-13.0	16.9	6.92	16.0	6.45	15.0	6.00	14.5	5.78	14.0	5.56	13.1	5.13
		-10.5	-11.0	16.9	6.52	16.0	6.09	15.0	5.66	14.5	5.46	14.0	5.25	13.1	4.85
		-9.5	-10.0	16.9	6.34	16.0	5.92	15.0	5.51	14.5	5.31	14.0	5.11	13.1	4.72
		-8.5	-9.1	16.9	6.18	16.0	5.78	15.0	5.38	14.5	5.19	14.0	4.99	13.1	4.62
		-7.0	-7.6	16.9	5.94	16.0	5.56	15.0	5.18	14.5	4.99	14.0	4.81	13.1	4.45
		-5.0	-5.6	16.9	5.65	16.0	5.29	15.0	4.93	14.5	4.76	14.0	4.58	13.1	4.24
		-3.0	-3.7	16.9	5.40	16.0	5.06	15.0	4.72	14.5	4.55	14.0	4.39	13.1	4.07
		0.0	-0.7	16.9	5.05	16.0	4.73	15.0	4.42	14.5	4.27	14.0	4.12	13.1	3.82
		3.0	2.2	16.9	4.76	16.0	4.46	15.0	4.17	14.5	4.03	14.0	3.89	13.1	3.61
		5.0	4.1	16.9	4.58	16.0	4.30	15.0	4.02	14.5	3.89	14.0	3.75	13.1	3.49
		7.0	6.0	16.9	4.42	16.0	4.15	15.0	3.89	14.5	3.76	14.0	3.63	13.1	3.38
		9.0	7.9	16.9	4.27	16.0	4.01	15.0	3.76	14.5	3.64	14.0	3.51	13.1	3.27
		11.0	9.8	16.9	4.14	16.0	3.89	15.0	3.64	14.5	3.52	14.0	3.41	13.1	3.17
		13.0	11.8	16.9	4.00	16.0	3.76	15.0	3.53	14.5	3.41	14.0	3.30	13.1	3.08
		15.0	13.7	16.9	3.88	16.0	3.65	15.0	3.43	14.5	3.32	14.0	3.21	13.1	2.99
50	100	-19.8	-20.0	14.1	7.04	13.3	6.57	12.5	6.10	12.1	5.88	11.7	5.65	10.9	5.21
		-18.8	-19.0	14.1	6.79	13.3	6.33	12.5	5.89	12.1	5.67	11.7	5.46	10.9	5.04
		-16.7	-17.0	14.1	6.33	13.3	5.91	12.5	5.50	12.1	5.30	11.7	5.11	10.9	4.72
		-14.7	-15.0	14.1	5.94	13.3	5.55	12.5	5.17	12.1	4.98	11.7	4.80	10.9	4.44
		-12.6	-13.0	14.1	5.59	13.3	5.23	12.5	4.88	12.1	4.70	11.7	4.53	10.9	4.20
		-10.5	-11.0	14.1	5.28	13.3	4.95	12.5	4.62	12.1	4.46	11.7	4.30	10.9	3.98
		-9.5	-10.0	14.1	5.14	13.3	4.82	12.5	4.50	12.1	4.34	11.7	4.19	10.9	3.88
		-8.5	-9.1	14.1	5.02	13.3	4.71	12.5	4.40	12.1	4.24	11.7	4.09	10.9	3.80
		-7.0	-7.6	14.1	4.83	13.3	4.53	12.5	4.24	12.1	4.09	11.7	3.95	10.9	3.67
		-5.0	-5.6	14.1	4.61	13.3	4.32	12.5	4.05	12.1	3.91	11.7	3.77	10.9	3.51
		-3.0	-3.7	14.1	4.41	13.3	4.14	12.5	3.88	12.1	3.75	11.7	3.62	10.9	3.37
		0.0	-0.7	14.1	4.14	13.3	3.89	12.5	3.65	12.1	3.53	11.7	3.41	10.9	3.18
		3.0	2.2	14.1	3.91	13.3	3.68	12.5	3.45	12.1	3.34	11.7	3.23	10.9	3.01
		5.0	4.1	14.1	3.77	13.3	3.55	12.5	3.34	12.1	3.23	11.7	3.12	10.9	2.91
		7.0	6.0	14.1	3.65	13.3	3.44	12.5	3.23	12.1	3.13	11.7	3.02	10.9	2.82
		9.0	7.9	14.1	3.53	13.3	3.33	12.5	3.13	12.1	3.03	11.7	2.93	10.9	2.74
		11.0	9.8	14.1	3.42	13.3	3.23	12.5	3.04	12.1	2.94	11.7	2.85	10.9	2.66
		13.0	11.8	14.1	3.32	13.3	3.13	12.5	2.95	12.1	2.85	11.7	2.76	10.9	2.59
		15.0	13.7	14.1	3.22	13.3	3.04	12.5	2.87	12.1	2.78	11.7	2.69	10.9	2.52

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

U-10MX3XPS

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	325	-19.8	-20.0	18.9	4.97	18.8	5.41	18.7	5.86	18.7	6.09	18.7	6.31	18.6	6.76
		-18.8	-19.0	19.5	5.21	19.4	5.64	19.3	6.08	19.3	6.29	19.2	6.51	19.2	6.95
		-16.7	-17.0	20.6	5.65	20.5	6.06	20.4	6.47	20.4	6.68	20.3	6.88	20.3	7.29
		-14.7	-15.0	21.7	6.05	21.6	6.44	21.5	6.83	21.5	7.02	21.5	7.21	21.4	7.60
		-12.6	-13.0	22.8	6.41	22.7	6.77	22.6	7.14	22.6	7.33	22.6	7.51	22.5	7.88
		-10.5	-11.0	23.9	6.73	23.8	7.08	23.8	7.43	23.7	7.60	23.7	7.78	23.6	8.13
		-9.5	-10.0	24.5	6.88	24.4	7.22	24.3	7.56	24.3	7.73	24.2	7.90	24.2	8.25
		-8.5	-9.1	25.0	7.01	24.9	7.34	24.8	7.68	24.8	7.85	24.7	8.01	24.7	8.35
		-7.0	-7.6	25.8	7.21	25.7	7.54	25.6	7.86	25.6	8.02	25.6	8.18	25.5	8.51
		-5.0	-5.6	26.9	7.47	26.8	7.78	26.8	8.08	26.7	8.24	26.7	8.39	26.6	8.70
		-3.0	-3.7	28.0	7.69	27.9	7.98	27.8	8.28	27.8	8.43	27.7	8.58	27.7	8.88
		0.0	-0.7	29.6	8.00	29.6	8.28	29.5	8.56	29.5	8.70	29.4	8.84	29.3	9.12
		3.0	2.2	31.2	8.28	31.2	8.54	31.1	8.81	31.1	8.94	31.0	9.07	31.0	9.34
		5.0	4.1	32.3	8.44	32.2	8.70	32.2	8.96	32.1	9.08	32.1	9.21	32.0	9.47
		7.0	6.0	33.4	8.60	33.3	8.85	33.2	9.09	33.2	9.22	33.1	9.34	33.1	9.59
		9.0	7.9	34.4	8.74	34.3	8.98	34.3	9.22	34.2	9.34	34.2	9.47	34.1	9.71
		11.0	9.8	35.5	8.88	35.4	9.11	35.3	9.35	35.3	9.46	35.3	9.58	35.2	9.81
		13.0	11.8	36.6	9.02	36.5	9.24	36.4	9.47	36.4	9.58	36.4	9.70	35.7	9.66
		15.0	13.7	37.6	9.14	37.6	9.36	37.5	9.58	37.5	9.69	37.4	9.80	35.7	9.33
120	300	-19.8	-20.0	18.8	5.57	18.7	5.98	18.7	6.40	18.6	6.60	18.6	6.81	18.5	7.22
		-18.8	-19.0	19.4	5.80	19.3	6.20	19.2	6.60	19.2	6.80	19.2	7.00	19.1	7.40
		-16.7	-17.0	20.5	6.21	20.4	6.58	20.3	6.96	20.3	7.15	20.3	7.34	20.2	7.72
		-14.7	-15.0	21.6	6.57	21.5	6.93	21.4	7.29	21.4	7.47	21.4	7.65	21.3	8.00
		-12.6	-13.0	22.7	6.90	22.6	7.24	22.6	7.58	22.5	7.75	22.5	7.92	22.4	8.26
		-10.5	-11.0	23.8	7.20	23.7	7.53	23.7	7.85	23.6	8.01	23.6	8.17	23.5	8.49
		-9.5	-10.0	24.4	7.34	24.3	7.66	24.2	7.97	24.2	8.13	24.2	8.29	24.1	8.60
		-8.5	-9.1	24.9	7.46	24.8	7.77	24.7	8.08	24.7	8.23	24.7	8.39	24.6	8.70
		-7.0	-7.6	25.7	7.65	25.6	7.95	25.6	8.25	25.5	8.40	25.5	8.55	25.4	8.84
		-5.0	-5.6	26.8	7.88	26.7	8.17	26.7	8.46	26.6	8.60	26.6	8.74	26.5	9.03
		-3.0	-3.7	27.9	8.09	27.8	8.36	27.7	8.64	27.7	8.77	27.7	8.91	27.6	9.19
		0.0	-0.7	29.5	8.38	29.5	8.64	29.4	8.90	29.4	9.03	29.3	9.16	29.3	9.42
		3.0	2.2	31.1	8.64	31.1	8.88	31.0	9.13	31.0	9.25	31.0	9.37	30.9	9.62
		5.0	4.1	32.2	8.79	32.1	9.03	32.1	9.26	32.0	9.38	32.0	9.50	31.9	9.74
		7.0	6.0	33.3	8.93	33.2	9.16	33.1	9.39	33.1	9.51	33.1	9.62	32.9	9.82
		9.0	7.9	34.3	9.07	34.3	9.29	34.2	9.51	34.2	9.62	34.1	9.73	32.9	9.46
		11.0	9.8	35.4	9.20	35.3	9.41	35.2	9.63	35.2	9.73	35.2	9.84	32.9	9.11
		13.0	11.8	36.5	9.32	36.4	9.53	36.4	9.74	36.3	9.84	35.4	9.56	32.9	8.78
		15.0	13.7	37.5	9.44	37.5	9.64	37.4	9.84	36.6	9.61	35.4	9.23	32.9	8.49
110	275	-19.8	-20.0	18.7	6.18	18.6	6.56	18.6	6.93	18.5	7.12	18.5	7.31	18.5	7.69
		-18.8	-19.0	19.3	6.38	19.2	6.75	19.1	7.12	19.1	7.30	19.1	7.48	19.0	7.85
		-16.7	-17.0	20.4	6.76	20.3	7.11	20.2	7.45	20.2	7.63	20.2	7.80	20.1	8.15
		-14.7	-15.0	21.5	7.10	21.4	7.42	21.4	7.75	21.3	7.92	21.3	8.08	21.2	8.41
		-12.6	-13.0	22.6	7.40	22.5	7.71	22.5	8.02	22.4	8.18	22.4	8.33	22.4	8.64
		-10.5	-11.0	23.7	7.68	23.6	7.97	23.6	8.27	23.6	8.42	23.5	8.56	23.5	8.86
		-9.5	-10.0	24.3	7.80	24.2	8.09	24.1	8.38	24.1	8.53	24.1	8.67	24.0	8.96
		-8.5	-9.1	24.8	7.91	24.7	8.20	24.6	8.48	24.6	8.62	24.6	8.76	24.5	9.04
		-7.0	-7.6	25.6	8.09	25.5	8.36	25.5	8.63	25.4	8.77	25.4	8.91	25.4	9.18
		-5.0	-5.6	26.7	8.30	26.7	8.56	26.6	8.83	26.6	8.96	26.5	9.09	26.5	9.35
		-3.0	-3.7	27.8	8.49	27.7	8.74	27.6	8.99	27.6	9.12	27.6	9.25	27.5	9.50
		0.0	-0.7	29.4	8.76	29.4	9.00	29.3	9.23	29.3	9.35	29.3	9.47	29.2	9.71
		3.0	2.2	31.1	9.00	31.0	9.22	30.9	9.44	30.9	9.56	30.9	9.67	30.2	9.59
		5.0	4.1	32.1	9.14	32.0	9.35	32.0	9.57	32.0	9.68	31.9	9.79	30.2	9.21
		7.0	6.0	33.2	9.27	33.1	9.48	33.0	9.69	33.0	9.79	32.4	9.64	30.2	8.85
		9.0	7.9	34.2	9.39	34.2	9.60	34.1	9.80	33.5	9.66	32.4	9.28	30.2	8.53
		11.0	9.8	35.3	9.51	35.2	9.71	34.7	9.68	33.5	9.31	32.4	8.94	30.2	8.23
		13.0	11.8	36.4	9.63	36.3	9.82	34.7	9.32	33.5	8.97	32.4	8.62	30.2	7.93
		15.0	13.7	37.5	9.73	36.9	9.71	34.7	9.01	33.5	8.67	32.4	8.33	30.2	7.67

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	250	-19.8	-20.0	18.6	6.78	18.5	7.13	18.5	7.47	18.5	7.64	18.4	7.81	18.4	8.16
		-18.8	-19.0	19.2	6.97	19.1	7.30	19.0	7.64	19.0	7.80	19.0	7.97	18.9	8.30
		-16.7	-17.0	20.3	7.31	20.2	7.63	20.2	7.94	20.1	8.10	20.1	8.26	20.0	8.57
		-14.7	-15.0	21.4	7.62	21.3	7.92	21.3	8.22	21.2	8.37	21.2	8.51	21.2	8.81
		-12.6	-13.0	22.5	7.90	22.4	8.18	22.4	8.46	22.4	8.60	22.3	8.75	22.3	9.03
		-10.5	-11.0	23.6	8.15	23.6	8.42	23.5	8.69	23.5	8.82	23.4	8.95	23.4	9.22
		-9.5	-10.0	24.2	8.26	24.1	8.53	24.1	8.79	24.0	8.92	24.0	9.05	23.9	9.32
		-8.5	-9.1	24.7	8.36	24.6	8.62	24.6	8.88	24.5	9.01	24.5	9.14	24.4	9.39
		-7.0	-7.6	25.5	8.52	25.4	8.77	25.4	9.02	25.4	9.15	25.3	9.27	25.3	9.52
		-5.0	-5.6	26.6	8.72	26.6	8.96	26.5	9.20	26.5	9.32	26.4	9.43	26.4	9.67
		-3.0	-3.7	27.7	8.89	27.6	9.12	27.6	9.35	27.5	9.46	27.5	9.58	27.5	9.81
		0.0	-0.7	29.3	9.14	29.3	9.35	29.2	9.57	29.2	9.68	29.2	9.79	27.5	9.13
		3.0	2.2	31.0	9.35	30.9	9.56	30.8	9.76	30.5	9.70	29.5	9.31	27.5	8.56
		5.0	4.1	32.0	9.48	32.0	9.68	31.5	9.68	30.5	9.31	29.5	8.95	27.5	8.23
		7.0	6.0	33.1	9.60	33.0	9.80	31.5	9.31	30.5	8.95	29.5	8.60	27.5	7.92
		9.0	7.9	34.1	9.72	33.5	9.66	31.5	8.96	30.5	8.62	29.5	8.29	27.5	7.64
		11.0	9.8	35.2	9.83	33.5	9.31	31.5	8.64	30.5	8.32	29.5	8.00	27.5	7.37
		13.0	11.8	35.5	9.62	33.5	8.97	31.5	8.33	30.5	8.02	29.5	7.72	27.5	7.12
		15.0	13.7	35.5	9.29	33.5	8.67	31.5	8.06	30.5	7.76	29.5	7.47	27.5	6.89
90	225	-19.8	-20.0	18.5	7.39	18.5	7.70	18.4	8.01	18.4	8.16	18.4	8.32	18.3	8.63
		-18.8	-19.0	19.1	7.56	19.0	7.86	19.0	8.16	18.9	8.31	18.9	8.46	18.9	8.76
		-16.7	-17.0	20.2	7.87	20.1	8.15	20.1	8.43	20.0	8.57	20.0	8.72	20.0	9.00
		-14.7	-15.0	21.3	8.14	21.2	8.41	21.2	8.68	21.2	8.81	21.1	8.95	21.1	9.22
		-12.6	-13.0	22.4	8.39	22.3	8.65	22.3	8.90	22.3	9.03	22.2	9.16	22.2	9.41
		-10.5	-11.0	23.5	8.62	23.5	8.86	23.4	9.10	23.4	9.23	23.4	9.35	23.3	9.59
		-9.5	-10.0	24.1	8.73	24.0	8.96	24.0	9.20	23.9	9.32	23.9	9.43	23.9	9.67
		-8.5	-9.1	24.6	8.82	24.5	9.05	24.5	9.28	24.4	9.40	24.4	9.51	24.4	9.74
		-7.0	-7.6	25.4	8.96	25.4	9.18	25.3	9.41	25.3	9.52	25.3	9.63	24.7	9.55
		-5.0	-5.6	26.5	9.14	26.5	9.35	26.4	9.57	26.4	9.67	26.4	9.78	24.7	9.07
		-3.0	-3.7	27.6	9.29	27.5	9.50	27.5	9.71	27.4	9.80	26.5	9.41	24.7	8.65
		0.0	-0.7	29.2	9.52	29.2	9.71	28.4	9.49	27.4	9.13	26.5	8.77	24.7	8.07
		3.0	2.2	30.9	9.71	30.2	9.58	28.4	8.89	27.4	8.56	26.5	8.23	24.7	7.58
		5.0	4.1	31.9	9.83	30.2	9.20	28.4	8.54	27.4	8.22	26.5	7.91	24.7	7.29
		7.0	6.0	32.0	9.48	30.2	8.84	28.4	8.22	27.4	7.92	26.5	7.61	24.7	7.02
		9.0	7.9	32.0	9.13	30.2	8.52	28.4	7.92	27.4	7.63	26.5	7.34	24.7	6.78
		11.0	9.8	32.0	8.80	30.2	8.22	28.4	7.65	27.4	7.37	26.5	7.09	24.7	6.55
		13.0	11.8	32.0	8.49	30.2	7.93	28.4	7.38	27.4	7.11	26.5	6.85	24.7	6.33
		15.0	13.7	32.0	8.20	30.2	7.67	28.4	7.14	27.4	6.89	26.5	6.63	24.7	6.13
80	200	-19.8	-20.0	18.4	7.99	18.4	8.27	18.3	8.54	18.3	8.68	18.3	8.82	18.2	9.09
		-18.8	-19.0	19.0	8.14	18.9	8.41	18.9	8.68	18.9	8.81	18.8	8.94	18.8	9.21
		-16.7	-17.0	20.1	8.42	20.0	8.67	20.0	8.92	20.0	9.05	19.9	9.17	19.9	9.43
		-14.7	-15.0	21.2	8.67	21.1	8.91	21.1	9.14	21.1	9.26	21.1	9.38	21.0	9.62
		-12.6	-13.0	22.3	8.89	22.3	9.12	22.2	9.34	22.2	9.46	22.2	9.57	22.0	9.68
		-10.5	-11.0	23.4	9.09	23.4	9.31	23.3	9.52	23.3	9.63	23.3	9.74	22.0	9.12
		-9.5	-10.0	24.0	9.19	23.9	9.40	23.9	9.61	23.9	9.71	23.6	9.65	22.0	8.87
		-8.5	-9.1	24.5	9.27	24.4	9.47	24.4	9.68	24.4	9.78	23.6	9.41	22.0	8.65
		-7.0	-7.6	25.3	9.40	25.3	9.60	25.2	9.78	24.4	9.41	23.6	9.03	22.0	8.31
		-5.0	-5.6	26.4	9.56	26.4	9.75	25.2	9.28	24.4	8.93	23.6	8.58	22.0	7.90
		-3.0	-3.7	27.5	9.70	26.8	9.54	25.2	8.85	24.4	8.52	23.6	8.19	22.0	7.54
		0.0	-0.7	28.4	9.52	26.8	8.88	25.2	8.25	24.4	7.95	23.6	7.64	22.0	7.05
		3.0	2.2	28.4	8.93	26.8	8.33	25.2	7.75	24.4	7.47	23.6	7.19	22.0	6.64
		5.0	4.1	28.4	8.57	26.8	8.01	25.2	7.46	24.4	7.18	23.6	6.92	22.0	6.39
		7.0	6.0	28.4	8.25	26.8	7.71	25.2	7.18	24.4	6.92	23.6	6.67	22.0	6.17
		9.0	7.9	28.4	7.95	26.8	7.44	25.2	6.93	24.4	6.68	23.6	6.44	22.0	5.96
		11.0	9.8	28.4	7.68	26.8	7.18	25.2	6.70	24.4	6.46	23.6	6.23	22.0	5.76
		13.0	11.8	28.4	7.41	26.8	6.93	25.2	6.47	24.4	6.24	23.6	6.02	22.0	5.58
		15.0	13.7	28.4	7.17	26.8	6.71	25.2	6.27	24.4	6.05	23.6	5.83	22.0	5.41

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	175	-19.8	-20.0	18.3	8.59	18.3	8.84	18.2	9.08	18.2	9.20	18.2	9.32	18.2	9.56
		-18.8	-19.0	18.9	8.73	18.8	8.96	18.8	9.20	18.8	9.31	18.7	9.43	18.7	9.66
		-16.7	-17.0	20.0	8.97	19.9	9.19	19.9	9.41	19.9	9.52	19.9	9.63	19.2	9.39
		-14.7	-15.0	21.1	9.19	21.1	9.40	21.0	9.61	21.0	9.71	20.6	9.57	19.2	8.79
		-12.6	-13.0	22.2	9.39	22.2	9.58	22.1	9.73	21.3	9.35	20.6	8.99	19.2	8.26
		-10.5	-11.0	23.3	9.57	23.3	9.75	22.1	9.17	21.3	8.82	20.6	8.47	19.2	7.80
		-9.5	-10.0	23.9	9.65	23.5	9.60	22.1	8.91	21.3	8.57	20.6	8.24	19.2	7.59
		-8.5	-9.1	24.4	9.72	23.5	9.36	22.1	8.69	21.3	8.36	20.6	8.04	19.2	7.41
		-7.0	-7.6	24.9	9.64	23.5	8.98	22.1	8.35	21.3	8.04	20.6	7.73	19.2	7.13
		-5.0	-5.6	24.9	9.14	23.5	8.53	22.1	7.93	21.3	7.64	20.6	7.35	19.2	6.79
		-3.0	-3.7	24.9	8.72	23.5	8.14	22.1	7.58	21.3	7.30	20.6	7.03	19.2	6.49
		0.0	-0.7	24.9	8.13	23.5	7.60	22.1	7.08	21.3	6.83	20.6	6.58	19.2	6.08
		3.0	2.2	24.9	7.64	23.5	7.15	22.1	6.67	21.3	6.43	20.6	6.20	19.2	5.74
		5.0	4.1	24.9	7.35	23.5	6.88	22.1	6.42	21.3	6.19	20.6	5.97	19.2	5.53
		7.0	6.0	24.9	7.08	23.5	6.63	22.1	6.19	21.3	5.98	20.6	5.76	19.2	5.35
		9.0	7.9	24.9	6.83	23.5	6.40	22.1	5.98	21.3	5.78	20.6	5.57	19.2	5.17
		11.0	9.8	24.9	6.60	23.5	6.19	22.1	5.79	21.3	5.59	20.6	5.39	19.2	5.01
		13.0	11.8	24.9	6.38	23.5	5.99	22.1	5.60	21.3	5.41	20.6	5.22	19.2	4.85
		15.0	13.7	24.9	6.18	23.5	5.80	22.1	5.43	21.3	5.25	20.6	5.07	19.2	4.71
60	150	-19.8	-20.0	18.2	9.20	18.2	9.41	18.1	9.61	18.1	9.72	17.7	9.46	16.5	8.69
		-18.8	-19.0	18.8	9.31	18.7	9.51	18.7	9.71	18.3	9.50	17.7	9.12	16.5	8.38
		-16.7	-17.0	19.9	9.52	19.8	9.71	18.9	9.20	18.3	8.85	17.7	8.51	16.5	7.83
		-14.7	-15.0	21.0	9.71	20.1	9.28	18.9	8.62	18.3	8.29	17.7	7.97	16.5	7.35
		-12.6	-13.0	21.3	9.35	20.1	8.72	18.9	8.11	18.3	7.80	17.7	7.51	16.5	6.93
		-10.5	-11.0	21.3	8.81	20.1	8.22	18.9	7.65	18.3	7.37	17.7	7.10	16.5	6.55
		-9.5	-10.0	21.3	8.56	20.1	8.00	18.9	7.45	18.3	7.17	17.7	6.91	16.5	6.38
		-8.5	-9.1	21.3	8.36	20.1	7.81	18.9	7.27	18.3	7.01	17.7	6.75	16.5	6.24
		-7.0	-7.6	21.3	8.03	20.1	7.51	18.9	7.00	18.3	6.74	17.7	6.50	16.5	6.01
		-5.0	-5.6	21.3	7.64	20.1	7.14	18.9	6.66	18.3	6.43	17.7	6.19	16.5	5.73
		-3.0	-3.7	21.3	7.30	20.1	6.83	18.9	6.38	18.3	6.15	17.7	5.93	16.5	5.50
		0.0	-0.7	21.3	6.82	20.1	6.39	18.9	5.97	18.3	5.77	17.7	5.56	16.5	5.16
		3.0	2.2	21.3	6.43	20.1	6.03	18.9	5.64	18.3	5.44	17.7	5.25	16.5	4.88
		5.0	4.1	21.3	6.19	20.1	5.81	18.9	5.44	18.3	5.25	17.7	5.07	16.5	4.72
		7.0	6.0	21.3	5.97	20.1	5.61	18.9	5.25	18.3	5.08	17.7	4.90	16.5	4.56
		9.0	7.9	21.3	5.77	20.1	5.42	18.9	5.08	18.3	4.91	17.7	4.75	16.5	4.42
		11.0	9.8	21.3	5.59	20.1	5.25	18.9	4.92	18.3	4.76	17.7	4.60	16.5	4.29
		13.0	11.8	21.3	5.41	20.1	5.08	18.9	4.77	18.3	4.61	17.7	4.46	16.5	4.16
		15.0	13.7	21.3	5.24	20.1	4.94	18.9	4.63	18.3	4.48	17.7	4.33	16.5	4.04
50	125	-19.8	-20.0	17.8	9.52	16.8	8.87	15.8	8.25	15.2	7.94	14.7	7.64	13.7	7.04
		-18.8	-19.0	17.8	9.17	16.8	8.56	15.8	7.96	15.2	7.66	14.7	7.37	13.7	6.80
		-16.7	-17.0	17.8	8.56	16.8	7.99	15.8	7.44	15.2	7.17	14.7	6.90	13.7	6.38
		-14.7	-15.0	17.8	8.02	16.8	7.50	15.8	6.99	15.2	6.74	14.7	6.49	13.7	6.00
		-12.6	-13.0	17.8	7.55	16.8	7.06	15.8	6.59	15.2	6.36	14.7	6.13	13.7	5.67
		-10.5	-11.0	17.8	7.14	16.8	6.68	15.8	6.24	15.2	6.02	14.7	5.80	13.7	5.38
		-9.5	-10.0	17.8	6.95	16.8	6.51	15.8	6.08	15.2	5.87	14.7	5.66	13.7	5.25
		-8.5	-9.1	17.8	6.78	16.8	6.36	15.8	5.94	15.2	5.74	14.7	5.53	13.7	5.13
		-7.0	-7.6	17.8	6.53	16.8	6.13	15.8	5.73	15.2	5.53	14.7	5.34	13.7	4.96
		-5.0	-5.6	17.8	6.23	16.8	5.84	15.8	5.47	15.2	5.28	14.7	5.10	13.7	4.74
		-3.0	-3.7	17.8	5.96	16.8	5.60	15.8	5.24	15.2	5.07	14.7	4.89	13.7	4.55
		0.0	-0.7	17.8	5.59	16.8	5.26	15.8	4.93	15.2	4.77	14.7	4.61	13.7	4.29
		3.0	2.2	17.8	5.28	16.8	4.97	15.8	4.66	15.2	4.51	14.7	4.36	13.7	4.07
		5.0	4.1	17.8	5.10	16.8	4.80	15.8	4.51	15.2	4.36	14.7	4.22	13.7	3.94
		7.0	6.0	17.8	4.93	16.8	4.64	15.8	4.36	15.2	4.22	14.7	4.09	13.7	3.82
		9.0	7.9	17.8	4.77	16.8	4.50	15.8	4.23	15.2	4.09	14.7	3.96	13.7	3.70
		11.0	9.8	17.8	4.63	16.8	4.36	15.8	4.10	15.2	3.97	14.7	3.85	13.7	3.60
		13.0	11.8	17.8	4.48	16.8	4.23	15.8	3.98	15.2	3.86	14.7	3.74	13.7	3.49
		15.0	13.7	17.8	4.36	16.8	4.11	15.8	3.87	15.2	3.75	14.7	3.64	13.7	3.40

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

U-12MX3XPS

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	390	-19.8	-20.0	19.9	4.19	19.8	4.76	19.7	5.33	19.7	5.61	19.6	5.90	19.6	6.47
		-18.8	-19.0	20.6	4.56	20.5	5.10	20.4	5.65	20.4	5.93	20.3	6.20	20.2	6.75
		-16.7	-17.0	22.0	5.21	21.9	5.72	21.8	6.23	21.8	6.49	21.7	6.74	21.6	7.25
		-14.7	-15.0	23.4	5.78	23.3	6.26	23.2	6.74	23.2	6.98	23.1	7.22	23.0	7.70
		-12.6	-13.0	24.8	6.29	24.7	6.74	24.6	7.19	24.5	7.41	24.5	7.64	24.4	8.09
		-10.5	-11.0	26.2	6.73	26.1	7.16	26.0	7.58	25.9	7.80	25.9	8.01	25.8	8.43
		-9.5	-10.0	26.9	6.94	26.8	7.35	26.7	7.77	26.6	7.97	26.6	8.18	26.5	8.59
		-8.5	-9.1	27.5	7.12	27.4	7.52	27.3	7.92	27.3	8.12	27.2	8.33	27.1	8.73
		-7.0	-7.6	28.5	7.39	28.4	7.78	28.3	8.17	28.3	8.36	28.3	8.55	28.2	8.94
		-5.0	-5.6	29.9	7.73	29.8	8.09	29.7	8.46	29.7	8.65	29.7	8.83	29.6	9.20
		-3.0	-3.7	31.2	8.02	31.1	8.37	31.1	8.72	31.0	8.90	31.0	9.07	30.9	9.43
		0.0	-0.7	33.3	8.42	33.2	8.75	33.1	9.08	33.1	9.25	33.1	9.41	33.0	9.74
		3.0	2.2	35.3	8.77	35.3	9.08	35.2	9.39	35.1	9.55	35.1	9.70	35.0	10.0
		5.0	4.1	36.7	8.98	36.6	9.28	36.5	9.58	36.4	9.73	36.4	9.87	36.3	10.2
		7.0	6.0	38.0	9.17	37.9	9.46	37.8	9.75	37.8	9.89	37.7	10.0	37.6	10.3
		9.0	7.9	39.3	9.35	39.2	9.63	39.1	9.91	39.1	10.0	39.0	10.2	39.0	10.5
		11.0	9.8	40.6	9.52	40.5	9.79	40.5	10.1	40.4	10.2	40.4	10.3	40.3	10.6
		13.0	11.8	42.0	9.68	41.9	9.94	41.8	10.2	41.8	10.3	41.8	10.5	41.7	10.7
		15.0	13.7	43.3	9.83	43.2	10.1	43.2	10.3	43.1	10.5	43.1	10.6	42.5	10.6
120	360	-19.8	-20.0	19.8	4.96	19.7	5.48	19.6	6.01	19.6	6.27	19.5	6.53	19.5	7.06
		-18.8	-19.0	20.5	5.30	20.4	5.80	20.3	6.31	20.3	6.56	20.2	6.81	20.2	7.32
		-16.7	-17.0	21.9	5.90	21.8	6.37	21.7	6.84	21.7	7.08	21.6	7.32	21.5	7.79
		-14.7	-15.0	23.3	6.43	23.2	6.87	23.1	7.31	23.1	7.53	23.0	7.75	22.9	8.20
		-12.6	-13.0	24.6	6.90	24.6	7.31	24.5	7.73	24.4	7.93	24.4	8.14	24.3	8.56
		-10.5	-11.0	26.0	7.31	26.0	7.70	25.9	8.09	25.8	8.29	25.8	8.48	25.7	8.88
		-9.5	-10.0	26.7	7.50	26.7	7.88	26.6	8.26	26.5	8.45	26.5	8.64	26.4	9.02
		-8.5	-9.1	27.4	7.66	27.3	8.03	27.2	8.40	27.2	8.59	27.1	8.78	27.0	9.15
		-7.0	-7.6	28.4	7.91	28.3	8.27	28.2	8.63	28.2	8.81	28.2	8.99	28.1	9.35
		-5.0	-5.6	29.8	8.22	29.7	8.56	29.6	8.90	29.6	9.08	29.6	9.25	29.5	9.59
		-3.0	-3.7	31.1	8.49	31.0	8.82	31.0	9.14	30.9	9.31	30.9	9.47	30.8	9.79
		0.0	-0.7	33.2	8.87	33.1	9.17	33.0	9.48	33.0	9.63	33.0	9.78	32.9	10.1
		3.0	2.2	35.2	9.19	35.1	9.48	35.1	9.76	35.0	9.91	35.0	10.0	34.9	10.3
		5.0	4.1	36.5	9.38	36.5	9.66	36.4	9.93	36.3	10.1	36.3	10.2	36.2	10.5
		7.0	6.0	37.9	9.56	37.8	9.83	37.7	10.1	37.7	10.2	37.6	10.4	37.5	10.6
		9.0	7.9	39.2	9.73	39.1	9.98	39.0	10.2	39.0	10.4	38.9	10.5	38.9	10.8
		11.0	9.8	40.5	9.88	40.4	10.1	40.3	10.4	40.3	10.5	40.3	10.6	39.2	10.5
		13.0	11.8	41.9	10.0	41.8	10.3	41.7	10.5	41.7	10.6	41.7	10.7	39.2	10.0
		15.0	13.7	43.2	10.2	43.1	10.4	43.1	10.6	43.0	10.7	42.1	10.5	39.2	9.68
110	330	-19.8	-20.0	19.7	5.73	19.6	6.21	19.5	6.69	19.5	6.93	19.4	7.17	19.4	7.65
		-18.8	-19.0	20.4	6.04	20.3	6.50	20.2	6.96	20.2	7.20	20.1	7.43	20.1	7.89
		-16.7	-17.0	21.7	6.59	21.7	7.02	21.6	7.46	21.6	7.67	21.5	7.89	21.5	8.32
		-14.7	-15.0	23.1	7.08	23.1	7.48	23.0	7.89	23.0	8.09	22.9	8.29	22.9	8.69
		-12.6	-13.0	24.5	7.50	24.5	7.88	24.4	8.26	24.4	8.45	24.3	8.64	24.2	9.03
		-10.5	-11.0	25.9	7.88	25.9	8.24	25.8	8.60	25.7	8.78	25.7	8.96	25.6	9.32
		-9.5	-10.0	26.6	8.06	26.5	8.41	26.5	8.76	26.4	8.93	26.4	9.10	26.3	9.45
		-8.5	-9.1	27.2	8.21	27.2	8.55	27.1	8.89	27.1	9.06	27.0	9.23	27.0	9.57
		-7.0	-7.6	28.3	8.44	28.2	8.77	28.1	9.09	28.1	9.26	28.1	9.42	28.0	9.75
		-5.0	-5.6	29.7	8.72	29.6	9.03	29.5	9.35	29.5	9.50	29.5	9.66	29.4	9.97
		-3.0	-3.7	31.0	8.97	30.9	9.27	30.9	9.56	30.8	9.71	30.8	9.86	30.7	10.2
		0.0	-0.7	33.1	9.31	33.0	9.59	32.9	9.87	32.9	10.0	32.9	10.2	32.8	10.4
		3.0	2.2	35.1	9.61	35.0	9.87	35.0	10.1	34.9	10.3	34.9	10.4	34.8	10.7
		5.0	4.1	36.4	9.79	36.4	10.0	36.3	10.3	36.2	10.4	36.2	10.5	35.9	10.7
		7.0	6.0	37.7	9.95	37.7	10.2	37.6	10.4	37.6	10.6	37.5	10.7	35.9	10.3
		9.0	7.9	39.1	10.1	39.0	10.3	38.9	10.6	38.9	10.7	38.6	10.7	35.9	9.83
		11.0	9.8	40.4	10.2	40.3	10.5	40.2	10.7	39.9	10.7	38.6	10.3	35.9	9.45
		13.0	11.8	41.8	10.4	41.7	10.6	41.3	10.7	39.9	10.3	38.6	9.86	35.9	9.08
		15.0	13.7	43.1	10.5	43.0	10.7	41.3	10.3	39.9	9.88	38.6	9.50	35.9	8.75

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	300	-19.8	-20.0	19.5	6.50	19.5	6.93	19.4	7.37	19.4	7.59	19.3	7.81	19.3	8.24
		-18.8	-19.0	20.2	6.78	20.2	7.20	20.1	7.62	20.1	7.83	20.0	8.04	20.0	8.46
		-16.7	-17.0	21.6	7.28	21.6	7.67	21.5	8.07	21.5	8.26	21.4	8.46	21.4	8.85
		-14.7	-15.0	23.0	7.72	23.0	8.09	22.9	8.46	22.9	8.64	22.8	8.83	22.8	9.19
		-12.6	-13.0	24.4	8.11	24.3	8.46	24.3	8.80	24.3	8.98	24.2	9.15	24.2	9.49
		-10.5	-11.0	25.8	8.46	25.7	8.78	25.7	9.11	25.6	9.27	25.6	9.44	25.5	9.76
		-9.5	-10.0	26.5	8.61	26.4	8.93	26.4	9.25	26.3	9.41	26.3	9.57	26.2	9.89
		-8.5	-9.1	27.1	8.75	27.1	9.06	27.0	9.37	27.0	9.52	26.9	9.68	26.9	9.99
		-7.0	-7.6	28.2	8.96	28.1	9.26	28.0	9.56	28.0	9.71	28.0	9.86	27.9	10.2
		-5.0	-5.6	29.6	9.22	29.5	9.50	29.4	9.79	29.4	9.93	29.4	10.1	29.3	10.4
		-3.0	-3.7	30.9	9.44	30.8	9.72	30.8	9.99	30.7	10.1	30.7	10.3	30.6	10.5
		0.0	-0.7	33.0	9.76	32.9	10.0	32.8	10.3	32.8	10.4	32.8	10.5	32.7	10.8
		3.0	2.2	35.0	10.0	34.9	10.3	34.9	10.5	34.8	10.6	34.8	10.7	32.7	10.0
		5.0	4.1	36.3	10.2	36.2	10.4	36.2	10.6	36.1	10.8	35.1	10.4	32.7	9.57
		7.0	6.0	37.6	10.3	37.6	10.6	37.5	10.8	36.3	10.4	35.1	9.96	32.7	9.17
		9.0	7.9	39.0	10.5	38.9	10.7	37.5	10.3	36.3	9.94	35.1	9.56	32.7	8.81
		11.0	9.8	40.3	10.6	39.9	10.7	37.5	9.93	36.3	9.55	35.1	9.19	32.7	8.47
		13.0	11.8	41.7	10.7	39.9	10.3	37.5	9.53	36.3	9.18	35.1	8.83	32.7	8.14
		15.0	13.7	42.3	10.6	39.9	9.88	37.5	9.19	36.3	8.85	35.1	8.51	32.7	7.86
90	270	-19.8	-20.0	19.4	7.26	19.4	7.66	19.3	8.05	19.3	8.25	19.3	8.44	19.2	8.84
		-18.8	-19.0	20.1	7.52	20.1	7.90	20.0	8.28	20.0	8.46	19.9	8.65	19.9	9.03
		-16.7	-17.0	21.5	7.97	21.5	8.32	21.4	8.68	21.4	8.86	21.3	9.03	21.3	9.39
		-14.7	-15.0	22.9	8.37	22.8	8.70	22.8	9.03	22.8	9.20	22.7	9.36	22.7	9.69
		-12.6	-13.0	24.3	8.72	24.2	9.03	24.2	9.34	24.2	9.50	24.1	9.65	24.1	9.96
		-10.5	-11.0	25.7	9.03	25.6	9.32	25.6	9.62	25.5	9.76	25.5	9.91	25.5	10.2
		-9.5	-10.0	26.4	9.17	26.3	9.46	26.3	9.74	26.2	9.89	26.2	10.0	26.1	10.3
		-8.5	-9.1	27.0	9.29	27.0	9.57	26.9	9.85	26.9	9.99	26.8	10.1	26.8	10.4
		-7.0	-7.6	28.1	9.49	28.0	9.75	27.9	10.0	27.9	10.2	27.9	10.3	27.8	10.6
		-5.0	-5.6	29.4	9.72	29.4	9.97	29.3	10.2	29.3	10.4	29.3	10.5	29.2	10.7
		-3.0	-3.7	30.8	9.92	30.7	10.2	30.7	10.4	30.6	10.5	30.6	10.7	29.4	10.3
		0.0	-0.7	32.9	10.2	32.8	10.4	32.7	10.7	32.7	10.8	31.6	10.3	29.4	9.50
		3.0	2.2	34.9	10.4	34.8	10.7	33.8	10.4	32.7	10.0	31.6	9.61	29.4	8.85
		5.0	4.1	36.2	10.6	35.9	10.7	33.8	9.94	32.7	9.56	31.6	9.20	29.4	8.48
		7.0	6.0	37.5	10.7	35.9	10.2	33.8	9.52	32.7	9.17	31.6	8.82	29.4	8.13
		9.0	7.9	38.1	10.5	35.9	9.82	33.8	9.14	32.7	8.80	31.6	8.47	29.4	7.82
		11.0	9.8	38.1	10.1	35.9	9.44	33.8	8.79	32.7	8.47	31.6	8.15	29.4	7.53
		13.0	11.8	38.1	9.71	35.9	9.07	33.8	8.45	32.7	8.14	31.6	7.84	29.4	7.25
		15.0	13.7	38.1	9.35	35.9	8.74	33.8	8.15	32.7	7.85	31.6	7.57	29.4	7.00
80	240	-19.8	-20.0	19.3	8.03	19.3	8.38	19.2	8.73	19.2	8.91	19.2	9.08	19.1	9.43
		-18.8	-19.0	20.0	8.26	20.0	8.59	19.9	8.93	19.9	9.10	19.9	9.27	19.8	9.61
		-16.7	-17.0	21.4	8.66	21.3	8.98	21.3	9.29	21.3	9.45	21.2	9.60	21.2	9.92
		-14.7	-15.0	22.8	9.01	22.7	9.31	22.7	9.60	22.7	9.75	22.6	9.90	22.6	10.2
		-12.6	-13.0	24.2	9.33	24.1	9.60	24.1	9.88	24.1	10.0	24.0	10.2	24.0	10.4
		-10.5	-11.0	25.6	9.60	25.5	9.86	25.5	10.1	25.4	10.3	25.4	10.4	25.4	10.6
		-9.5	-10.0	26.3	9.73	26.2	9.98	26.2	10.2	26.1	10.4	26.1	10.5	26.1	10.7
		-8.5	-9.1	26.9	9.84	26.8	10.1	26.8	10.3	26.8	10.5	26.7	10.6	26.1	10.5
		-7.0	-7.6	27.9	10.0	27.9	10.2	27.8	10.5	27.8	10.6	27.8	10.7	26.1	10.0
		-5.0	-5.6	29.3	10.2	29.3	10.4	29.2	10.7	29.0	10.7	28.1	10.3	26.1	9.45
		-3.0	-3.7	30.7	10.4	30.6	10.6	30.0	10.5	29.0	10.1	28.1	9.74	26.1	8.97
		0.0	-0.7	32.7	10.6	31.9	10.5	30.0	9.72	29.0	9.36	28.1	9.00	26.1	8.30
		3.0	2.2	33.9	10.4	31.9	9.74	30.0	9.06	29.0	8.73	28.1	8.40	26.1	7.75
		5.0	4.1	33.9	9.97	31.9	9.31	30.0	8.67	29.0	8.36	28.1	8.04	26.1	7.43
		7.0	6.0	33.9	9.55	31.9	8.93	30.0	8.32	29.0	8.02	28.1	7.72	26.1	7.14
		9.0	7.9	33.9	9.17	31.9	8.57	30.0	7.99	29.0	7.71	28.1	7.43	26.1	6.87
		11.0	9.8	33.9	8.82	31.9	8.25	30.0	7.69	29.0	7.42	28.1	7.15	26.1	6.62
		13.0	11.8	33.9	8.48	31.9	7.93	30.0	7.40	29.0	7.15	28.1	6.89	26.1	6.38
		15.0	13.7	33.9	8.18	31.9	7.66	30.0	7.15	29.0	6.90	28.1	6.66	26.1	6.17

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	210	-19.8	-20.0	19.2	8.80	19.2	9.11	19.1	9.41	19.1	9.57	19.1	9.72	19.0	10.0
		-18.8	-19.0	19.9	9.00	19.8	9.29	19.8	9.59	19.8	9.73	19.8	9.88	19.7	10.2
		-16.7	-17.0	21.3	9.35	21.2	9.63	21.2	9.90	21.2	10.0	21.1	10.2	21.1	10.5
		-14.7	-15.0	22.7	9.66	22.6	9.92	22.6	10.2	22.6	10.3	22.5	10.4	22.5	10.7
		-12.6	-13.0	24.1	9.93	24.0	10.2	24.0	10.4	24.0	10.5	23.9	10.7	22.9	10.2
		-10.5	-11.0	25.5	10.2	25.4	10.4	25.4	10.6	25.3	10.7	24.6	10.4	22.9	9.53
		-9.5	-10.0	26.2	10.3	26.1	10.5	26.1	10.7	25.4	10.4	24.6	10.0	22.9	9.23
		-8.5	-9.1	26.8	10.4	26.7	10.6	26.3	10.5	25.4	10.1	24.6	9.75	22.9	8.98
		-7.0	-7.6	27.8	10.5	27.8	10.7	26.3	10.1	25.4	9.69	24.6	9.31	22.9	8.58
		-5.0	-5.6	29.2	10.7	27.9	10.2	26.3	9.49	25.4	9.14	24.6	8.79	22.9	8.11
		-3.0	-3.7	29.6	10.4	27.9	9.68	26.3	9.01	25.4	8.68	24.6	8.35	22.9	7.71
		0.0	-0.7	29.6	9.58	27.9	8.95	26.3	8.34	25.4	8.04	24.6	7.74	22.9	7.16
		3.0	2.2	29.6	8.93	27.9	8.35	26.3	7.79	25.4	7.51	24.6	7.24	22.9	6.70
		5.0	4.1	29.6	8.55	27.9	8.00	26.3	7.47	25.4	7.20	24.6	6.94	22.9	6.43
		7.0	6.0	29.6	8.20	27.9	7.68	26.3	7.17	25.4	6.92	24.6	6.67	22.9	6.19
		9.0	7.9	29.6	7.88	27.9	7.39	26.3	6.90	25.4	6.66	24.6	6.43	22.9	5.96
		11.0	9.8	29.6	7.59	27.9	7.11	26.3	6.65	25.4	6.42	24.6	6.20	22.9	5.76
		13.0	11.8	29.6	7.30	27.9	6.85	26.3	6.41	25.4	6.19	24.6	5.98	22.9	5.56
		15.0	13.7	29.6	7.05	27.9	6.62	26.3	6.20	25.4	5.99	24.6	5.78	22.9	5.38
60	180	-19.8	-20.0	19.1	9.57	19.0	9.83	19.0	10.1	19.0	10.2	19.0	10.4	18.9	10.6
		-18.8	-19.0	19.8	9.74	19.7	9.99	19.7	10.2	19.7	10.4	19.7	10.5	19.6	10.7
		-16.7	-17.0	21.2	10.0	21.1	10.3	21.1	10.5	21.1	10.6	21.1	10.7	19.6	9.88
		-14.7	-15.0	22.6	10.3	22.5	10.5	22.5	10.7	21.8	10.4	21.1	9.95	19.6	9.16
		-12.6	-13.0	24.0	10.5	23.9	10.7	22.5	10.0	21.8	9.63	21.1	9.26	19.6	8.53
		-10.5	-11.0	25.3	10.8	23.9	10.1	22.5	9.35	21.8	9.00	21.1	8.66	19.6	7.99
		-9.5	-10.0	25.4	10.4	23.9	9.74	22.5	9.06	21.8	8.72	21.1	8.39	19.6	7.75
		-8.5	-9.1	25.4	10.1	23.9	9.46	22.5	8.81	21.8	8.49	21.1	8.17	19.6	7.54
		-7.0	-7.6	25.4	9.68	23.9	9.04	22.5	8.42	21.8	8.12	21.1	7.82	19.6	7.23
		-5.0	-5.6	25.4	9.13	23.9	8.54	22.5	7.96	21.8	7.68	21.1	7.40	19.6	6.84
		-3.0	-3.7	25.4	8.67	23.9	8.11	22.5	7.57	21.8	7.30	21.1	7.04	19.6	6.52
		0.0	-0.7	25.4	8.03	23.9	7.53	22.5	7.03	21.8	6.79	21.1	6.55	19.6	6.07
		3.0	2.2	25.4	7.51	23.9	7.04	22.5	6.58	21.8	6.36	21.1	6.14	19.6	5.70
		5.0	4.1	25.4	7.20	23.9	6.76	22.5	6.32	21.8	6.11	21.1	5.90	19.6	5.48
		7.0	6.0	25.4	6.92	23.9	6.50	22.5	6.08	21.8	5.88	21.1	5.68	19.6	5.28
		9.0	7.9	25.4	6.66	23.9	6.26	22.5	5.86	21.8	5.67	21.1	5.48	19.6	5.10
		11.0	9.8	25.4	6.42	23.9	6.04	22.5	5.66	21.8	5.47	21.1	5.29	19.6	4.93
		13.0	11.8	25.4	6.19	23.9	5.82	22.5	5.46	21.8	5.29	21.1	5.11	19.6	4.76
		15.0	13.7	25.4	5.99	23.9	5.64	22.5	5.29	21.8	5.12	21.1	4.95	19.6	4.62
50	150	-19.8	-20.0	19.0	10.3	18.9	10.6	18.8	10.6	18.1	10.2	17.5	9.84	16.3	9.06
		-18.8	-19.0	19.7	10.5	19.6	10.7	18.8	10.2	18.1	9.80	17.5	9.42	16.3	8.68
		-16.7	-17.0	21.1	10.7	20.0	10.1	18.8	9.38	18.1	9.03	17.5	8.69	16.3	8.02
		-14.7	-15.0	21.2	10.0	20.0	9.34	18.8	8.70	18.1	8.38	17.5	8.07	16.3	7.45
		-12.6	-13.0	21.2	9.31	20.0	8.71	18.8	8.11	18.1	7.82	17.5	7.53	16.3	6.97
		-10.5	-11.0	21.2	8.71	20.0	8.15	18.8	7.61	18.1	7.34	17.5	7.07	16.3	6.55
		-9.5	-10.0	21.2	8.44	20.0	7.90	18.8	7.38	18.1	7.12	17.5	6.86	16.3	6.36
		-8.5	-9.1	21.2	8.21	20.0	7.69	18.8	7.18	18.1	6.93	17.5	6.69	16.3	6.20
		-7.0	-7.6	21.2	7.86	20.0	7.37	18.8	6.88	18.1	6.65	17.5	6.41	16.3	5.95
		-5.0	-5.6	21.2	7.44	20.0	6.98	18.8	6.52	18.1	6.30	17.5	6.08	16.3	5.65
		-3.0	-3.7	21.2	7.08	20.0	6.64	18.8	6.22	18.1	6.01	17.5	5.80	16.3	5.40
		0.0	-0.7	21.2	6.58	20.0	6.18	18.8	5.80	18.1	5.61	17.5	5.42	16.3	5.04
		3.0	2.2	21.2	6.17	20.0	5.80	18.8	5.44	18.1	5.27	17.5	5.09	16.3	4.75
		5.0	4.1	21.2	5.93	20.0	5.58	18.8	5.24	18.1	5.07	17.5	4.90	16.3	4.58
		7.0	6.0	21.2	5.71	20.0	5.38	18.8	5.05	18.1	4.89	17.5	4.73	16.3	4.42
		9.0	7.9	21.2	5.50	20.0	5.19	18.8	4.88	18.1	4.72	17.5	4.57	16.3	4.27
		11.0	9.8	21.2	5.32	20.0	5.01	18.8	4.72	18.1	4.57	17.5	4.43	16.3	4.14
		13.0	11.8	21.2	5.14	20.0	4.85	18.8	4.56	18.1	4.42	17.5	4.28	16.3	4.01
		15.0	13.7	21.2	4.98	20.0	4.70	18.8	4.42	18.1	4.29	17.5	4.16	16.3	3.89

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

U-14MX3XPS

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	455	-19.8	-20.0	22.4	4.73	22.3	5.52	22.1	6.31	22.1	6.71	22.0	7.10	21.9	7.90
		-18.8	-19.0	23.4	5.40	23.3	6.15	23.2	6.91	23.1	7.28	23.1	7.66	23.0	8.42
		-16.7	-17.0	25.5	6.56	25.4	7.25	25.3	7.94	25.2	8.28	25.2	8.63	25.1	9.32
		-14.7	-15.0	27.6	7.54	27.4	8.17	27.3	8.81	27.3	9.12	27.2	9.44	27.1	10.1
		-12.6	-13.0	29.6	8.37	29.5	8.96	29.4	9.55	29.4	9.84	29.3	10.1	29.2	10.7
		-10.5	-11.0	31.7	9.09	31.6	9.64	31.5	10.2	31.4	10.5	31.4	10.7	31.3	11.3
		-9.5	-10.0	32.7	9.41	32.6	9.94	32.5	10.5	32.5	10.7	32.4	11.0	32.3	11.5
		-8.5	-9.1	33.7	9.69	33.6	10.2	33.5	10.7	33.4	11.0	33.4	11.2	33.3	11.7
		-7.0	-7.6	35.2	10.1	35.1	10.6	35.0	11.1	35.0	11.3	34.9	11.6	34.8	12.1
		-5.0	-5.6	37.3	10.6	37.2	11.1	37.1	11.5	37.1	11.8	37.0	12.0	36.9	12.4
		-3.0	-3.7	39.3	11.0	39.2	11.5	39.1	11.9	39.0	12.1	39.0	12.3	38.9	12.8
		0.0	-0.7	42.4	11.6	42.3	12.0	42.2	12.4	42.2	12.6	42.1	12.8	42.0	13.2
		3.0	2.2	45.4	12.1	45.3	12.5	45.2	12.9	45.2	13.1	45.1	13.2	45.0	13.6
		5.0	4.1	47.4	12.4	47.3	12.8	47.2	13.1	47.1	13.3	47.1	13.5	47.0	13.8
		7.0	6.0	49.4	12.7	49.3	13.0	49.2	13.4	49.1	13.5	49.1	13.7	49.0	14.0
		9.0	7.9	51.3	12.9	51.2	13.2	51.1	13.6	51.1	13.7	51.0	13.9	50.9	14.2
		11.0	9.8	53.3	13.1	53.2	13.5	53.1	13.8	53.1	13.9	53.0	14.1	51.0	13.6
		13.0	11.8	55.4	13.4	55.3	13.7	55.2	14.0	55.1	14.1	54.7	14.1	51.0	13.0
		15.0	13.7	57.4	13.6	57.3	13.9	57.2	14.1	56.6	14.1	54.7	13.5	51.0	12.4
120	420	-19.8	-20.0	22.2	5.80	22.1	6.53	22.0	7.26	22.0	7.63	21.9	7.99	21.8	8.72
		-18.8	-19.0	23.3	6.42	23.2	7.11	23.1	7.81	23.0	8.16	23.0	8.51	22.9	9.20
		-16.7	-17.0	25.3	7.49	25.2	8.13	25.1	8.76	25.1	9.08	25.0	9.40	25.0	10.0
		-14.7	-15.0	27.4	8.40	27.3	8.98	27.2	9.56	27.2	9.86	27.1	10.1	27.0	10.7
		-12.6	-13.0	29.5	9.16	29.4	9.71	29.3	10.2	29.3	10.5	29.2	10.8	29.1	11.3
		-10.5	-11.0	31.6	9.83	31.5	10.3	31.4	10.8	31.3	11.1	31.3	11.3	31.2	11.8
		-9.5	-10.0	32.6	10.1	32.5	10.6	32.4	11.1	32.4	11.3	32.3	11.6	32.2	12.1
		-8.5	-9.1	33.5	10.4	33.4	10.8	33.4	11.3	33.3	11.6	33.3	11.8	33.2	12.3
		-7.0	-7.6	35.1	10.8	35.0	11.2	34.9	11.7	34.9	11.9	34.8	12.1	34.7	12.6
		-5.0	-5.6	37.2	11.2	37.1	11.7	37.0	12.1	36.9	12.3	36.9	12.5	36.8	12.9
		-3.0	-3.7	39.2	11.6	39.1	12.0	39.0	12.4	38.9	12.6	38.9	12.8	38.8	13.2
		0.0	-0.7	42.3	12.2	42.2	12.5	42.1	12.9	42.0	13.1	42.0	13.3	41.9	13.7
		3.0	2.2	45.3	12.6	45.2	13.0	45.1	13.3	45.0	13.5	45.0	13.7	44.9	14.0
		5.0	4.1	47.3	12.9	47.2	13.2	47.1	13.6	47.0	13.7	47.0	13.9	46.9	14.2
		7.0	6.0	49.2	13.1	49.1	13.5	49.0	13.8	49.0	13.9	48.9	14.1	47.1	13.6
		9.0	7.9	51.2	13.4	51.1	13.7	51.0	14.0	51.0	14.1	50.5	14.1	47.1	12.9
		11.0	9.8	53.2	13.6	53.1	13.9	53.0	14.2	52.3	14.0	50.5	13.5	47.1	12.4
		13.0	11.8	55.3	13.8	55.2	14.1	54.0	13.9	52.3	13.4	50.5	12.8	47.1	11.8
		15.0	13.7	57.2	14.0	57.1	14.2	54.0	13.3	52.3	12.8	50.5	12.3	47.1	11.3
110	385	-19.8	-20.0	22.1	6.87	22.0	7.54	21.9	8.21	21.9	8.55	21.8	8.88	21.7	9.55
		-18.8	-19.0	23.1	7.44	23.0	8.07	22.9	8.71	22.9	9.03	22.9	9.35	22.8	9.99
		-16.7	-17.0	25.2	8.42	25.1	9.01	25.0	9.59	25.0	9.88	24.9	10.2	24.8	10.8
		-14.7	-15.0	27.3	9.25	27.2	9.79	27.1	10.3	27.1	10.6	27.0	10.9	26.9	11.4
		-12.6	-13.0	29.4	9.96	29.3	10.5	29.2	10.9	29.1	11.2	29.1	11.4	29.0	11.9
		-10.5	-11.0	31.4	10.6	31.3	11.0	31.3	11.5	31.2	11.7	31.2	11.9	31.1	12.4
		-9.5	-10.0	32.5	10.8	32.4	11.3	32.3	11.7	32.2	12.0	32.2	12.2	32.1	12.6
		-8.5	-9.1	33.4	11.1	33.3	11.5	33.2	11.9	33.2	12.2	33.1	12.4	33.1	12.8
		-7.0	-7.6	35.0	11.4	34.9	11.8	34.8	12.3	34.7	12.5	34.7	12.7	34.6	13.1
		-5.0	-5.6	37.0	11.9	37.0	12.2	36.9	12.6	36.8	12.8	36.8	13.0	36.7	13.4
		-3.0	-3.7	39.0	12.2	38.9	12.6	38.8	13.0	38.8	13.1	38.8	13.3	38.7	13.7
		0.0	-0.7	42.1	12.7	42.0	13.1	42.0	13.4	41.9	13.6	41.9	13.7	41.8	14.1
		3.0	2.2	45.1	13.1	45.1	13.5	45.0	13.8	44.9	13.9	44.9	14.1	43.1	13.6
		5.0	4.1	47.1	13.4	47.0	13.7	46.9	14.0	46.9	14.1	46.3	14.0	43.1	12.9
		7.0	6.0	49.1	13.6	49.0	13.9	48.9	14.2	47.9	13.9	46.3	13.3	43.1	12.2
		9.0	7.9	51.1	13.8	51.0	14.1	49.5	13.8	47.9	13.2	46.3	12.7	43.1	11.7
		11.0	9.8	53.0	14.0	52.7	14.2	49.5	13.1	47.9	12.6	46.3	12.1	43.1	11.2
		13.0	11.8	55.1	14.2	52.7	13.5	49.5	12.5	47.9	12.1	46.3	11.6	43.1	10.7
		15.0	13.7	55.9	13.9	52.7	12.9	49.5	12.0	47.9	11.6	46.3	11.1	43.1	10.2

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	350	-19.8	-20.0	21.9	7.94	21.9	8.55	21.8	9.16	21.7	9.46	21.7	9.77	21.6	10.4
		-18.8	-19.0	23.0	8.46	22.9	9.04	22.8	9.62	22.8	9.91	22.7	10.2	22.7	10.8
		-16.7	-17.0	25.1	9.35	25.0	9.88	24.9	10.4	24.9	10.7	24.8	10.9	24.7	11.5
		-14.7	-15.0	27.1	10.1	27.1	10.6	27.0	11.1	26.9	11.3	26.9	11.6	26.8	12.1
		-12.6	-13.0	29.2	10.7	29.1	11.2	29.1	11.6	29.0	11.9	29.0	12.1	28.9	12.6
		-10.5	-11.0	31.3	11.3	31.2	11.7	31.1	12.1	31.1	12.3	31.1	12.6	31.0	13.0
		-9.5	-10.0	32.3	11.5	32.2	12.0	32.2	12.4	32.1	12.6	32.1	12.8	32.0	13.2
		-8.5	-9.1	33.3	11.8	33.2	12.2	33.1	12.5	33.1	12.7	33.0	12.9	32.9	13.3
		-7.0	-7.6	34.8	12.1	34.7	12.5	34.7	12.8	34.6	13.0	34.6	13.2	34.5	13.6
		-5.0	-5.6	36.9	12.5	36.8	12.8	36.7	13.2	36.7	13.4	36.7	13.5	36.6	13.9
		-3.0	-3.7	38.9	12.8	38.8	13.1	38.7	13.5	38.7	13.6	38.6	13.8	38.6	14.1
		0.0	-0.7	42.0	13.3	41.9	13.6	41.8	13.9	41.8	14.0	41.8	14.2	39.2	13.2
		3.0	2.2	45.0	13.6	44.9	13.9	44.8	14.2	43.6	13.7	42.1	13.2	39.2	12.1
		5.0	4.1	47.0	13.9	46.9	14.1	45.0	13.5	43.6	13.0	42.1	12.5	39.2	11.5
		7.0	6.0	49.0	14.1	47.9	13.9	45.0	12.9	43.6	12.4	42.1	11.9	39.2	11.0
		9.0	7.9	50.8	14.2	47.9	13.2	45.0	12.3	43.6	11.8	42.1	11.4	39.2	10.5
		11.0	9.8	50.8	13.5	47.9	12.6	45.0	11.7	43.6	11.3	42.1	10.9	39.2	10.0
		13.0	11.8	50.8	12.9	47.9	12.0	45.0	11.2	43.6	10.8	42.1	10.4	39.2	9.57
		15.0	13.7	50.8	12.4	47.9	11.5	45.0	10.7	43.6	10.3	42.1	9.96	39.2	9.20
90	315	-19.8	-20.0	21.8	9.01	21.7	9.56	21.7	10.1	21.6	10.4	21.6	10.7	21.5	11.2
		-18.8	-19.0	22.8	9.48	22.8	10.00	22.7	10.5	22.7	10.8	22.6	11.0	22.6	11.6
		-16.7	-17.0	24.9	10.3	24.8	10.8	24.8	11.2	24.7	11.5	24.7	11.7	24.6	12.2
		-14.7	-15.0	27.0	11.0	26.9	11.4	26.9	11.8	26.8	12.1	26.8	12.3	26.7	12.7
		-12.6	-13.0	29.1	11.5	29.0	11.9	28.9	12.4	28.9	12.6	28.9	12.8	28.8	13.2
		-10.5	-11.0	31.1	12.0	31.1	12.4	31.0	12.8	31.0	13.0	30.9	13.2	30.9	13.5
		-9.5	-10.0	32.2	12.3	32.1	12.6	32.0	13.0	32.0	13.2	32.0	13.4	31.9	13.7
		-8.5	-9.1	33.1	12.5	33.1	12.8	33.0	13.2	32.9	13.3	32.9	13.5	32.8	13.9
		-7.0	-7.6	34.7	12.7	34.6	13.1	34.5	13.4	34.5	13.6	34.5	13.8	34.4	14.1
		-5.0	-5.6	36.8	13.1	36.7	13.4	36.6	13.7	36.6	13.9	36.5	14.0	35.3	13.6
		-3.0	-3.7	38.7	13.4	38.7	13.7	38.6	14.0	38.6	14.1	37.9	13.9	35.3	12.8
		0.0	-0.7	41.9	13.8	41.8	14.1	40.5	13.7	39.2	13.2	37.9	12.7	35.3	11.6
		3.0	2.2	44.9	14.1	43.1	13.6	40.5	12.6	39.2	12.1	37.9	11.6	35.3	10.7
		5.0	4.1	45.7	13.8	43.1	12.9	40.5	11.9	39.2	11.5	37.9	11.1	35.3	10.2
		7.0	6.0	45.7	13.1	43.1	12.2	40.5	11.4	39.2	11.0	37.9	10.5	35.3	9.72
		9.0	7.9	45.7	12.5	43.1	11.7	40.5	10.9	39.2	10.5	37.9	10.1	35.3	9.29
		11.0	9.8	45.7	11.9	43.1	11.2	40.5	10.4	39.2	10.0	37.9	9.63	35.3	8.90
		13.0	11.8	45.7	11.4	43.1	10.7	40.5	9.93	39.2	9.57	37.9	9.22	35.3	8.52
		15.0	13.7	45.7	10.9	43.1	10.2	40.5	9.53	39.2	9.19	37.9	8.86	35.3	8.20
80	280	-19.8	-20.0	21.7	10.1	21.6	10.6	21.5	11.1	21.5	11.3	21.5	11.5	21.4	12.0
		-18.8	-19.0	22.7	10.5	22.6	11.0	22.6	11.4	22.5	11.7	22.5	11.9	22.4	12.4
		-16.7	-17.0	24.8	11.2	24.7	11.6	24.7	12.1	24.6	12.3	24.6	12.5	24.5	12.9
		-14.7	-15.0	26.9	11.8	26.8	12.2	26.7	12.6	26.7	12.8	26.7	13.0	26.6	13.4
		-12.6	-13.0	28.9	12.3	28.9	12.7	28.8	13.1	28.8	13.2	28.7	13.4	28.7	13.8
		-10.5	-11.0	31.0	12.8	30.9	13.1	30.9	13.4	30.9	13.6	30.8	13.8	30.8	14.1
		-9.5	-10.0	32.0	13.0	32.0	13.3	31.9	13.6	31.9	13.8	31.9	13.9	31.4	14.0
		-8.5	-9.1	33.0	13.1	32.9	13.5	32.9	13.8	32.8	13.9	32.8	14.1	31.4	13.5
		-7.0	-7.6	34.5	13.4	34.5	13.7	34.4	14.0	34.4	14.2	33.7	13.9	31.4	12.7
		-5.0	-5.6	36.6	13.7	36.6	14.0	36.0	14.0	34.8	13.4	33.7	12.9	31.4	11.9
		-3.0	-3.7	38.6	14.0	38.3	14.1	36.0	13.1	34.8	12.6	33.7	12.1	31.4	11.1
		0.0	-0.7	40.6	13.8	38.3	12.8	36.0	11.9	34.8	11.5	33.7	11.0	31.4	10.2
		3.0	2.2	40.6	12.6	38.3	11.8	36.0	11.0	34.8	10.6	33.7	10.2	31.4	9.38
		5.0	4.1	40.6	12.0	38.3	11.2	36.0	10.4	34.8	10.0	33.7	9.67	31.4	8.93
		7.0	6.0	40.6	11.4	38.3	10.7	36.0	9.94	34.8	9.58	33.7	9.23	31.4	8.53
		9.0	7.9	40.6	10.9	38.3	10.2	36.0	9.50	34.8	9.16	33.7	8.82	31.4	8.17
		11.0	9.8	40.6	10.4	38.3	9.75	36.0	9.09	34.8	8.77	33.7	8.46	31.4	7.83
		13.0	11.8	40.6	9.96	38.3	9.33	36.0	8.71	34.8	8.40	33.7	8.10	31.4	7.51
		15.0	13.7	40.6	9.57	38.3	8.96	36.0	8.37	34.8	8.08	33.7	7.80	31.4	7.23

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	245	-19.8	-20.0	21.5	11.2	21.5	11.6	21.4	12.0	21.4	12.2	21.4	12.4	21.3	12.9
		-18.8	-19.0	22.6	11.5	22.5	11.9	22.4	12.3	22.4	12.5	22.4	12.7	22.3	13.1
		-16.7	-17.0	24.6	12.1	24.6	12.5	24.5	12.9	24.5	13.1	24.5	13.3	24.4	13.6
		-14.7	-15.0	26.7	12.7	26.7	13.0	26.6	13.4	26.6	13.5	26.5	13.7	26.5	14.0
		-12.6	-13.0	28.8	13.1	28.7	13.4	28.7	13.8	28.7	13.9	28.6	14.1	27.5	13.5
		-10.5	-11.0	30.9	13.5	30.8	13.8	30.8	14.1	30.5	14.1	29.5	13.5	27.5	12.4
		-9.5	-10.0	31.9	13.7	31.9	14.0	31.5	14.0	30.5	13.5	29.5	13.0	27.5	11.9
		-8.5	-9.1	32.8	13.8	32.8	14.1	31.5	13.5	30.5	13.0	29.5	12.5	27.5	11.5
		-7.0	-7.6	34.4	14.1	33.5	13.8	31.5	12.8	30.5	12.3	29.5	11.8	27.5	10.9
		-5.0	-5.6	35.5	13.8	33.5	12.8	31.5	11.9	30.5	11.5	29.5	11.0	27.5	10.2
		-3.0	-3.7	35.5	12.9	33.5	12.0	31.5	11.2	30.5	10.8	29.5	10.4	27.5	9.56
		0.0	-0.7	35.5	11.7	33.5	11.0	31.5	10.2	30.5	9.84	29.5	9.47	27.5	8.76
		3.0	2.2	35.5	10.8	33.5	10.1	31.5	9.42	30.5	9.09	29.5	8.76	27.5	8.11
		5.0	4.1	35.5	10.3	33.5	9.62	31.5	8.97	30.5	8.66	29.5	8.35	27.5	7.73
		7.0	6.0	35.5	9.80	33.5	9.18	31.5	8.57	30.5	8.27	29.5	7.97	27.5	7.40
		9.0	7.9	35.5	9.36	33.5	8.78	31.5	8.20	30.5	7.92	29.5	7.64	27.5	7.09
		11.0	9.8	35.5	8.97	33.5	8.41	31.5	7.87	30.5	7.60	29.5	7.33	27.5	6.81
		13.0	11.8	35.5	8.59	33.5	8.06	31.5	7.54	30.5	7.29	29.5	7.04	27.5	6.54
		15.0	13.7	35.5	8.26	33.5	7.76	31.5	7.26	30.5	7.02	29.5	6.78	27.5	6.31
60	210	-19.8	-20.0	21.4	12.2	21.3	12.6	21.3	13.0	21.3	13.1	21.2	13.3	21.2	13.7
		-18.8	-19.0	22.4	12.5	22.4	12.9	22.3	13.2	22.3	13.4	22.3	13.6	22.2	13.9
		-16.7	-17.0	24.5	13.1	24.5	13.4	24.4	13.7	24.4	13.9	24.4	14.0	23.5	13.6
		-14.7	-15.0	26.6	13.5	26.5	13.8	26.5	14.1	26.1	14.0	25.3	13.4	23.5	12.3
		-12.6	-13.0	28.7	13.9	28.6	14.2	27.0	13.2	26.1	12.7	25.3	12.2	23.5	11.3
		-10.5	-11.0	30.5	14.1	28.7	13.1	27.0	12.2	26.1	11.7	25.3	11.2	23.5	10.4
		-9.5	-10.0	30.5	13.5	28.7	12.6	27.0	11.7	26.1	11.2	25.3	10.8	23.5	9.97
		-8.5	-9.1	30.5	13.0	28.7	12.1	27.0	11.3	26.1	10.9	25.3	10.5	23.5	9.64
		-7.0	-7.6	30.5	12.3	28.7	11.5	27.0	10.7	26.1	10.3	25.3	9.90	23.5	9.15
		-5.0	-5.6	30.5	11.5	28.7	10.7	27.0	9.97	26.1	9.61	25.3	9.26	23.5	8.56
		-3.0	-3.7	30.5	10.8	28.7	10.1	27.0	9.39	26.1	9.05	25.3	8.72	23.5	8.08
		0.0	-0.7	30.5	9.83	28.7	9.21	27.0	8.60	26.1	8.30	25.3	8.00	23.5	7.42
		3.0	2.2	30.5	9.08	28.7	8.52	27.0	7.96	26.1	7.69	25.3	7.42	23.5	6.89
		5.0	4.1	30.5	8.65	28.7	8.12	27.0	7.60	26.1	7.34	25.3	7.09	23.5	6.59
		7.0	6.0	30.5	8.26	28.7	7.76	27.0	7.27	26.1	7.02	25.3	6.78	23.5	6.31
		9.0	7.9	30.5	7.91	28.7	7.44	27.0	6.97	26.1	6.74	25.3	6.51	23.5	6.06
		11.0	9.8	30.5	7.59	28.7	7.14	27.0	6.70	26.1	6.48	25.3	6.26	23.5	5.83
		13.0	11.8	30.5	7.29	28.7	6.86	27.0	6.43	26.1	6.22	25.3	6.02	23.5	5.61
		15.0	13.7	30.5	7.02	28.7	6.61	27.0	6.20	26.1	6.01	25.3	5.81	23.5	5.42
50	175	-19.8	-20.0	21.2	13.3	21.2	13.6	21.2	13.9	21.1	14.1	21.1	14.1	19.6	13.0
		-18.8	-19.0	22.3	13.6	22.2	13.8	22.2	14.1	21.8	13.9	21.1	13.3	19.6	12.2
		-16.7	-17.0	24.4	14.0	23.9	13.9	22.5	12.9	21.8	12.4	21.1	11.9	19.6	11.0
		-14.7	-15.0	25.4	13.5	23.9	12.6	22.5	11.7	21.8	11.3	21.1	10.8	19.6	9.98
		-12.6	-13.0	25.4	12.3	23.9	11.5	22.5	10.7	21.8	10.3	21.1	9.91	19.6	9.15
		-10.5	-11.0	25.4	11.3	23.9	10.6	22.5	9.85	21.8	9.50	21.1	9.15	19.6	8.46
		-9.5	-10.0	25.4	10.9	23.9	10.2	22.5	9.48	21.8	9.14	21.1	8.81	19.6	8.15
		-8.5	-9.1	25.4	10.5	23.9	9.84	22.5	9.17	21.8	8.85	21.1	8.53	19.6	7.90
		-7.0	-7.6	25.4	9.96	23.9	9.33	22.5	8.71	21.8	8.40	21.1	8.10	19.6	7.51
		-5.0	-5.6	25.4	9.31	23.9	8.73	22.5	8.16	21.8	7.87	21.1	7.60	19.6	7.05
		-3.0	-3.7	25.4	8.77	23.9	8.23	22.5	7.70	21.8	7.44	21.1	7.18	19.6	6.67
		0.0	-0.7	25.4	8.05	23.9	7.56	22.5	7.08	21.8	6.85	21.1	6.61	19.6	6.16
		3.0	2.2	25.4	7.46	23.9	7.02	22.5	6.58	21.8	6.37	21.1	6.15	19.6	5.74
		5.0	4.1	25.4	7.12	23.9	6.71	22.5	6.29	21.8	6.09	21.1	5.89	19.6	5.50
		7.0	6.0	25.4	6.82	23.9	6.42	22.5	6.03	21.8	5.84	21.1	5.65	19.6	5.28
		9.0	7.9	25.4	6.54	23.9	6.17	22.5	5.80	21.8	5.62	21.1	5.44	19.6	5.08
		11.0	9.8	25.4	6.29	23.9	5.93	22.5	5.58	21.8	5.41	21.1	5.24	19.6	4.90
		13.0	11.8	25.4	6.05	23.9	5.71	22.5	5.38	21.8	5.21	21.1	5.05	19.6	4.72
		15.0	13.7	25.4	5.84	23.9	5.51	22.5	5.19	21.8	5.04	21.1	4.88	19.6	4.57

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

U-16MX3XPS

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	520	-19.8	-20.0	23.0	3.29	22.9	4.15	22.8	5.01	22.7	5.44	22.7	5.88	22.6	6.74
		-18.8	-19.0	24.1	4.02	24.0	4.84	23.9	5.66	23.8	6.07	23.7	6.48	23.6	7.30
		-16.7	-17.0	26.2	5.28	26.1	6.03	26.0	6.78	25.9	7.16	25.9	7.53	25.7	8.28
		-14.7	-15.0	28.3	6.35	28.2	7.04	28.1	7.73	28.0	8.07	28.0	8.42	27.9	9.11
		-12.6	-13.0	30.5	7.26	30.3	7.89	30.2	8.53	30.2	8.85	30.1	9.17	30.0	9.81
		-10.5	-11.0	32.6	8.04	32.5	8.63	32.4	9.23	32.3	9.52	32.2	9.82	32.1	10.4
		-9.5	-10.0	33.6	8.39	33.5	8.96	33.4	9.54	33.4	9.82	33.3	10.1	33.2	10.7
		-8.5	-9.1	34.6	8.69	34.5	9.24	34.4	9.80	34.3	10.1	34.3	10.4	34.1	10.9
		-7.0	-7.6	36.2	9.14	36.1	9.68	36.0	10.2	35.9	10.5	35.8	10.7	35.7	11.3
		-5.0	-5.6	38.3	9.69	38.2	10.2	38.1	10.7	38.0	10.9	38.0	11.2	37.9	11.7
		-3.0	-3.7	40.3	10.2	40.2	10.6	40.1	11.1	40.0	11.3	40.0	11.6	39.9	12.1
		0.0	-0.7	43.5	10.8	43.4	11.2	43.3	11.7	43.2	11.9	43.2	12.1	43.1	12.6
		3.0	2.2	46.6	11.3	46.5	11.7	46.4	12.2	46.3	12.4	46.3	12.6	46.1	13.0
		5.0	4.1	48.6	11.6	48.5	12.0	48.4	12.4	48.3	12.6	48.3	12.8	48.2	13.2
		7.0	6.0	50.6	11.9	50.5	12.3	50.4	12.7	50.4	12.9	50.3	13.1	50.2	13.4
		9.0	7.9	52.7	12.2	52.5	12.6	52.4	12.9	52.4	13.1	52.3	13.3	52.2	13.6
		11.0	9.8	54.7	12.4	54.6	12.8	54.4	13.1	54.4	13.3	54.3	13.5	54.2	13.8
		13.0	11.8	56.8	12.7	56.7	13.0	56.6	13.3	56.5	13.5	56.5	13.7	56.3	14.0
		15.0	13.7	58.8	12.9	58.7	13.2	58.6	13.5	58.5	13.7	58.5	13.9	56.6	13.5
120	480	-19.8	-20.0	22.9	4.45	22.8	5.25	22.7	6.05	22.6	6.44	22.5	6.84	22.4	7.64
		-18.8	-19.0	23.9	5.13	23.8	5.89	23.7	6.64	23.7	7.02	23.6	7.40	23.5	8.16
		-16.7	-17.0	26.1	6.30	25.9	6.99	25.8	7.68	25.8	8.03	25.7	8.38	25.6	9.07
		-14.7	-15.0	28.2	7.28	28.1	7.92	28.0	8.55	27.9	8.87	27.9	9.19	27.8	9.83
		-12.6	-13.0	30.3	8.12	30.2	8.71	30.1	9.30	30.0	9.59	30.0	9.89	29.9	10.5
		-10.5	-11.0	32.4	8.84	32.3	9.39	32.2	9.94	32.2	10.2	32.1	10.5	32.0	11.0
		-9.5	-10.0	33.5	9.16	33.4	9.69	33.3	10.2	33.2	10.5	33.2	10.8	33.1	11.3
		-8.5	-9.1	34.4	9.44	34.3	9.95	34.2	10.5	34.2	10.7	34.1	11.0	34.0	11.5
		-7.0	-7.6	36.0	9.86	35.9	10.4	35.8	10.8	35.8	11.1	35.7	11.3	35.6	11.8
		-5.0	-5.6	38.2	10.4	38.1	10.8	38.0	11.3	37.9	11.5	37.8	11.8	37.7	12.2
		-3.0	-3.7	40.2	10.8	40.1	11.2	40.0	11.7	39.9	11.9	39.9	12.1	39.8	12.5
		0.0	-0.7	43.4	11.4	43.3	11.8	43.2	12.2	43.1	12.4	43.1	12.6	42.9	13.0
		3.0	2.2	46.4	11.9	46.3	12.3	46.2	12.6	46.2	12.8	46.1	13.0	46.0	13.4
		5.0	4.1	48.5	12.2	48.4	12.5	48.3	12.9	48.2	13.1	48.1	13.3	48.0	13.6
		7.0	6.0	50.5	12.4	50.4	12.8	50.3	13.1	50.2	13.3	50.2	13.5	50.1	13.8
		9.0	7.9	52.5	12.7	52.4	13.0	52.3	13.4	52.2	13.5	52.2	13.7	52.1	14.0
		11.0	9.8	54.5	12.9	54.4	13.2	54.3	13.6	54.3	13.7	54.2	13.9	52.3	13.5
		13.0	11.8	56.6	13.1	56.5	13.4	56.4	13.7	56.4	13.9	56.1	14.0	52.3	12.9
		15.0	13.7	58.7	13.3	58.6	13.6	58.5	13.9	58.1	13.9	56.1	13.4	52.3	12.3
110	440	-19.8	-20.0	22.7	5.62	22.6	6.35	22.5	7.08	22.5	7.45	22.4	7.81	22.3	8.54
		-18.8	-19.0	23.8	6.24	23.7	6.93	23.6	7.63	23.5	7.98	23.5	8.32	23.4	9.02
		-16.7	-17.0	25.9	7.31	25.8	7.95	25.7	8.58	25.7	8.90	25.6	9.22	25.5	9.85
		-14.7	-15.0	28.0	8.21	27.9	8.80	27.8	9.38	27.8	9.67	27.7	9.96	27.6	10.5
		-12.6	-13.0	30.1	8.98	30.0	9.52	30.0	10.1	29.9	10.3	29.9	10.6	29.8	11.1
		-10.5	-11.0	32.3	9.64	32.2	10.1	32.1	10.6	32.0	10.9	32.0	11.2	31.9	11.7
		-9.5	-10.0	33.3	9.94	33.2	10.4	33.1	10.9	33.1	11.2	33.0	11.4	32.9	11.9
		-8.5	-9.1	34.3	10.2	34.2	10.7	34.1	11.1	34.0	11.4	34.0	11.6	33.9	12.1
		-7.0	-7.6	35.9	10.6	35.8	11.0	35.7	11.5	35.6	11.7	35.6	11.9	35.5	12.4
		-5.0	-5.6	38.0	11.0	37.9	11.5	37.8	11.9	37.8	12.1	37.7	12.3	37.6	12.7
		-3.0	-3.7	40.0	11.4	39.9	11.8	39.8	12.2	39.8	12.4	39.7	12.6	39.6	13.0
		0.0	-0.7	43.2	12.0	43.1	12.4	43.0	12.7	43.0	12.9	42.9	13.1	42.8	13.5
		3.0	2.2	46.3	12.4	46.2	12.8	46.1	13.1	46.1	13.3	46.0	13.5	45.9	13.8
		5.0	4.1	48.3	12.7	48.2	13.0	48.1	13.4	48.1	13.5	48.0	13.7	47.9	14.0
		7.0	6.0	50.3	12.9	50.2	13.3	50.1	13.6	50.1	13.7	50.0	13.9	47.9	13.3
		9.0	7.9	52.3	13.2	52.3	13.5	52.2	13.8	52.1	13.9	51.5	13.8	47.9	12.7
		11.0	9.8	54.4	13.4	54.3	13.7	54.2	14.0	53.2	13.8	51.5	13.2	47.9	12.2
		13.0	11.8	56.5	13.6	56.4	13.9	55.0	13.6	53.2	13.1	51.5	12.6	47.9	11.6
		15.0	13.7	58.5	13.8	58.4	14.0	55.0	13.1	53.2	12.6	51.5	12.1	47.9	11.2

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	400	-19.8	-20.0	22.6	6.79	22.5	7.45	22.4	8.11	22.3	8.45	22.3	8.78	22.2	9.44
		-18.8	-19.0	23.6	7.35	23.5	7.98	23.4	8.61	23.4	8.93	23.4	9.24	23.3	9.88
		-16.7	-17.0	25.7	8.32	25.7	8.90	25.6	9.48	25.5	9.77	25.5	10.1	25.4	10.6
		-14.7	-15.0	27.9	9.14	27.8	9.68	27.7	10.2	27.6	10.5	27.6	10.7	27.5	11.3
		-12.6	-13.0	30.0	9.84	29.9	10.3	29.8	10.8	29.8	11.1	29.7	11.3	29.6	11.8
		-10.5	-11.0	32.1	10.4	32.0	10.9	31.9	11.4	31.9	11.6	31.9	11.8	31.8	12.3
		-9.5	-10.0	33.2	10.7	33.1	11.2	33.0	11.6	33.0	11.8	32.9	12.0	32.8	12.5
		-8.5	-9.1	34.1	10.9	34.0	11.4	34.0	11.8	33.9	12.0	33.9	12.2	33.8	12.7
		-7.0	-7.6	35.7	11.3	35.6	11.7	35.6	12.1	35.5	12.3	35.5	12.5	35.4	12.9
		-5.0	-5.6	37.9	11.7	37.8	12.1	37.7	12.5	37.6	12.7	37.6	12.9	37.5	13.3
		-3.0	-3.7	39.9	12.1	39.8	12.4	39.7	12.8	39.7	13.0	39.6	13.2	39.5	13.5
		0.0	-0.7	43.1	12.6	43.0	12.9	42.9	13.3	42.8	13.4	42.8	13.6	42.7	13.9
		3.0	2.2	46.1	13.0	46.1	13.3	46.0	13.6	45.9	13.8	45.9	13.9	43.6	13.2
		5.0	4.1	48.2	13.2	48.1	13.5	48.0	13.8	47.9	14.0	46.8	13.6	43.6	12.5
		7.0	6.0	50.2	13.5	50.1	13.7	50.0	14.0	48.4	13.5	46.8	13.0	43.6	11.9
		9.0	7.9	52.2	13.7	52.1	13.9	50.0	13.4	48.4	12.9	46.8	12.4	43.6	11.4
		11.0	9.8	54.2	13.8	53.2	13.7	50.0	12.8	48.4	12.3	46.8	11.8	43.6	10.9
		13.0	11.8	56.3	14.0	53.2	13.1	50.0	12.2	48.4	11.7	46.8	11.3	43.6	10.4
		15.0	13.7	56.4	13.5	53.2	12.6	50.0	11.7	48.4	11.3	46.8	10.9	43.6	10.0
90	360	-19.8	-20.0	22.4	7.95	22.3	8.55	22.2	9.15	22.2	9.45	22.2	9.75	22.1	10.3
		-18.8	-19.0	23.5	8.46	23.4	9.03	23.3	9.60	23.3	9.88	23.2	10.2	23.1	10.7
		-16.7	-17.0	25.6	9.34	25.5	9.86	25.4	10.4	25.4	10.6	25.3	10.9	25.3	11.4
		-14.7	-15.0	27.7	10.1	27.6	10.6	27.6	11.0	27.5	11.3	27.5	11.5	27.4	12.0
		-12.6	-13.0	29.8	10.7	29.8	11.1	29.7	11.6	29.6	11.8	29.6	12.0	29.5	12.5
		-10.5	-11.0	32.0	11.2	31.9	11.7	31.8	12.1	31.8	12.3	31.7	12.5	31.6	12.9
		-9.5	-10.0	33.0	11.5	32.9	11.9	32.9	12.3	32.8	12.5	32.8	12.7	32.7	13.1
		-8.5	-9.1	34.0	11.7	33.9	12.1	33.8	12.5	33.8	12.7	33.7	12.9	33.7	13.2
		-7.0	-7.6	35.6	12.0	35.5	12.4	35.4	12.8	35.4	12.9	35.3	13.1	35.3	13.5
		-5.0	-5.6	37.7	12.4	37.6	12.7	37.5	13.1	37.5	13.3	37.5	13.4	37.4	13.8
		-3.0	-3.7	39.7	12.7	39.6	13.0	39.6	13.4	39.5	13.5	39.5	13.7	39.2	13.9
		0.0	-0.7	42.9	13.2	42.8	13.5	42.7	13.8	42.7	13.9	42.1	13.8	39.2	12.7
		3.0	2.2	46.0	13.5	45.9	13.8	45.0	13.7	43.6	13.2	42.1	12.7	39.2	11.7
		5.0	4.1	48.0	13.8	47.9	14.0	45.0	13.0	43.6	12.5	42.1	12.0	39.2	11.1
		7.0	6.0	50.0	14.0	47.9	13.3	45.0	12.4	43.6	11.9	42.1	11.5	39.2	10.6
		9.0	7.9	50.8	13.6	47.9	12.7	45.0	11.8	43.6	11.4	42.1	11.0	39.2	10.1
		11.0	9.8	50.8	13.0	47.9	12.1	45.0	11.3	43.6	10.9	42.1	10.5	39.2	9.69
		13.0	11.8	50.8	12.4	47.9	11.6	45.0	10.8	43.6	10.4	42.1	10.0	39.2	9.28
		15.0	13.7	50.8	11.9	47.9	11.1	45.0	10.4	43.6	10.0	42.1	9.65	39.2	8.93
80	320	-19.8	-20.0	22.2	9.12	22.2	9.65	22.1	10.2	22.1	10.4	22.0	10.7	22.0	11.2
		-18.8	-19.0	23.3	9.57	23.2	10.1	23.2	10.6	23.1	10.8	23.1	11.1	23.0	11.6
		-16.7	-17.0	25.4	10.4	25.4	10.8	25.3	11.3	25.3	11.5	25.2	11.7	25.2	12.2
		-14.7	-15.0	27.6	11.0	27.5	11.4	27.4	11.9	27.4	12.1	27.3	12.3	27.3	12.7
		-12.6	-13.0	29.7	11.6	29.6	12.0	29.5	12.4	29.5	12.5	29.5	12.7	29.4	13.1
		-10.5	-11.0	31.8	12.1	31.7	12.4	31.7	12.8	31.6	13.0	31.6	13.1	31.5	13.5
		-9.5	-10.0	32.9	12.3	32.8	12.6	32.7	13.0	32.7	13.2	32.7	13.3	32.6	13.7
		-8.5	-9.1	33.8	12.5	33.8	12.8	33.7	13.1	33.6	13.3	33.6	13.5	33.5	13.8
		-7.0	-7.6	35.4	12.7	35.3	13.1	35.3	13.4	35.2	13.6	35.2	13.7	34.9	13.9
		-5.0	-5.6	37.5	13.1	37.5	13.4	37.4	13.7	37.4	13.8	37.3	14.0	34.9	12.9
		-3.0	-3.7	39.6	13.4	39.5	13.7	39.4	13.9	38.7	13.7	37.4	13.2	34.9	12.1
		0.0	-0.7	42.7	13.8	42.6	14.0	40.0	13.0	38.7	12.5	37.4	12.0	34.9	11.1
		3.0	2.2	45.1	13.8	42.6	12.8	40.0	11.9	38.7	11.5	37.4	11.1	34.9	10.2
		5.0	4.1	45.1	13.1	42.6	12.2	40.0	11.4	38.7	10.9	37.4	10.5	34.9	9.73
		7.0	6.0	45.1	12.4	42.6	11.6	40.0	10.8	38.7	10.4	37.4	10.0	34.9	9.29
		9.0	7.9	45.1	11.9	42.6	11.1	40.0	10.3	38.7	9.97	37.4	9.61	34.9	8.89
		11.0	9.8	45.1	11.3	42.6	10.6	40.0	9.91	38.7	9.56	37.4	9.21	34.9	8.53
		13.0	11.8	45.1	10.9	42.6	10.2	40.0	9.49	38.7	9.15	37.4	8.83	34.9	8.18
		15.0	13.7	45.1	10.4	42.6	9.76	40.0	9.12	38.7	8.81	37.4	8.49	34.9	7.88

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	280	-19.8	-20.0	22.1	10.3	22.0	10.7	22.0	11.2	21.9	11.4	21.9	11.7	21.8	12.1
		-18.8	-19.0	23.2	10.7	23.1	11.1	23.0	11.6	23.0	11.8	23.0	12.0	22.9	12.4
		-16.7	-17.0	25.3	11.4	25.2	11.8	25.2	12.2	25.1	12.4	25.1	12.6	25.0	13.0
		-14.7	-15.0	27.4	11.9	27.3	12.3	27.3	12.7	27.2	12.9	27.2	13.1	27.2	13.4
		-12.6	-13.0	29.5	12.4	29.5	12.8	29.4	13.1	29.4	13.3	29.3	13.5	29.3	13.8
		-10.5	-11.0	31.7	12.9	31.6	13.2	31.5	13.5	31.5	13.7	31.5	13.8	30.5	13.5
		-9.5	-10.0	32.7	13.0	32.7	13.4	32.6	13.7	32.6	13.8	32.5	14.0	30.5	13.0
		-8.5	-9.1	33.7	13.2	33.6	13.5	33.5	13.8	33.5	14.0	32.8	13.6	30.5	12.5
		-7.0	-7.6	35.3	13.5	35.2	13.7	35.0	13.9	33.9	13.4	32.8	12.9	30.5	11.9
		-5.0	-5.6	37.4	13.7	37.2	14.0	35.0	13.0	33.9	12.5	32.8	12.0	30.5	11.1
		-3.0	-3.7	39.4	14.0	37.2	13.1	35.0	12.2	33.9	11.7	32.8	11.3	30.5	10.4
		0.0	-0.7	39.5	12.8	37.2	11.9	35.0	11.1	33.9	10.7	32.8	10.3	30.5	9.54
		3.0	2.2	39.5	11.8	37.2	11.0	35.0	10.3	33.9	9.90	32.8	9.54	30.5	8.83
		5.0	4.1	39.5	11.2	37.2	10.5	35.0	9.78	33.9	9.43	32.8	9.09	30.5	8.42
		7.0	6.0	39.5	10.7	37.2	10.00	35.0	9.33	33.9	9.01	32.8	8.69	30.5	8.06
		9.0	7.9	39.5	10.2	37.2	9.56	35.0	8.93	33.9	8.63	32.8	8.32	30.5	7.72
		11.0	9.8	39.5	9.77	37.2	9.16	35.0	8.57	33.9	8.28	32.8	7.99	30.5	7.42
		13.0	11.8	39.5	9.36	37.2	8.78	35.0	8.22	33.9	7.94	32.8	7.67	30.5	7.13
		15.0	13.7	39.5	9.00	37.2	8.45	35.0	7.91	33.9	7.65	32.8	7.39	30.5	6.87
60	240	-19.8	-20.0	21.9	11.5	21.9	11.8	21.8	12.2	21.8	12.4	21.8	12.6	21.7	13.0
		-18.8	-19.0	23.0	11.8	22.9	12.2	22.9	12.5	22.9	12.7	22.8	12.9	22.8	13.3
		-16.7	-17.0	25.1	12.4	25.1	12.7	25.0	13.1	25.0	13.2	25.0	13.4	24.9	13.8
		-14.7	-15.0	27.2	12.9	27.2	13.2	27.1	13.5	27.1	13.7	27.1	13.8	26.1	13.4
		-12.6	-13.0	29.4	13.3	29.3	13.6	29.3	13.9	29.0	13.9	28.1	13.3	26.1	12.3
		-10.5	-11.0	31.5	13.7	31.4	13.9	30.0	13.2	29.0	12.7	28.1	12.3	26.1	11.3
		-9.5	-10.0	32.6	13.8	31.9	13.7	30.0	12.7	29.0	12.3	28.1	11.8	26.1	10.9
		-8.5	-9.1	33.5	14.0	31.9	13.2	30.0	12.3	29.0	11.8	28.1	11.4	26.1	10.5
		-7.0	-7.6	33.9	13.4	31.9	12.5	30.0	11.6	29.0	11.2	28.1	10.8	26.1	9.96
		-5.0	-5.6	33.9	12.5	31.9	11.7	30.0	10.9	29.0	10.5	28.1	10.1	26.1	9.33
		-3.0	-3.7	33.9	11.7	31.9	11.0	30.0	10.2	29.0	9.86	28.1	9.50	26.1	8.80
		0.0	-0.7	33.9	10.7	31.9	10.0	30.0	9.37	29.0	9.04	28.1	8.72	26.1	8.08
		3.0	2.2	33.9	9.89	31.9	9.28	30.0	8.67	29.0	8.38	28.1	8.08	26.1	7.51
		5.0	4.1	33.9	9.43	31.9	8.84	30.0	8.28	29.0	8.00	28.1	7.72	26.1	7.17
		7.0	6.0	33.9	9.00	31.9	8.45	30.0	7.92	29.0	7.65	28.1	7.39	26.1	6.87
		9.0	7.9	33.9	8.62	31.9	8.10	30.0	7.59	29.0	7.34	28.1	7.09	26.1	6.60
		11.0	9.8	33.9	8.27	31.9	7.78	30.0	7.29	29.0	7.05	28.1	6.82	26.1	6.35
		13.0	11.8	33.9	7.94	31.9	7.47	30.0	7.01	29.0	6.78	28.1	6.56	26.1	6.11
		15.0	13.7	33.9	7.64	31.9	7.20	30.0	6.76	29.0	6.54	28.1	6.33	26.1	5.91
50	200	-19.8	-20.0	21.8	12.6	21.7	12.9	21.7	13.3	21.7	13.4	21.7	13.6	21.6	13.9
		-18.8	-19.0	22.8	12.9	22.8	13.2	22.8	13.5	22.7	13.7	22.7	13.8	21.8	13.3
		-16.7	-17.0	25.0	13.4	24.9	13.7	24.9	14.0	24.2	13.5	23.4	13.0	21.8	12.0
		-14.7	-15.0	27.1	13.8	26.6	13.7	25.0	12.7	24.2	12.3	23.4	11.8	21.8	10.9
		-12.6	-13.0	28.2	13.4	26.6	12.5	25.0	11.6	24.2	11.2	23.4	10.8	21.8	9.97
		-10.5	-11.0	28.2	12.3	26.6	11.5	25.0	10.7	24.2	10.3	23.4	9.96	21.8	9.21
		-9.5	-10.0	28.2	11.8	26.6	11.1	25.0	10.3	24.2	9.96	23.4	9.60	21.8	8.88
		-8.5	-9.1	28.2	11.5	26.6	10.7	25.0	9.99	24.2	9.64	23.4	9.29	21.8	8.60
		-7.0	-7.6	28.2	10.8	26.6	10.2	25.0	9.48	24.2	9.15	23.4	8.82	21.8	8.18
		-5.0	-5.6	28.2	10.1	26.6	9.51	25.0	8.88	24.2	8.58	23.4	8.28	21.8	7.68
		-3.0	-3.7	28.2	9.56	26.6	8.96	25.0	8.39	24.2	8.10	23.4	7.82	21.8	7.27
		0.0	-0.7	28.2	8.76	26.6	8.23	25.0	7.71	24.2	7.46	23.4	7.20	21.8	6.71
		3.0	2.2	28.2	8.13	26.6	7.64	25.0	7.17	24.2	6.94	23.4	6.70	21.8	6.25
		5.0	4.1	28.2	7.76	26.6	7.30	25.0	6.86	24.2	6.64	23.4	6.42	21.8	5.99
		7.0	6.0	28.2	7.43	26.6	7.00	25.0	6.57	24.2	6.36	23.4	6.16	21.8	5.75
		9.0	7.9	28.2	7.13	26.6	6.72	25.0	6.32	24.2	6.12	23.4	5.92	21.8	5.53
		11.0	9.8	28.2	6.85	26.6	6.46	25.0	6.08	24.2	5.89	23.4	5.71	21.8	5.34
		13.0	11.8	28.2	6.59	26.6	6.22	25.0	5.86	24.2	5.68	23.4	5.50	21.8	5.15
		15.0	13.7	28.2	6.36	26.6	6.01	25.0	5.66	24.2	5.49	23.4	5.32	21.8	4.98

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

PA-18MX3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	585	-19.8	-20.0	34.8	9.39	34.7	10.2	34.5	11.0	34.5	11.3	34.4	11.7	34.3	12.5
		-18.8	-19.0	35.8	9.82	35.7	10.6	35.6	11.3	35.5	11.7	35.4	12.1	35.3	12.8
		-16.7	-17.0	37.9	10.6	37.8	11.3	37.6	12.0	37.6	12.4	37.5	12.7	37.4	13.4
		-14.7	-15.0	39.9	11.3	39.8	12.0	39.7	12.6	39.6	13.0	39.5	13.3	39.4	14.0
		-12.6	-13.0	42.0	11.9	41.9	12.5	41.7	13.2	41.7	13.5	41.6	13.8	41.5	14.5
		-10.5	-11.0	44.0	12.5	43.9	13.1	43.8	13.7	43.7	14.0	43.7	14.3	43.5	14.9
		-9.5	-10.0	45.1	12.7	44.9	13.3	44.8	13.9	44.7	14.2	44.7	14.5	44.6	15.1
		-8.5	-9.1	46.0	13.0	45.9	13.5	45.7	14.1	45.7	14.4	45.6	14.7	45.5	15.3
		-7.0	-7.6	47.5	13.3	47.4	13.9	47.3	14.4	47.2	14.7	47.1	15.0	47.0	15.6
		-5.0	-5.6	49.6	13.7	49.5	14.3	49.3	14.8	49.3	15.1	49.2	15.4	49.1	15.9
		-3.0	-3.7	51.5	14.1	51.4	14.6	51.3	15.2	51.2	15.4	51.2	15.7	51.0	16.2
		0.0	-0.7	54.6	14.7	54.5	15.2	54.4	15.7	54.3	15.9	54.2	16.1	54.1	16.6
		3.0	2.2	57.6	15.2	57.5	15.6	57.3	16.1	57.3	16.3	57.2	16.5	57.1	17.0
		5.0	4.1	59.6	15.4	59.4	15.9	59.3	16.3	59.2	16.6	59.2	16.8	59.0	17.2
		7.0	6.0	61.5	15.7	61.4	16.2	61.2	16.6	61.2	16.8	61.1	17.0	61.0	17.4
		9.0	7.9	63.5	16.0	63.3	16.4	63.2	16.8	63.1	17.0	63.1	17.2	62.9	17.6
		11.0	9.8	65.4	16.2	65.3	16.6	65.1	17.0	65.1	17.2	65.0	17.4	64.0	17.5
		13.0	11.8	67.5	16.4	67.3	16.8	67.2	17.2	67.1	17.4	67.1	17.6	64.0	16.8
		15.0	13.7	69.4	16.7	69.3	17.0	69.2	17.4	69.1	17.6	68.7	17.7	64.0	16.2
120	540	-19.8	-20.0	34.6	10.4	34.5	11.2	34.4	11.9	34.3	12.2	34.3	12.6	34.2	13.3
		-18.8	-19.0	35.7	10.8	35.5	11.5	35.4	12.2	35.4	12.6	35.3	12.9	35.2	13.6
		-16.7	-17.0	37.7	11.6	37.6	12.2	37.5	12.9	37.4	13.2	37.4	13.5	37.2	14.2
		-14.7	-15.0	39.8	12.2	39.6	12.8	39.5	13.4	39.5	13.7	39.4	14.1	39.3	14.7
		-12.6	-13.0	41.8	12.8	41.7	13.4	41.6	13.9	41.5	14.2	41.5	14.5	41.3	15.1
		-10.5	-11.0	43.9	13.3	43.8	13.8	43.6	14.4	43.6	14.7	43.5	15.0	43.4	15.5
		-9.5	-10.0	44.9	13.5	44.8	14.1	44.7	14.6	44.6	14.9	44.5	15.2	44.4	15.7
		-8.5	-9.1	45.8	13.7	45.7	14.3	45.6	14.8	45.5	15.1	45.5	15.3	45.3	15.9
		-7.0	-7.6	47.4	14.1	47.2	14.6	47.1	15.1	47.1	15.4	47.0	15.6	46.9	16.1
		-5.0	-5.6	49.4	14.5	49.3	15.0	49.2	15.5	49.1	15.7	49.1	16.0	48.9	16.5
		-3.0	-3.7	51.4	14.8	51.2	15.3	51.1	15.8	51.1	16.0	51.0	16.3	50.9	16.7
		0.0	-0.7	54.4	15.3	54.3	15.8	54.2	16.2	54.1	16.5	54.1	16.7	54.0	17.1
		3.0	2.2	57.4	15.8	57.3	16.2	57.2	16.6	57.1	16.9	57.1	17.1	56.9	17.5
		5.0	4.1	59.4	16.1	59.3	16.5	59.1	16.9	59.1	17.1	59.0	17.3	58.9	17.7
		7.0	6.0	61.3	16.3	61.2	16.7	61.1	17.1	61.0	17.3	61.0	17.5	59.1	17.1
		9.0	7.9	63.3	16.5	63.2	16.9	63.0	17.3	63.0	17.5	62.9	17.7	59.1	16.5
		11.0	9.8	65.2	16.8	65.1	17.1	65.0	17.5	64.9	17.7	63.4	17.3	59.1	15.9
		13.0	11.8	67.3	17.0	67.2	17.3	67.0	17.7	65.6	17.3	63.4	16.6	59.1	15.3
		15.0	13.7	69.2	17.2	69.1	17.5	67.8	17.4	65.6	16.7	63.4	16.1	59.1	14.8
110	495	-19.8	-20.0	34.5	11.5	34.3	12.2	34.2	12.8	34.2	13.1	34.1	13.5	34.0	14.1
		-18.8	-19.0	35.5	11.9	35.4	12.5	35.3	13.1	35.2	13.5	35.2	13.8	35.0	14.4
		-16.7	-17.0	37.5	12.5	37.4	13.1	37.3	13.7	37.3	14.0	37.2	14.3	37.1	14.9
		-14.7	-15.0	39.6	13.1	39.5	13.7	39.4	14.2	39.3	14.5	39.3	14.8	39.1	15.4
		-12.6	-13.0	41.6	13.6	41.5	14.2	41.4	14.7	41.4	15.0	41.3	15.3	41.2	15.8
		-10.5	-11.0	43.7	14.1	43.6	14.6	43.5	15.1	43.4	15.4	43.4	15.7	43.3	16.2
		-9.5	-10.0	44.7	14.3	44.6	14.8	44.5	15.3	44.4	15.6	44.4	15.8	44.3	16.3
		-8.5	-9.1	45.6	14.5	45.5	15.0	45.4	15.5	45.4	15.8	45.3	16.0	45.2	16.5
		-7.0	-7.6	47.2	14.8	47.1	15.3	47.0	15.8	46.9	16.0	46.9	16.3	46.7	16.7
		-5.0	-5.6	49.2	15.2	49.1	15.7	49.0	16.1	49.0	16.3	48.9	16.6	48.8	17.0
		-3.0	-3.7	51.2	15.5	51.1	16.0	51.0	16.4	50.9	16.6	50.9	16.8	50.8	17.3
		0.0	-0.7	54.3	16.0	54.2	16.4	54.1	16.8	54.0	17.0	53.9	17.2	53.8	17.7
		3.0	2.2	57.3	16.4	57.1	16.8	57.0	17.2	57.0	17.4	56.9	17.6	54.2	16.7
		5.0	4.1	59.2	16.7	59.1	17.0	59.0	17.4	58.9	17.6	58.2	17.5	54.2	16.0
		7.0	6.0	61.2	16.9	61.0	17.3	60.9	17.6	60.2	17.5	58.2	16.8	54.2	15.4
		9.0	7.9	63.1	17.1	63.0	17.5	62.2	17.5	60.2	16.8	58.2	16.1	54.2	14.8
		11.0	9.8	65.1	17.3	64.9	17.7	62.2	16.8	60.2	16.2	58.2	15.6	54.2	14.3
		13.0	11.8	67.1	17.5	66.1	17.5	62.2	16.2	60.2	15.6	58.2	15.0	54.2	13.8
		15.0	13.7	69.1	17.7	66.1	16.9	62.2	15.7	60.2	15.1	58.2	14.5	54.2	13.4

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	450	-19.8	-20.0	34.3	12.6	34.2	13.1	34.1	13.7	34.0	14.0	34.0	14.3	33.9	14.9
		-18.8	-19.0	35.3	12.9	35.2	13.5	35.1	14.0	35.1	14.3	35.0	14.6	34.9	15.2
		-16.7	-17.0	37.4	13.5	37.3	14.0	37.2	14.6	37.1	14.8	37.1	15.1	37.0	15.7
		-14.7	-15.0	39.4	14.0	39.3	14.5	39.2	15.0	39.2	15.3	39.1	15.6	39.0	16.1
		-12.6	-13.0	41.5	14.5	41.4	15.0	41.3	15.5	41.2	15.7	41.2	16.0	41.1	16.5
		-10.5	-11.0	43.5	14.9	43.4	15.4	43.3	15.9	43.3	16.1	43.2	16.3	43.1	16.8
		-9.5	-10.0	44.5	15.1	44.4	15.6	44.3	16.0	44.3	16.3	44.2	16.5	44.1	17.0
		-8.5	-9.1	45.5	15.3	45.4	15.8	45.3	16.2	45.2	16.4	45.2	16.7	45.1	17.1
		-7.0	-7.6	47.0	15.6	46.9	16.0	46.8	16.5	46.8	16.7	46.7	16.9	46.6	17.3
		-5.0	-5.6	49.1	15.9	49.0	16.3	48.9	16.8	48.8	17.0	48.8	17.2	48.7	17.6
		-3.0	-3.7	51.0	16.2	50.9	16.6	50.8	17.0	50.8	17.2	50.7	17.4	49.2	17.1
		0.0	-0.7	54.1	16.7	54.0	17.0	53.9	17.4	53.8	17.6	52.9	17.3	49.2	15.9
		3.0	2.2	57.1	17.0	57.0	17.4	56.5	17.6	54.7	16.9	52.9	16.2	49.2	14.9
		5.0	4.1	59.0	17.3	58.9	17.6	56.5	16.9	54.7	16.2	52.9	15.6	49.2	14.3
		7.0	6.0	61.0	17.5	60.1	17.5	56.5	16.2	54.7	15.6	52.9	15.0	49.2	13.8
		9.0	7.9	62.9	17.7	60.1	16.8	56.5	15.6	54.7	15.0	52.9	14.4	49.2	13.3
		11.0	9.8	63.8	17.4	60.1	16.2	56.5	15.0	54.7	14.5	52.9	13.9	49.2	12.8
		13.0	11.8	63.8	16.7	60.1	15.6	56.5	14.5	54.7	14.0	52.9	13.4	49.2	12.4
		15.0	13.7	63.8	16.2	60.1	15.1	56.5	14.0	54.7	13.5	52.9	13.0	49.2	12.0
90	405	-19.8	-20.0	34.1	13.6	34.0	14.1	33.9	14.7	33.9	15.0	33.8	15.2	33.7	15.8
		-18.8	-19.0	35.1	13.9	35.0	14.4	35.0	14.9	34.9	15.2	34.9	15.5	34.8	16.0
		-16.7	-17.0	37.2	14.4	37.1	14.9	37.0	15.4	37.0	15.7	36.9	15.9	36.8	16.4
		-14.7	-15.0	39.2	14.9	39.1	15.4	39.1	15.9	39.0	16.1	39.0	16.3	38.9	16.8
		-12.6	-13.0	41.3	15.4	41.2	15.8	41.1	16.2	41.1	16.5	41.0	16.7	40.9	17.1
		-10.5	-11.0	43.3	15.8	43.3	16.2	43.2	16.6	43.1	16.8	43.1	17.0	43.0	17.4
		-9.5	-10.0	44.4	15.9	44.3	16.3	44.2	16.8	44.1	17.0	44.1	17.2	44.0	17.6
		-8.5	-9.1	45.3	16.1	45.2	16.5	45.1	16.9	45.1	17.1	45.0	17.3	44.3	17.3
		-7.0	-7.6	46.8	16.3	46.7	16.7	46.7	17.1	46.6	17.3	46.6	17.5	44.3	16.6
		-5.0	-5.6	48.9	16.7	48.8	17.0	48.7	17.4	48.7	17.6	47.6	17.2	44.3	15.8
		-3.0	-3.7	50.8	16.9	50.8	17.3	50.7	17.6	49.2	17.1	47.6	16.4	44.3	15.1
		0.0	-0.7	53.9	17.3	53.8	17.7	50.9	16.5	49.2	15.9	47.6	15.3	44.3	14.0
		3.0	2.2	56.9	17.7	54.1	16.7	50.9	15.5	49.2	14.9	47.6	14.3	44.3	13.2
		5.0	4.1	57.4	17.2	54.1	16.0	50.9	14.9	49.2	14.3	47.6	13.8	44.3	12.7
		7.0	6.0	57.4	16.5	54.1	15.4	50.9	14.3	49.2	13.8	47.6	13.3	44.3	12.2
		9.0	7.9	57.4	15.9	54.1	14.8	50.9	13.8	49.2	13.3	47.6	12.8	44.3	11.8
		11.0	9.8	57.4	15.3	54.1	14.3	50.9	13.3	49.2	12.8	47.6	12.3	44.3	11.4
		13.0	11.8	57.4	14.8	54.1	13.8	50.9	12.8	49.2	12.4	47.6	11.9	44.3	11.0
		15.0	13.7	57.4	14.3	54.1	13.3	50.9	12.4	49.2	12.0	47.6	11.5	44.3	10.7
80	360	-19.8	-20.0	33.9	14.7	33.8	15.1	33.8	15.6	33.7	15.9	33.7	16.1	33.6	16.6
		-18.8	-19.0	35.0	14.9	34.9	15.4	34.8	15.8	34.8	16.1	34.7	16.3	34.6	16.8
		-16.7	-17.0	37.0	15.4	36.9	15.8	36.9	16.3	36.8	16.5	36.8	16.7	36.7	17.2
		-14.7	-15.0	39.1	15.8	39.0	16.2	38.9	16.7	38.9	16.9	38.8	17.1	38.7	17.5
		-12.6	-13.0	41.1	16.2	41.0	16.6	41.0	17.0	40.9	17.2	40.9	17.4	39.4	16.8
		-10.5	-11.0	43.2	16.6	43.1	16.9	43.0	17.3	43.0	17.5	42.3	17.3	39.4	15.9
		-9.5	-10.0	44.2	16.7	44.1	17.1	44.0	17.5	43.7	17.5	42.3	16.8	39.4	15.4
		-8.5	-9.1	45.1	16.9	45.0	17.2	45.0	17.6	43.7	17.1	42.3	16.4	39.4	15.0
		-7.0	-7.6	46.7	17.1	46.6	17.5	45.2	17.0	43.7	16.4	42.3	15.7	39.4	14.5
		-5.0	-5.6	48.7	17.4	48.1	17.4	45.2	16.2	43.7	15.5	42.3	14.9	39.4	13.7
		-3.0	-3.7	50.7	17.6	48.1	16.6	45.2	15.4	43.7	14.8	42.3	14.3	39.4	13.1
		0.0	-0.7	51.0	16.6	48.1	15.5	45.2	14.4	43.7	13.8	42.3	13.3	39.4	12.3
		3.0	2.2	51.0	15.5	48.1	14.5	45.2	13.5	43.7	13.0	42.3	12.5	39.4	11.5
		5.0	4.1	51.0	14.9	48.1	13.9	45.2	13.0	43.7	12.5	42.3	12.0	39.4	11.1
		7.0	6.0	51.0	14.4	48.1	13.4	45.2	12.5	43.7	12.0	42.3	11.6	39.4	10.7
		9.0	7.9	51.0	13.8	48.1	12.9	45.2	12.1	43.7	11.6	42.3	11.2	39.4	10.4
		11.0	9.8	51.0	13.4	48.1	12.5	45.2	11.7	43.7	11.2	42.3	10.8	39.4	10.0
		13.0	11.8	51.0	12.9	48.1	12.1	45.2	11.3	43.7	10.9	42.3	10.5	39.4	9.70
		15.0	13.7	51.0	12.5	48.1	11.7	45.2	10.9	43.7	10.5	42.3	10.1	39.4	9.41

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	315	-19.8	-20.0	33.8	15.7	33.7	16.1	33.6	16.5	33.6	16.8	33.5	17.0	33.5	17.4
		-18.8	-19.0	34.8	15.9	34.7	16.3	34.6	16.8	34.6	17.0	34.6	17.2	34.5	17.5
		-16.7	-17.0	36.8	16.4	36.8	16.7	36.7	17.1	36.7	17.3	36.6	17.5	34.5	16.3
		-14.7	-15.0	38.9	16.7	38.8	17.1	38.7	17.5	38.3	17.3	37.0	16.6	34.5	15.3
		-12.6	-13.0	40.9	17.1	40.9	17.4	39.6	16.9	38.3	16.3	37.0	15.6	34.5	14.4
		-10.5	-11.0	43.0	17.4	42.1	17.2	39.6	15.9	38.3	15.3	37.0	14.7	34.5	13.6
		-9.5	-10.0	44.0	17.5	42.1	16.7	39.6	15.5	38.3	14.9	37.0	14.3	34.5	13.2
		-8.5	-9.1	44.6	17.5	42.1	16.3	39.6	15.1	38.3	14.5	37.0	14.0	34.5	12.9
		-7.0	-7.6	44.6	16.8	42.1	15.6	39.6	14.5	38.3	14.0	37.0	13.4	34.5	12.4
		-5.0	-5.6	44.6	15.9	42.1	14.8	39.6	13.8	38.3	13.3	37.0	12.8	34.5	11.8
		-3.0	-3.7	44.6	15.2	42.1	14.2	39.6	13.2	38.3	12.7	37.0	12.2	34.5	11.3
		0.0	-0.7	44.6	14.2	42.1	13.2	39.6	12.3	38.3	11.9	37.0	11.4	34.5	10.6
		3.0	2.2	44.6	13.3	42.1	12.4	39.6	11.6	38.3	11.2	37.0	10.8	34.5	9.98
		5.0	4.1	44.6	12.8	42.1	12.0	39.6	11.2	38.3	10.8	37.0	10.4	34.5	9.63
		7.0	6.0	44.6	12.3	42.1	11.5	39.6	10.8	38.3	10.4	37.0	10.0	34.5	9.30
		9.0	7.9	44.6	11.9	42.1	11.1	39.6	10.4	38.3	10.1	37.0	9.70	34.5	9.00
		11.0	9.8	44.6	11.5	42.1	10.8	39.6	10.1	38.3	9.73	37.0	9.39	34.5	8.72
		13.0	11.8	44.6	11.1	42.1	10.4	39.6	9.74	38.3	9.41	37.0	9.08	34.5	8.44
		15.0	13.7	44.6	10.8	42.1	10.1	39.6	9.45	38.3	9.13	37.0	8.82	34.5	8.20
60	270	-19.8	-20.0	33.6	16.8	33.5	17.1	33.5	17.5	32.8	17.1	31.7	16.5	29.5	15.1
		-18.8	-19.0	34.6	17.0	34.5	17.3	33.9	17.2	32.8	16.5	31.7	15.9	29.5	14.6
		-16.7	-17.0	36.7	17.3	36.1	17.3	33.9	16.0	32.8	15.4	31.7	14.8	29.5	13.6
		-14.7	-15.0	38.3	17.3	36.1	16.1	33.9	15.0	32.8	14.4	31.7	13.9	29.5	12.8
		-12.6	-13.0	38.3	16.3	36.1	15.2	33.9	14.1	32.8	13.6	31.7	13.1	29.5	12.1
		-10.5	-11.0	38.3	15.3	36.1	14.3	33.9	13.3	32.8	12.8	31.7	12.3	29.5	11.4
		-9.5	-10.0	38.3	14.9	36.1	13.9	33.9	13.0	32.8	12.5	31.7	12.0	29.5	11.1
		-8.5	-9.1	38.3	14.5	36.1	13.6	33.9	12.6	32.8	12.2	31.7	11.7	29.5	10.9
		-7.0	-7.6	38.3	14.0	36.1	13.1	33.9	12.2	32.8	11.7	31.7	11.3	29.5	10.5
		-5.0	-5.6	38.3	13.3	36.1	12.4	33.9	11.6	32.8	11.2	31.7	10.8	29.5	9.98
		-3.0	-3.7	38.3	12.7	36.1	11.9	33.9	11.1	32.8	10.7	31.7	10.3	29.5	9.56
		0.0	-0.7	38.3	11.9	36.1	11.1	33.9	10.4	32.8	10.0	31.7	9.68	29.5	8.98
		3.0	2.2	38.3	11.2	36.1	10.5	33.9	9.81	32.8	9.47	31.7	9.14	29.5	8.49
		5.0	4.1	38.3	10.8	36.1	10.1	33.9	9.46	32.8	9.14	31.7	8.83	29.5	8.21
		7.0	6.0	38.3	10.4	36.1	9.76	33.9	9.14	32.8	8.84	31.7	8.53	29.5	7.94
		9.0	7.9	38.3	10.0	36.1	9.44	33.9	8.84	32.8	8.55	31.7	8.26	29.5	7.69
		11.0	9.8	38.3	9.72	36.1	9.14	33.9	8.57	32.8	8.29	31.7	8.01	29.5	7.46
		13.0	11.8	38.3	9.41	36.1	8.85	33.9	8.30	32.8	8.03	31.7	7.76	29.5	7.23
		15.0	13.7	38.3	9.13	36.1	8.59	33.9	8.06	32.8	7.80	31.7	7.54	29.5	7.03
50	225	-19.8	-20.0	31.9	16.6	30.1	15.4	28.3	14.4	27.3	13.8	26.4	13.3	24.6	12.3
		-18.8	-19.0	31.9	16.0	30.1	14.9	28.3	13.8	27.3	13.3	26.4	12.8	24.6	11.8
		-16.7	-17.0	31.9	14.9	30.1	13.9	28.3	12.9	27.3	12.5	26.4	12.0	24.6	11.1
		-14.7	-15.0	31.9	14.0	30.1	13.0	28.3	12.2	27.3	11.7	26.4	11.3	24.6	10.4
		-12.6	-13.0	31.9	13.1	30.1	12.3	28.3	11.5	27.3	11.1	26.4	10.7	24.6	9.87
		-10.5	-11.0	31.9	12.4	30.1	11.6	28.3	10.9	27.3	10.5	26.4	10.1	24.6	9.36
		-9.5	-10.0	31.9	12.1	30.1	11.3	28.3	10.6	27.3	10.2	26.4	9.85	24.6	9.13
		-8.5	-9.1	31.9	11.8	30.1	11.1	28.3	10.3	27.3	9.98	26.4	9.63	24.6	8.93
		-7.0	-7.6	31.9	11.4	30.1	10.7	28.3	9.96	27.3	9.62	26.4	9.29	24.6	8.62
		-5.0	-5.6	31.9	10.8	30.1	10.2	28.3	9.51	27.3	9.19	26.4	8.87	24.6	8.25
		-3.0	-3.7	31.9	10.4	30.1	9.74	28.3	9.12	27.3	8.82	26.4	8.52	24.6	7.92
		0.0	-0.7	31.9	9.73	30.1	9.15	28.3	8.58	27.3	8.30	26.4	8.02	24.6	7.47
		3.0	2.2	31.9	9.19	30.1	8.65	28.3	8.12	27.3	7.85	26.4	7.59	24.6	7.08
		5.0	4.1	31.9	8.87	30.1	8.35	28.3	7.84	27.3	7.59	26.4	7.34	24.6	6.85
		7.0	6.0	31.9	8.58	30.1	8.08	28.3	7.59	27.3	7.35	26.4	7.11	24.6	6.64
		9.0	7.9	31.9	8.30	30.1	7.83	28.3	7.36	27.3	7.13	26.4	6.90	24.6	6.44
		11.0	9.8	31.9	8.05	30.1	7.59	28.3	7.14	27.3	6.92	26.4	6.70	24.6	6.26
		13.0	11.8	31.9	7.80	30.1	7.36	28.3	6.93	27.3	6.71	26.4	6.50	24.6	6.08
		15.0	13.7	31.9	7.58	30.1	7.16	28.3	6.74	27.3	6.53	26.4	6.33	24.6	5.92

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

PA-20MX3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	650	-19.8	-20.0	37.8	9.93	37.6	10.8	37.5	11.7	37.4	12.2	37.4	12.6	37.2	13.5
		-18.8	-19.0	38.9	10.4	38.8	11.3	38.6	12.2	38.5	12.6	38.5	13.0	38.3	13.9
		-16.7	-17.0	41.1	11.3	41.0	12.1	40.8	12.9	40.8	13.4	40.7	13.8	40.5	14.6
		-14.7	-15.0	43.4	12.1	43.2	12.9	43.1	13.7	43.0	14.0	42.9	14.4	42.8	15.2
		-12.6	-13.0	45.6	12.8	45.4	13.5	45.3	14.3	45.2	14.7	45.1	15.0	45.0	15.8
		-10.5	-11.0	47.8	13.5	47.7	14.2	47.5	14.9	47.4	15.2	47.4	15.6	47.2	16.3
		-9.5	-10.0	48.9	13.8	48.8	14.4	48.6	15.1	48.6	15.5	48.5	15.8	48.3	16.5
		-8.5	-9.1	49.9	14.0	49.8	14.7	49.6	15.4	49.6	15.7	49.5	16.0	49.3	16.7
		-7.0	-7.6	51.6	14.4	51.4	15.1	51.3	15.7	51.2	16.0	51.2	16.4	51.0	17.0
		-5.0	-5.6	53.8	14.9	53.7	15.6	53.5	16.2	53.5	16.5	53.4	16.8	53.2	17.4
		-3.0	-3.7	55.9	15.4	55.8	16.0	55.6	16.6	55.6	16.9	55.5	17.2	55.4	17.8
		0.0	-0.7	59.3	16.0	59.1	16.6	59.0	17.1	58.9	17.4	58.8	17.7	58.7	18.2
		3.0	2.2	62.5	16.6	62.4	17.1	62.2	17.6	62.1	17.9	62.1	18.1	61.9	18.7
		5.0	4.1	64.6	16.9	64.5	17.4	64.3	17.9	64.2	18.2	64.2	18.4	64.0	18.9
		7.0	6.0	66.7	17.2	66.6	17.7	66.4	18.2	66.4	18.4	66.3	18.7	66.1	19.2
		9.0	7.9	68.8	17.5	68.7	18.0	68.5	18.4	68.5	18.7	68.4	18.9	68.3	19.4
		11.0	9.8	71.0	17.8	70.8	18.2	70.7	18.7	70.6	18.9	70.5	19.2	70.4	19.6
		13.0	11.8	73.2	18.0	73.0	18.5	72.9	18.9	72.8	19.2	72.7	19.4	71.4	19.3
		15.0	13.7	75.3	18.3	75.1	18.7	75.0	19.2	74.9	19.4	74.9	19.6	71.4	18.7
120	600	-19.8	-20.0	37.6	11.1	37.5	12.0	37.3	12.8	37.3	13.2	37.2	13.6	37.1	14.4
		-18.8	-19.0	38.7	11.6	38.6	12.4	38.4	13.2	38.4	13.6	38.3	14.0	38.2	14.8
		-16.7	-17.0	40.9	12.4	40.8	13.2	40.7	13.9	40.6	14.3	40.5	14.7	40.4	15.4
		-14.7	-15.0	43.2	13.1	43.0	13.9	42.9	14.6	42.8	14.9	42.8	15.3	42.6	16.0
		-12.6	-13.0	45.4	13.8	45.3	14.5	45.1	15.2	45.1	15.5	45.0	15.8	44.9	16.5
		-10.5	-11.0	47.6	14.4	47.5	15.1	47.3	15.7	47.3	16.0	47.2	16.3	47.1	17.0
		-9.5	-10.0	48.7	14.7	48.6	15.3	48.5	15.9	48.4	16.3	48.3	16.6	48.2	17.2
		-8.5	-9.1	49.7	14.9	49.6	15.5	49.5	16.2	49.4	16.5	49.3	16.8	49.2	17.4
		-7.0	-7.6	51.4	15.3	51.3	15.9	51.1	16.5	51.1	16.8	51.0	17.1	50.9	17.7
		-5.0	-5.6	53.6	15.8	53.5	16.3	53.4	16.9	53.3	17.2	53.2	17.5	53.1	18.1
		-3.0	-3.7	55.7	16.2	55.6	16.7	55.5	17.3	55.4	17.5	55.3	17.8	55.2	18.4
		0.0	-0.7	59.1	16.8	58.9	17.3	58.8	17.8	58.7	18.1	58.7	18.3	58.5	18.8
		3.0	2.2	62.3	17.3	62.2	17.8	62.0	18.3	62.0	18.5	61.9	18.7	61.8	19.2
		5.0	4.1	64.4	17.6	64.3	18.1	64.1	18.5	64.1	18.8	64.0	19.0	63.9	19.5
		7.0	6.0	66.5	17.9	66.4	18.3	66.3	18.8	66.2	19.0	66.1	19.2	65.9	19.6
		9.0	7.9	68.6	18.1	68.5	18.6	68.4	19.0	68.3	19.2	68.2	19.5	65.9	18.9
		11.0	9.8	70.8	18.4	70.6	18.8	70.5	19.3	70.4	19.5	70.4	19.7	65.9	18.2
		13.0	11.8	73.0	18.6	72.9	19.1	72.7	19.5	72.7	19.7	70.7	19.1	65.9	17.6
		15.0	13.7	75.1	18.9	75.0	19.3	74.8	19.7	73.2	19.2	70.7	18.5	65.9	17.0
110	550	-19.8	-20.0	37.4	12.4	37.3	13.1	37.2	13.9	37.1	14.2	37.0	14.6	36.9	15.4
		-18.8	-19.0	38.5	12.8	38.4	13.5	38.3	14.2	38.2	14.6	38.1	15.0	38.0	15.7
		-16.7	-17.0	40.7	13.5	40.6	14.2	40.5	14.9	40.4	15.3	40.4	15.6	40.2	16.3
		-14.7	-15.0	43.0	14.2	42.8	14.8	42.7	15.5	42.7	15.8	42.6	16.2	42.5	16.8
		-12.6	-13.0	45.2	14.8	45.1	15.4	44.9	16.0	44.9	16.4	44.8	16.7	44.7	17.3
		-10.5	-11.0	47.4	15.4	47.3	15.9	47.2	16.5	47.1	16.8	47.0	17.1	46.9	17.7
		-9.5	-10.0	48.5	15.6	48.4	16.2	48.3	16.8	48.2	17.1	48.2	17.3	48.0	17.9
		-8.5	-9.1	49.5	15.8	49.4	16.4	49.3	17.0	49.2	17.2	49.2	17.5	49.0	18.1
		-7.0	-7.6	51.2	16.2	51.1	16.7	51.0	17.3	50.9	17.5	50.8	17.8	50.7	18.4
		-5.0	-5.6	53.4	16.6	53.3	17.1	53.2	17.7	53.1	17.9	53.1	18.2	52.9	18.7
		-3.0	-3.7	55.5	17.0	55.4	17.5	55.3	18.0	55.2	18.2	55.2	18.5	55.1	19.0
		0.0	-0.7	58.9	17.5	58.8	18.0	58.6	18.5	58.6	18.7	58.5	18.9	58.4	19.4
		3.0	2.2	62.1	18.0	62.0	18.4	61.9	18.9	61.8	19.1	61.7	19.3	60.4	19.2
		5.0	4.1	64.2	18.3	64.1	18.7	64.0	19.1	63.9	19.4	63.9	19.6	60.4	18.4
		7.0	6.0	66.3	18.5	66.2	19.0	66.1	19.4	66.0	19.6	64.8	19.3	60.4	17.7
		9.0	7.9	68.4	18.8	68.3	19.2	68.2	19.6	67.1	19.3	64.8	18.6	60.4	17.1
		11.0	9.8	70.6	19.0	70.4	19.4	69.3	19.4	67.1	18.6	64.8	17.9	60.4	16.5
		13.0	11.8	72.8	19.3	72.7	19.6	69.3	18.6	67.1	17.9	64.8	17.2	60.4	15.9
		15.0	13.7	74.9	19.5	73.8	19.4	69.3	18.0	67.1	17.3	64.8	16.7	60.4	15.3

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	500	-19.8	-20.0	37.2	13.6	37.1	14.3	37.0	14.9	36.9	15.3	36.9	15.6	36.8	16.3
		-18.8	-19.0	38.3	13.9	38.2	14.6	38.1	15.3	38.0	15.6	38.0	15.9	37.9	16.6
		-16.7	-17.0	40.5	14.6	40.4	15.3	40.3	15.9	40.3	16.2	40.2	16.5	40.1	17.1
		-14.7	-15.0	42.8	15.2	42.7	15.8	42.5	16.4	42.5	16.7	42.4	17.0	42.3	17.6
		-12.6	-13.0	45.0	15.8	44.9	16.4	44.8	16.9	44.7	17.2	44.7	17.5	44.6	18.1
		-10.5	-11.0	47.2	16.3	47.1	16.8	47.0	17.4	46.9	17.6	46.9	17.9	46.8	18.4
		-9.5	-10.0	48.3	16.5	48.2	17.1	48.1	17.6	48.1	17.8	48.0	18.1	47.9	18.6
		-8.5	-9.1	49.3	16.7	49.2	17.2	49.1	17.8	49.1	18.0	49.0	18.3	48.9	18.8
		-7.0	-7.6	51.0	17.0	50.9	17.5	50.8	18.0	50.7	18.3	50.7	18.5	50.6	19.0
		-5.0	-5.6	53.2	17.4	53.1	17.9	53.0	18.4	53.0	18.6	52.9	18.9	52.8	19.3
		-3.0	-3.7	55.3	17.8	55.2	18.2	55.1	18.7	55.1	18.9	55.0	19.2	54.9	19.6
		0.0	-0.7	58.7	18.3	58.6	18.7	58.5	19.1	58.4	19.4	58.4	19.6	54.9	18.3
		3.0	2.2	61.9	18.7	61.8	19.1	61.7	19.5	61.0	19.4	59.0	18.6	54.9	17.1
		5.0	4.1	64.0	19.0	63.9	19.4	63.0	19.4	61.0	18.6	59.0	17.9	54.9	16.5
		7.0	6.0	66.1	19.2	66.0	19.6	63.0	18.6	61.0	17.9	59.0	17.2	54.9	15.8
		9.0	7.9	68.3	19.4	67.0	19.3	63.0	17.9	61.0	17.2	59.0	16.6	54.9	15.3
		11.0	9.8	70.4	19.7	67.0	18.6	63.0	17.3	61.0	16.6	59.0	16.0	54.9	14.7
		13.0	11.8	71.1	19.2	67.0	17.9	63.0	16.7	61.0	16.0	59.0	15.4	54.9	14.2
		15.0	13.7	71.1	18.6	67.0	17.3	63.0	16.1	61.0	15.5	59.0	14.9	54.9	13.8
90	450	-19.8	-20.0	37.0	14.8	36.9	15.4	36.8	16.0	36.8	16.3	36.7	16.6	36.6	17.3
		-18.8	-19.0	38.1	15.1	38.0	15.7	37.9	16.3	37.9	16.6	37.8	16.9	37.7	17.5
		-16.7	-17.0	40.3	15.7	40.2	16.3	40.1	16.9	40.1	17.1	40.0	17.4	39.9	18.0
		-14.7	-15.0	42.6	16.3	42.5	16.8	42.4	17.4	42.3	17.6	42.3	17.9	42.2	18.4
		-12.6	-13.0	44.8	16.8	44.7	17.3	44.6	17.8	44.5	18.1	44.5	18.3	44.4	18.8
		-10.5	-11.0	47.0	17.2	46.9	17.7	46.8	18.2	46.8	18.5	46.7	18.7	46.6	19.2
		-9.5	-10.0	48.1	17.5	48.0	17.9	47.9	18.4	47.9	18.6	47.8	18.9	47.7	19.3
		-8.5	-9.1	49.1	17.6	49.0	18.1	48.9	18.6	48.9	18.8	48.8	19.0	48.7	19.5
		-7.0	-7.6	50.8	17.9	50.7	18.4	50.6	18.8	50.6	19.0	50.5	19.3	49.4	19.1
		-5.0	-5.6	53.0	18.3	52.9	18.7	52.8	19.1	52.8	19.3	52.7	19.6	49.4	18.1
		-3.0	-3.7	55.1	18.6	55.0	19.0	54.9	19.4	54.9	19.6	53.1	18.8	49.4	17.3
		0.0	-0.7	58.5	19.0	58.4	19.4	56.7	19.0	54.9	18.3	53.1	17.5	49.4	16.1
		3.0	2.2	61.7	19.4	60.3	19.2	56.7	17.8	54.9	17.1	53.1	16.5	49.4	15.2
		5.0	4.1	63.8	19.7	60.3	18.4	56.7	17.1	54.9	16.4	53.1	15.8	49.4	14.6
		7.0	6.0	64.0	19.0	60.3	17.7	56.7	16.4	54.9	15.8	53.1	15.2	49.4	14.0
		9.0	7.9	64.0	18.3	60.3	17.0	56.7	15.8	54.9	15.3	53.1	14.7	49.4	13.6
		11.0	9.8	64.0	17.6	60.3	16.4	56.7	15.3	54.9	14.7	53.1	14.2	49.4	13.1
		13.0	11.8	64.0	17.0	60.3	15.9	56.7	14.8	54.9	14.2	53.1	13.7	49.4	12.7
		15.0	13.7	64.0	16.4	60.3	15.3	56.7	14.3	54.9	13.8	53.1	13.3	49.4	12.3
80	400	-19.8	-20.0	36.8	16.0	36.7	16.5	36.6	17.1	36.6	17.4	36.5	17.6	36.5	18.2
		-18.8	-19.0	37.9	16.3	37.8	16.8	37.7	17.4	37.7	17.6	37.7	17.9	37.6	18.4
		-16.7	-17.0	40.2	16.8	40.1	17.3	40.0	17.8	39.9	18.1	39.9	18.3	39.8	18.9
		-14.7	-15.0	42.4	17.3	42.3	17.8	42.2	18.3	42.2	18.5	42.1	18.8	42.0	19.2
		-12.6	-13.0	44.6	17.8	44.5	18.2	44.4	18.7	44.4	18.9	44.3	19.1	43.9	19.4
		-10.5	-11.0	46.8	18.2	46.7	18.6	46.7	19.0	46.6	19.3	46.6	19.5	43.9	18.2
		-9.5	-10.0	47.9	18.4	47.9	18.8	47.8	19.2	47.7	19.4	47.2	19.3	43.9	17.7
		-8.5	-9.1	48.9	18.5	48.9	18.9	48.8	19.4	48.7	19.6	47.2	18.8	43.9	17.3
		-7.0	-7.6	50.6	18.8	50.5	19.2	50.4	19.6	48.8	18.8	47.2	18.1	43.9	16.6
		-5.0	-5.6	52.8	19.1	52.8	19.5	50.4	18.6	48.8	17.9	47.2	17.2	43.9	15.8
		-3.0	-3.7	55.0	19.4	53.6	19.1	50.4	17.7	48.8	17.0	47.2	16.4	43.9	15.1
		0.0	-0.7	56.9	19.0	53.6	17.8	50.4	16.5	48.8	15.9	47.2	15.3	43.9	14.1
		3.0	2.2	56.9	17.9	53.6	16.7	50.4	15.5	48.8	14.9	47.2	14.4	43.9	13.3
		5.0	4.1	56.9	17.1	53.6	16.0	50.4	14.9	48.8	14.4	47.2	13.8	43.9	12.8
		7.0	6.0	56.9	16.5	53.6	15.4	50.4	14.4	48.8	13.8	47.2	13.3	43.9	12.3
		9.0	7.9	56.9	15.9	53.6	14.9	50.4	13.9	48.8	13.4	47.2	12.9	43.9	11.9
		11.0	9.8	56.9	15.4	53.6	14.4	50.4	13.4	48.8	12.9	47.2	12.5	43.9	11.5
		13.0	11.8	56.9	14.8	53.6	13.9	50.4	12.9	48.8	12.5	47.2	12.0	43.9	11.2
		15.0	13.7	56.9	14.3	53.6	13.4	50.4	12.5	48.8	12.1	47.2	11.7	43.9	10.8

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	350	-19.8	-20.0	36.6	17.2	36.5	17.7	36.5	18.2	36.4	18.4	36.4	18.6	36.3	19.1
		-18.8	-19.0	37.7	17.5	37.7	17.9	37.6	18.4	37.5	18.6	37.5	18.9	37.4	19.3
		-16.7	-17.0	40.0	17.9	39.9	18.4	39.8	18.8	39.8	19.0	39.7	19.3	38.4	18.8
		-14.7	-15.0	42.2	18.4	42.1	18.8	42.0	19.2	42.0	19.4	41.3	19.1	38.4	17.6
		-12.6	-13.0	44.4	18.8	44.3	19.2	44.1	19.5	42.7	18.7	41.3	18.0	38.4	16.5
		-10.5	-11.0	46.6	19.1	46.6	19.5	44.1	18.3	42.7	17.6	41.3	16.9	38.4	15.6
		-9.5	-10.0	47.7	19.3	46.9	19.2	44.1	17.8	42.7	17.1	41.3	16.5	38.4	15.2
		-8.5	-9.1	48.8	19.4	46.9	18.7	44.1	17.4	42.7	16.7	41.3	16.1	38.4	14.8
		-7.0	-7.6	49.8	19.3	46.9	18.0	44.1	16.7	42.7	16.1	41.3	15.5	38.4	14.3
		-5.0	-5.6	49.8	18.3	46.9	17.1	44.1	15.9	42.7	15.3	41.3	14.7	38.4	13.6
		-3.0	-3.7	49.8	17.4	46.9	16.3	44.1	15.2	42.7	14.6	41.3	14.1	38.4	13.0
		0.0	-0.7	49.8	16.3	46.9	15.2	44.1	14.2	42.7	13.7	41.3	13.2	38.4	12.2
		3.0	2.2	49.8	15.3	46.9	14.3	44.1	13.3	42.7	12.9	41.3	12.4	38.4	11.5
		5.0	4.1	49.8	14.7	46.9	13.8	44.1	12.8	42.7	12.4	41.3	11.9	38.4	11.1
		7.0	6.0	49.8	14.2	46.9	13.3	44.1	12.4	42.7	12.0	41.3	11.5	38.4	10.7
		9.0	7.9	49.8	13.7	46.9	12.8	44.1	12.0	42.7	11.6	41.3	11.1	38.4	10.3
		11.0	9.8	49.8	13.2	46.9	12.4	44.1	11.6	42.7	11.2	41.3	10.8	38.4	10.0
		13.0	11.8	49.8	12.8	46.9	12.0	44.1	11.2	42.7	10.8	41.3	10.4	38.4	9.70
		15.0	13.7	49.8	12.4	46.9	11.6	44.1	10.9	42.7	10.5	41.3	10.1	38.4	9.42
60	300	-19.8	-20.0	36.4	18.4	36.4	18.8	36.3	19.2	36.3	19.4	35.4	18.9	32.9	17.4
		-18.8	-19.0	37.5	18.6	37.5	19.0	37.4	19.4	36.6	19.0	35.4	18.2	32.9	16.8
		-16.7	-17.0	39.8	19.0	39.7	19.4	37.8	18.4	36.6	17.7	35.4	17.0	32.9	15.7
		-14.7	-15.0	42.0	19.4	40.2	18.6	37.8	17.2	36.6	16.6	35.4	15.9	32.9	14.7
		-12.6	-13.0	42.7	18.7	40.2	17.4	37.8	16.2	36.6	15.6	35.4	15.0	32.9	13.9
		-10.5	-11.0	42.7	17.6	40.2	16.4	37.8	15.3	36.6	14.7	35.4	14.2	32.9	13.1
		-9.5	-10.0	42.7	17.1	40.2	16.0	37.8	14.9	36.6	14.3	35.4	13.8	32.9	12.8
		-8.5	-9.1	42.7	16.7	40.2	15.6	37.8	14.5	36.6	14.0	35.4	13.5	32.9	12.5
		-7.0	-7.6	42.7	16.1	40.2	15.0	37.8	14.0	36.6	13.5	35.4	13.0	32.9	12.0
		-5.0	-5.6	42.7	15.3	40.2	14.3	37.8	13.3	36.6	12.9	35.4	12.4	32.9	11.5
		-3.0	-3.7	42.7	14.6	40.2	13.7	37.8	12.8	36.6	12.3	35.4	11.9	32.9	11.0
		0.0	-0.7	42.7	13.6	40.2	12.8	37.8	11.9	36.6	11.5	35.4	11.1	32.9	10.3
		3.0	2.2	42.7	12.9	40.2	12.1	37.8	11.3	36.6	10.9	35.4	10.5	32.9	9.76
		5.0	4.1	42.7	12.4	40.2	11.6	37.8	10.9	36.6	10.5	35.4	10.1	32.9	9.43
		7.0	6.0	42.7	11.9	40.2	11.2	37.8	10.5	36.6	10.2	35.4	9.81	32.9	9.12
		9.0	7.9	42.7	11.5	40.2	10.8	37.8	10.2	36.6	9.83	35.4	9.50	32.9	8.84
		11.0	9.8	42.7	11.2	40.2	10.5	37.8	9.85	36.6	9.53	35.4	9.20	32.9	8.57
		13.0	11.8	42.7	10.8	40.2	10.2	37.8	9.54	36.6	9.23	35.4	8.92	32.9	8.31
		15.0	13.7	42.7	10.5	40.2	9.87	37.8	9.26	36.6	8.97	35.4	8.67	32.9	8.09
50	250	-19.8	-20.0	35.5	19.0	33.5	17.7	31.5	16.5	30.5	15.9	29.5	15.3	27.5	14.1
		-18.8	-19.0	35.5	18.3	33.5	17.1	31.5	15.9	30.5	15.3	29.5	14.7	27.5	13.6
		-16.7	-17.0	35.5	17.1	33.5	16.0	31.5	14.9	30.5	14.3	29.5	13.8	27.5	12.8
		-14.7	-15.0	35.5	16.0	33.5	15.0	31.5	14.0	30.5	13.5	29.5	13.0	27.5	12.0
		-12.6	-13.0	35.5	15.1	33.5	14.1	31.5	13.2	30.5	12.7	29.5	12.3	27.5	11.3
		-10.5	-11.0	35.5	14.3	33.5	13.4	31.5	12.5	30.5	12.0	29.5	11.6	27.5	10.8
		-9.5	-10.0	35.5	13.9	33.5	13.0	31.5	12.2	30.5	11.7	29.5	11.3	27.5	10.5
		-8.5	-9.1	35.5	13.6	33.5	12.7	31.5	11.9	30.5	11.5	29.5	11.1	27.5	10.3
		-7.0	-7.6	35.5	13.1	33.5	12.3	31.5	11.5	30.5	11.1	29.5	10.7	27.5	9.91
		-5.0	-5.6	35.5	12.5	33.5	11.7	31.5	10.9	30.5	10.6	29.5	10.2	27.5	9.48
		-3.0	-3.7	35.5	11.9	33.5	11.2	31.5	10.5	30.5	10.1	29.5	9.79	27.5	9.11
		0.0	-0.7	35.5	11.2	33.5	10.5	31.5	9.86	30.5	9.53	29.5	9.21	27.5	8.58
		3.0	2.2	35.5	10.6	33.5	9.94	31.5	9.33	30.5	9.03	29.5	8.73	27.5	8.14
		5.0	4.1	35.5	10.2	33.5	9.60	31.5	9.01	30.5	8.73	29.5	8.44	27.5	7.87
		7.0	6.0	35.5	9.86	33.5	9.29	31.5	8.72	30.5	8.45	29.5	8.17	27.5	7.63
		9.0	7.9	35.5	9.54	33.5	8.99	31.5	8.46	30.5	8.19	29.5	7.93	27.5	7.41
		11.0	9.8	35.5	9.25	33.5	8.72	31.5	8.21	30.5	7.95	29.5	7.70	27.5	7.20
		13.0	11.8	35.5	8.97	33.5	8.46	31.5	7.96	30.5	7.72	29.5	7.47	27.5	6.99
		15.0	13.7	35.5	8.71	33.5	8.22	31.5	7.74	30.5	7.51	29.5	7.27	27.5	6.81

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

PA-22MX3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	715	-19.8	-20.0	37.3	8.47	37.2	9.53	37.0	10.6	36.9	11.1	36.9	11.7	36.7	12.7
		-18.8	-19.0	38.6	9.15	38.5	10.2	38.3	11.2	38.3	11.7	38.2	12.2	38.0	13.2
		-16.7	-17.0	41.3	10.4	41.1	11.3	40.9	12.3	40.9	12.8	40.8	13.2	40.6	14.2
		-14.7	-15.0	43.9	11.4	43.7	12.3	43.6	13.2	43.5	13.7	43.4	14.1	43.2	15.0
		-12.6	-13.0	46.5	12.4	46.3	13.2	46.2	14.1	46.1	14.5	46.0	14.9	45.9	15.7
		-10.5	-11.0	49.1	13.2	49.0	14.0	48.8	14.8	48.7	15.2	48.6	15.6	48.5	16.4
		-9.5	-10.0	50.4	13.6	50.3	14.4	50.1	15.1	50.0	15.5	49.9	15.9	49.8	16.7
		-8.5	-9.1	51.6	13.9	51.4	14.7	51.3	15.4	51.2	15.8	51.1	16.2	51.0	16.9
		-7.0	-7.6	53.6	14.4	53.4	15.2	53.2	15.9	53.2	16.2	53.1	16.6	52.9	17.3
		-5.0	-5.6	56.2	15.1	56.0	15.7	55.9	16.4	55.8	16.8	55.7	17.1	55.5	17.8
		-3.0	-3.7	58.7	15.6	58.5	16.3	58.3	16.9	58.3	17.2	58.2	17.6	58.0	18.2
		0.0	-0.7	62.6	16.4	62.4	17.0	62.3	17.6	62.2	17.9	62.1	18.2	61.9	18.8
		3.0	2.2	66.4	17.0	66.2	17.6	66.1	18.2	66.0	18.5	65.9	18.7	65.7	19.3
		5.0	4.1	68.9	17.4	68.7	18.0	68.5	18.5	68.5	18.8	68.4	19.1	68.2	19.6
		7.0	6.0	71.3	17.8	71.2	18.3	71.0	18.8	70.9	19.1	70.9	19.4	70.7	19.9
		9.0	7.9	73.8	18.1	73.7	18.6	73.5	19.1	73.4	19.4	73.4	19.6	73.2	20.2
		11.0	9.8	76.3	18.4	76.2	18.9	76.0	19.4	75.9	19.7	75.8	19.9	75.7	20.4
		13.0	11.8	78.9	18.7	78.8	19.2	78.6	19.7	78.5	19.9	78.5	20.2	78.2	20.6
		15.0	13.7	81.4	19.0	81.3	19.4	81.1	19.9	81.0	20.1	80.9	20.4	78.2	19.8
120	660	-19.8	-20.0	37.1	9.90	37.0	10.9	36.8	11.9	36.8	12.3	36.7	12.8	36.5	13.8
		-18.8	-19.0	38.4	10.5	38.3	11.5	38.1	12.4	38.1	12.9	38.0	13.4	37.9	14.3
		-16.7	-17.0	41.1	11.7	40.9	12.5	40.8	13.4	40.7	13.9	40.6	14.3	40.5	15.2
		-14.7	-15.0	43.7	12.6	43.5	13.5	43.4	14.3	43.3	14.7	43.2	15.1	43.1	15.9
		-12.6	-13.0	46.3	13.5	46.1	14.3	46.0	15.1	45.9	15.4	45.8	15.8	45.7	16.6
		-10.5	-11.0	48.9	14.3	48.8	15.0	48.6	15.7	48.5	16.1	48.5	16.5	48.3	17.2
		-9.5	-10.0	50.2	14.6	50.1	15.3	49.9	16.1	49.8	16.4	49.8	16.8	49.6	17.5
		-8.5	-9.1	51.4	14.9	51.2	15.6	51.1	16.3	51.0	16.7	50.9	17.0	50.8	17.7
		-7.0	-7.6	53.3	15.4	53.2	16.1	53.1	16.7	53.0	17.1	52.9	17.4	52.8	18.1
		-5.0	-5.6	56.0	16.0	55.8	16.6	55.7	17.3	55.6	17.6	55.5	17.9	55.4	18.5
		-3.0	-3.7	58.4	16.5	58.3	17.1	58.2	17.7	58.1	18.0	58.0	18.3	57.9	18.9
		0.0	-0.7	62.4	17.2	62.2	17.8	62.1	18.3	62.0	18.6	61.9	18.9	61.8	19.5
		3.0	2.2	66.2	17.8	66.0	18.3	65.9	18.9	65.8	19.1	65.7	19.4	65.6	19.9
		5.0	4.1	68.6	18.1	68.5	18.7	68.4	19.2	68.3	19.4	68.2	19.7	68.1	20.2
		7.0	6.0	71.1	18.5	71.0	19.0	70.8	19.5	70.8	19.7	70.7	20.0	70.5	20.5
		9.0	7.9	73.6	18.8	73.5	19.3	73.3	19.7	73.2	20.0	73.2	20.2	72.2	20.3
		11.0	9.8	76.1	19.1	76.0	19.5	75.8	20.0	75.7	20.2	75.7	20.5	72.2	19.5
		13.0	11.8	78.7	19.4	78.6	19.8	78.4	20.3	78.3	20.5	77.5	20.4	72.2	18.7
		15.0	13.7	81.2	19.6	81.1	20.0	80.9	20.5	80.1	20.4	77.5	19.6	72.2	18.0
110	605	-19.8	-20.0	36.9	11.3	36.8	12.2	36.6	13.1	36.6	13.6	36.5	14.0	36.4	14.9
		-18.8	-19.0	38.2	11.9	38.1	12.8	38.0	13.6	37.9	14.1	37.8	14.5	37.7	15.4
		-16.7	-17.0	40.8	12.9	40.7	13.8	40.6	14.6	40.5	15.0	40.4	15.4	40.3	16.2
		-14.7	-15.0	43.5	13.8	43.3	14.6	43.2	15.4	43.1	15.7	43.1	16.1	42.9	16.9
		-12.6	-13.0	46.1	14.6	45.9	15.4	45.8	16.1	45.7	16.4	45.7	16.8	45.5	17.5
		-10.5	-11.0	48.7	15.4	48.6	16.0	48.4	16.7	48.4	17.0	48.3	17.4	48.1	18.0
		-9.5	-10.0	50.0	15.7	49.9	16.3	49.7	17.0	49.7	17.3	49.6	17.6	49.5	18.3
		-8.5	-9.1	51.2	16.0	51.0	16.6	50.9	17.2	50.8	17.5	50.8	17.9	50.6	18.5
		-7.0	-7.6	53.1	16.4	53.0	17.0	52.9	17.6	52.8	17.9	52.7	18.2	52.6	18.8
		-5.0	-5.6	55.7	16.9	55.6	17.5	55.5	18.1	55.4	18.4	55.3	18.7	55.2	19.2
		-3.0	-3.7	58.2	17.4	58.1	17.9	58.0	18.5	57.9	18.8	57.8	19.0	57.7	19.6
		0.0	-0.7	62.2	18.0	62.0	18.5	61.9	19.1	61.8	19.3	61.8	19.6	61.6	20.1
		3.0	2.2	65.9	18.6	65.8	19.1	65.7	19.6	65.6	19.8	65.5	20.0	65.4	20.5
		5.0	4.1	68.4	18.9	68.3	19.4	68.2	19.8	68.1	20.1	68.0	20.3	66.1	20.0
		7.0	6.0	70.9	19.2	70.8	19.7	70.6	20.1	70.6	20.3	70.5	20.6	66.1	19.1
		9.0	7.9	73.4	19.5	73.3	19.9	73.1	20.4	73.1	20.6	71.0	19.9	66.1	18.3
		11.0	9.8	75.9	19.8	75.8	20.2	75.6	20.6	73.5	19.9	71.0	19.1	66.1	17.6
		13.0	11.8	78.5	20.0	78.4	20.4	75.9	19.9	73.5	19.1	71.0	18.4	66.1	16.9
		15.0	13.7	81.0	20.2	80.8	20.6	75.9	19.1	73.5	18.4	71.0	17.7	66.1	16.3

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	550	-19.8	-20.0	36.7	12.8	36.6	13.6	36.5	14.4	36.4	14.8	36.3	15.2	36.2	16.0
		-18.8	-19.0	38.0	13.3	37.9	14.1	37.8	14.9	37.7	15.3	37.6	15.6	37.5	16.4
		-16.7	-17.0	40.6	14.2	40.5	15.0	40.4	15.7	40.3	16.1	40.3	16.4	40.1	17.2
		-14.7	-15.0	43.2	15.1	43.1	15.7	43.0	16.4	42.9	16.8	42.9	17.1	42.8	17.8
		-12.6	-13.0	45.9	15.8	45.7	16.4	45.6	17.1	45.6	17.4	45.5	17.7	45.4	18.4
		-10.5	-11.0	48.5	16.4	48.3	17.0	48.2	17.6	48.2	17.9	48.1	18.2	48.0	18.9
		-9.5	-10.0	49.8	16.7	49.7	17.3	49.5	17.9	49.5	18.2	49.4	18.5	49.3	19.1
		-8.5	-9.1	51.0	17.0	50.8	17.5	50.7	18.1	50.7	18.4	50.6	18.7	50.5	19.3
		-7.0	-7.6	52.9	17.4	52.8	17.9	52.7	18.5	52.6	18.8	52.6	19.0	52.4	19.6
		-5.0	-5.6	55.5	17.8	55.4	18.4	55.3	18.9	55.2	19.2	55.2	19.4	55.0	20.0
		-3.0	-3.7	58.0	18.3	57.9	18.8	57.8	19.3	57.7	19.5	57.7	19.8	57.5	20.3
		0.0	-0.7	61.9	18.9	61.8	19.3	61.7	19.8	61.6	20.0	61.6	20.3	60.1	20.1
		3.0	2.2	65.7	19.4	65.6	19.8	65.5	20.2	65.4	20.5	64.6	20.3	60.1	18.6
		5.0	4.1	68.2	19.7	68.1	20.1	68.0	20.5	66.8	20.2	64.6	19.4	60.1	17.8
		7.0	6.0	70.7	19.9	70.6	20.3	69.0	20.1	66.8	19.3	64.6	18.6	60.1	17.1
		9.0	7.9	73.2	20.2	73.1	20.6	69.0	19.3	66.8	18.5	64.6	17.8	60.1	16.4
		11.0	9.8	75.7	20.4	73.4	19.9	69.0	18.5	66.8	17.8	64.6	17.1	60.1	15.8
		13.0	11.8	77.9	20.5	73.4	19.1	69.0	17.8	66.8	17.1	64.6	16.5	60.1	15.2
		15.0	13.7	77.9	19.7	73.4	18.4	69.0	17.1	66.8	16.5	64.6	15.9	60.1	14.6
90	495	-19.8	-20.0	36.5	14.2	36.4	14.9	36.3	15.7	36.2	16.0	36.2	16.4	36.1	17.1
		-18.8	-19.0	37.8	14.7	37.7	15.4	37.6	16.1	37.5	16.4	37.5	16.8	37.4	17.5
		-16.7	-17.0	40.4	15.5	40.3	16.2	40.2	16.8	40.1	17.2	40.1	17.5	40.0	18.2
		-14.7	-15.0	43.0	16.3	42.9	16.9	42.8	17.5	42.8	17.8	42.7	18.1	42.6	18.7
		-12.6	-13.0	45.6	16.9	45.5	17.5	45.4	18.1	45.4	18.4	45.3	18.7	45.2	19.2
		-10.5	-11.0	48.3	17.5	48.1	18.0	48.0	18.6	48.0	18.9	47.9	19.1	47.8	19.7
		-9.5	-10.0	49.6	17.8	49.5	18.3	49.3	18.8	49.3	19.1	49.2	19.4	49.1	19.9
		-8.5	-9.1	50.7	18.0	50.6	18.5	50.5	19.0	50.5	19.3	50.4	19.5	50.3	20.1
		-7.0	-7.6	52.7	18.3	52.6	18.8	52.5	19.3	52.4	19.6	52.4	19.8	52.3	20.3
		-5.0	-5.6	55.3	18.8	55.2	19.3	55.1	19.7	55.0	20.0	55.0	20.2	54.1	20.2
		-3.0	-3.7	57.8	19.2	57.7	19.6	57.6	20.1	57.5	20.3	57.5	20.5	54.1	19.2
		0.0	-0.7	61.7	19.7	61.6	20.1	61.5	20.5	60.1	20.0	58.1	19.3	54.1	17.7
		3.0	2.2	65.5	20.1	65.4	20.5	62.1	19.4	60.1	18.6	58.1	17.9	54.1	16.5
		5.0	4.1	68.0	20.4	66.1	19.9	62.1	18.5	60.1	17.8	58.1	17.1	54.1	15.8
		7.0	6.0	70.1	20.5	66.1	19.1	62.1	17.7	60.1	17.1	58.1	16.4	54.1	15.2
		9.0	7.9	70.1	19.6	66.1	18.3	62.1	17.0	60.1	16.4	58.1	15.8	54.1	14.6
		11.0	9.8	70.1	18.8	66.1	17.6	62.1	16.4	60.1	15.8	58.1	15.2	54.1	14.0
		13.0	11.8	70.1	18.1	66.1	16.9	62.1	15.7	60.1	15.2	58.1	14.6	54.1	13.5
		15.0	13.7	70.1	17.4	66.1	16.3	62.1	15.2	60.1	14.6	58.1	14.1	54.1	13.0
80	440	-19.8	-20.0	36.3	15.6	36.2	16.3	36.1	16.9	36.0	17.3	36.0	17.6	35.9	18.2
		-18.8	-19.0	37.6	16.0	37.5	16.7	37.4	17.3	37.3	17.6	37.3	17.9	37.2	18.6
		-16.7	-17.0	40.2	16.8	40.1	17.4	40.0	18.0	40.0	18.3	39.9	18.6	39.8	19.1
		-14.7	-15.0	42.8	17.5	42.7	18.0	42.6	18.6	42.6	18.8	42.5	19.1	42.4	19.7
		-12.6	-13.0	45.4	18.0	45.3	18.6	45.2	19.1	45.2	19.3	45.1	19.6	45.0	20.1
		-10.5	-11.0	48.0	18.6	47.9	19.0	47.9	19.5	47.8	19.8	47.8	20.0	47.7	20.5
		-9.5	-10.0	49.4	18.8	49.3	19.3	49.2	19.7	49.1	20.0	49.1	20.2	48.1	20.1
		-8.5	-9.1	50.5	19.0	50.4	19.5	50.3	19.9	50.3	20.2	50.2	20.4	48.1	19.6
		-7.0	-7.6	52.5	19.3	52.4	19.8	52.3	20.2	52.2	20.4	51.7	20.3	48.1	18.7
		-5.0	-5.6	55.1	19.7	55.0	20.1	54.9	20.5	53.4	19.9	51.7	19.1	48.1	17.6
		-3.0	-3.7	57.6	20.0	57.5	20.4	55.2	19.6	53.4	18.9	51.7	18.1	48.1	16.7
		0.0	-0.7	61.5	20.5	58.7	19.5	55.2	18.1	53.4	17.4	51.7	16.8	48.1	15.5
		3.0	2.2	62.3	19.4	58.7	18.1	55.2	16.9	53.4	16.3	51.7	15.6	48.1	14.4
		5.0	4.1	62.3	18.6	58.7	17.4	55.2	16.2	53.4	15.6	51.7	15.0	48.1	13.9
		7.0	6.0	62.3	17.8	58.7	16.6	55.2	15.5	53.4	14.9	51.7	14.4	48.1	13.3
		9.0	7.9	62.3	17.1	58.7	16.0	55.2	14.9	53.4	14.4	51.7	13.8	48.1	12.8
		11.0	9.8	62.3	16.4	58.7	15.4	55.2	14.3	53.4	13.8	51.7	13.3	48.1	12.3
		13.0	11.8	62.3	15.8	58.7	14.8	55.2	13.8	53.4	13.3	51.7	12.8	48.1	11.9
		15.0	13.7	62.3	15.2	58.7	14.3	55.2	13.3	53.4	12.9	51.7	12.4	48.1	11.5

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	385	-19.8	-20.0	36.1	17.1	36.0	17.6	35.9	18.2	35.8	18.5	35.8	18.8	35.7	19.3
		-18.8	-19.0	37.4	17.4	37.3	18.0	37.2	18.5	37.2	18.8	37.1	19.1	37.0	19.6
		-16.7	-17.0	40.0	18.1	39.9	18.6	39.8	19.1	39.8	19.4	39.7	19.6	39.6	20.1
		-14.7	-15.0	42.6	18.7	42.5	19.1	42.4	19.6	42.4	19.9	42.3	20.1	42.1	20.5
		-12.6	-13.0	45.2	19.2	45.1	19.6	45.0	20.1	45.0	20.3	45.0	20.5	42.1	19.0
		-10.5	-11.0	47.8	19.6	47.7	20.1	47.7	20.5	46.7	20.1	45.2	19.3	42.1	17.8
		-9.5	-10.0	49.1	19.8	49.1	20.3	48.3	20.2	46.7	19.5	45.2	18.7	42.1	17.2
		-8.5	-9.1	50.3	20.0	50.2	20.4	48.3	19.6	46.7	18.9	45.2	18.2	42.1	16.7
		-7.0	-7.6	52.3	20.3	51.4	20.2	48.3	18.8	46.7	18.1	45.2	17.4	42.1	16.0
		-5.0	-5.6	54.5	20.4	51.4	19.0	48.3	17.7	46.7	17.0	45.2	16.4	42.1	15.1
		-3.0	-3.7	54.5	19.3	51.4	18.0	48.3	16.8	46.7	16.2	45.2	15.6	42.1	14.4
		0.0	-0.7	54.5	17.9	51.4	16.7	48.3	15.5	46.7	15.0	45.2	14.4	42.1	13.3
		3.0	2.2	54.5	16.6	51.4	15.6	48.3	14.5	46.7	14.0	45.2	13.5	42.1	12.5
		5.0	4.1	54.5	15.9	51.4	14.9	48.3	13.9	46.7	13.4	45.2	12.9	42.1	12.0
		7.0	6.0	54.5	15.3	51.4	14.3	48.3	13.4	46.7	12.9	45.2	12.4	42.1	11.5
		9.0	7.9	54.5	14.7	51.4	13.8	48.3	12.9	46.7	12.4	45.2	12.0	42.1	11.1
		11.0	9.8	54.5	14.1	51.4	13.3	48.3	12.4	46.7	12.0	45.2	11.6	42.1	10.7
		13.0	11.8	54.5	13.6	51.4	12.8	48.3	11.9	46.7	11.5	45.2	11.1	42.1	10.4
		15.0	13.7	54.5	13.1	51.4	12.3	48.3	11.6	46.7	11.2	45.2	10.8	42.1	10.0
60	330	-19.8	-20.0	35.8	18.5	35.8	19.0	35.7	19.5	35.7	19.7	35.6	20.0	35.6	20.4
		-18.8	-19.0	37.2	18.8	37.1	19.3	37.0	19.8	37.0	20.0	36.9	20.2	36.1	20.0
		-16.7	-17.0	39.8	19.4	39.7	19.8	39.6	20.3	39.6	20.5	38.7	20.0	36.1	18.4
		-14.7	-15.0	42.4	19.9	42.3	20.3	41.4	20.1	40.1	19.3	38.7	18.5	36.1	17.1
		-12.6	-13.0	45.0	20.3	44.1	20.1	41.4	18.6	40.1	17.9	38.7	17.3	36.1	15.9
		-10.5	-11.0	46.7	20.1	44.1	18.7	41.4	17.4	40.1	16.8	38.7	16.1	36.1	14.9
		-9.5	-10.0	46.7	19.4	44.1	18.1	41.4	16.9	40.1	16.3	38.7	15.6	36.1	14.4
		-8.5	-9.1	46.7	18.9	44.1	17.6	41.4	16.4	40.1	15.8	38.7	15.2	36.1	14.1
		-7.0	-7.6	46.7	18.0	44.1	16.9	41.4	15.7	40.1	15.1	38.7	14.6	36.1	13.5
		-5.0	-5.6	46.7	17.0	44.1	15.9	41.4	14.8	40.1	14.3	38.7	13.8	36.1	12.8
		-3.0	-3.7	46.7	16.2	44.1	15.1	41.4	14.1	40.1	13.6	38.7	13.1	36.1	12.2
		0.0	-0.7	46.7	15.0	44.1	14.0	41.4	13.1	40.1	12.6	38.7	12.2	36.1	11.3
		3.0	2.2	46.7	14.0	44.1	13.1	41.4	12.3	40.1	11.8	38.7	11.4	36.1	10.6
		5.0	4.1	46.7	13.4	44.1	12.6	41.4	11.8	40.1	11.4	38.7	11.0	36.1	10.2
		7.0	6.0	46.7	12.9	44.1	12.1	41.4	11.3	40.1	11.0	38.7	10.6	36.1	9.84
		9.0	7.9	46.7	12.4	44.1	11.7	41.4	10.9	40.1	10.6	38.7	10.2	36.1	9.50
		11.0	9.8	46.7	12.0	44.1	11.3	41.4	10.5	40.1	10.2	38.7	9.86	36.1	9.19
		13.0	11.8	46.7	11.5	44.1	10.9	41.4	10.2	40.1	9.85	38.7	9.52	36.1	8.88
		15.0	13.7	46.7	11.2	44.1	10.5	41.4	9.86	40.1	9.54	38.7	9.23	36.1	8.61
50	275	-19.8	-20.0	35.6	19.9	35.6	20.3	34.5	19.8	33.4	19.1	32.3	18.3	30.1	16.9
		-18.8	-19.0	36.9	20.2	36.7	20.4	34.5	19.0	33.4	18.3	32.3	17.6	30.1	16.2
		-16.7	-17.0	38.9	20.2	36.7	18.8	34.5	17.5	33.4	16.8	32.3	16.2	30.1	14.9
		-14.7	-15.0	38.9	18.6	36.7	17.4	34.5	16.2	33.4	15.6	32.3	15.0	30.1	13.9
		-12.6	-13.0	38.9	17.4	36.7	16.2	34.5	15.1	33.4	14.6	32.3	14.0	30.1	13.0
		-10.5	-11.0	38.9	16.2	36.7	15.2	34.5	14.2	33.4	13.7	32.3	13.2	30.1	12.2
		-9.5	-10.0	38.9	15.7	36.7	14.7	34.5	13.7	33.4	13.3	32.3	12.8	30.1	11.9
		-8.5	-9.1	38.9	15.3	36.7	14.3	34.5	13.4	33.4	12.9	32.3	12.5	30.1	11.6
		-7.0	-7.6	38.9	14.6	36.7	13.7	34.5	12.8	33.4	12.4	32.3	11.9	30.1	11.1
		-5.0	-5.6	38.9	13.9	36.7	13.0	34.5	12.2	33.4	11.7	32.3	11.3	30.1	10.5
		-3.0	-3.7	38.9	13.2	36.7	12.4	34.5	11.6	33.4	11.2	32.3	10.8	30.1	10.1
		0.0	-0.7	38.9	12.3	36.7	11.5	34.5	10.8	33.4	10.4	32.3	10.1	30.1	9.40
		3.0	2.2	38.9	11.5	36.7	10.8	34.5	10.1	33.4	9.82	32.3	9.49	30.1	8.85
		5.0	4.1	38.9	11.0	36.7	10.4	34.5	9.76	33.4	9.45	32.3	9.14	30.1	8.53
		7.0	6.0	38.9	10.6	36.7	10.0	34.5	9.41	33.4	9.11	32.3	8.82	30.1	8.23
		9.0	7.9	38.9	10.3	36.7	9.67	34.5	9.09	33.4	8.80	32.3	8.52	30.1	7.96
		11.0	9.8	38.9	9.91	36.7	9.35	34.5	8.79	33.4	8.52	32.3	8.25	30.1	7.71
		13.0	11.8	38.9	9.57	36.7	9.03	34.5	8.50	33.4	8.24	32.3	7.98	30.1	7.47
		15.0	13.7	38.9	9.27	36.7	8.75	34.5	8.25	33.4	7.99	32.3	7.74	30.1	7.25

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

PA-24MX3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	780	-19.8	-20.0	43.2	11.0	43.1	12.2	42.9	13.4	42.8	13.9	42.7	14.5	42.5	15.7
		-18.8	-19.0	44.8	11.8	44.6	12.9	44.4	14.0	44.3	14.6	44.2	15.2	44.1	16.3
		-16.7	-17.0	47.8	13.1	47.6	14.2	47.4	15.2	47.4	15.7	47.3	16.3	47.1	17.3
		-14.7	-15.0	50.8	14.3	50.7	15.3	50.5	16.3	50.4	16.8	50.3	17.3	50.1	18.2
		-12.6	-13.0	53.9	15.3	53.7	16.3	53.5	17.2	53.4	17.7	53.3	18.1	53.2	19.0
		-10.5	-11.0	56.9	16.3	56.7	17.1	56.6	18.0	56.5	18.4	56.4	18.9	56.2	19.8
		-9.5	-10.0	58.4	16.7	58.2	17.5	58.1	18.4	58.0	18.8	57.9	19.2	57.7	20.1
		-8.5	-9.1	59.8	17.0	59.6	17.9	59.4	18.7	59.4	19.1	59.3	19.5	59.1	20.4
		-7.0	-7.6	62.1	17.6	61.9	18.4	61.7	19.2	61.6	19.6	61.5	20.0	61.4	20.8
		-5.0	-5.6	65.1	18.3	64.9	19.1	64.8	19.8	64.7	20.2	64.6	20.6	64.4	21.3
		-3.0	-3.7	68.0	18.9	67.8	19.6	67.6	20.3	67.6	20.7	67.5	21.1	67.3	21.8
		0.0	-0.7	72.6	19.7	72.4	20.4	72.2	21.1	72.1	21.4	72.0	21.8	71.9	22.5
		3.0	2.2	77.0	20.5	76.8	21.1	76.6	21.7	76.5	22.1	76.4	22.4	76.3	23.0
		5.0	4.1	79.8	20.9	79.7	21.5	79.5	22.1	79.4	22.4	79.3	22.7	79.1	23.3
		7.0	6.0	82.7	21.3	82.6	21.9	82.4	22.5	82.3	22.8	82.2	23.1	82.0	23.6
		9.0	7.9	85.6	21.6	85.4	22.2	85.3	22.8	85.2	23.1	85.1	23.4	84.9	23.9
		11.0	9.8	88.5	22.0	88.3	22.5	88.2	23.1	88.1	23.4	88.0	23.6	86.7	23.7
		13.0	11.8	91.5	22.3	91.4	22.9	91.2	23.4	91.1	23.7	91.0	23.9	86.7	22.7
		15.0	13.7	94.4	22.6	94.3	23.1	94.1	23.7	94.0	23.9	93.1	23.8	86.7	21.9
120	720	-19.8	-20.0	43.0	12.6	42.8	13.7	42.7	14.8	42.6	15.3	42.5	15.8	42.3	16.9
		-18.8	-19.0	44.5	13.3	44.4	14.3	44.2	15.4	44.1	15.9	44.0	16.4	43.9	17.5
		-16.7	-17.0	47.6	14.5	47.4	15.5	47.2	16.5	47.1	17.0	47.1	17.5	46.9	18.4
		-14.7	-15.0	50.6	15.6	50.4	16.5	50.3	17.4	50.2	17.9	50.1	18.4	49.9	19.3
		-12.6	-13.0	53.6	16.6	53.5	17.4	53.3	18.3	53.2	18.7	53.1	19.2	53.0	20.0
		-10.5	-11.0	56.7	17.4	56.5	18.2	56.3	19.1	56.3	19.5	56.2	19.9	56.0	20.7
		-9.5	-10.0	58.2	17.8	58.0	18.6	57.9	19.4	57.8	19.8	57.7	20.2	57.5	21.0
		-8.5	-9.1	59.6	18.2	59.4	18.9	59.2	19.7	59.2	20.1	59.1	20.5	58.9	21.2
		-7.0	-7.6	61.8	18.7	61.7	19.4	61.5	20.2	61.4	20.5	61.3	20.9	61.2	21.6
		-5.0	-5.6	64.9	19.3	64.7	20.0	64.5	20.7	64.5	21.1	64.4	21.4	64.2	22.1
		-3.0	-3.7	67.8	19.9	67.6	20.5	67.4	21.2	67.4	21.6	67.3	21.9	67.1	22.6
		0.0	-0.7	72.3	20.7	72.2	21.3	72.0	21.9	71.9	22.2	71.8	22.5	71.7	23.2
		3.0	2.2	76.7	21.3	76.6	21.9	76.4	22.5	76.3	22.8	76.2	23.1	76.1	23.7
		5.0	4.1	79.6	21.7	79.4	22.3	79.3	22.8	79.2	23.1	79.1	23.4	79.0	24.0
		7.0	6.0	82.5	22.1	82.3	22.6	82.2	23.2	82.1	23.4	82.0	23.7	80.0	23.4
		9.0	7.9	85.4	22.4	85.2	22.9	85.1	23.5	85.0	23.7	84.9	24.0	80.0	22.4
		11.0	9.8	88.3	22.7	88.1	23.2	87.9	23.8	87.9	24.0	85.9	23.5	80.0	21.5
		13.0	11.8	91.3	23.1	91.1	23.5	91.0	24.0	88.9	23.4	85.9	22.5	80.0	20.7
		15.0	13.7	94.2	23.3	94.0	23.8	91.8	23.5	88.9	22.5	85.9	21.7	80.0	19.9
110	660	-19.8	-20.0	42.8	14.2	42.6	15.2	42.5	16.2	42.4	16.7	42.3	17.2	42.2	18.1
		-18.8	-19.0	44.3	14.8	44.1	15.8	44.0	16.7	43.9	17.2	43.8	17.7	43.7	18.6
		-16.7	-17.0	47.3	16.0	47.2	16.9	47.0	17.7	46.9	18.2	46.9	18.6	46.7	19.5
		-14.7	-15.0	50.4	17.0	50.2	17.8	50.1	18.6	50.0	19.0	49.9	19.5	49.8	20.3
		-12.6	-13.0	53.4	17.8	53.2	18.6	53.1	19.4	53.0	19.8	52.9	20.2	52.8	21.0
		-10.5	-11.0	56.4	18.6	56.3	19.4	56.1	20.1	56.1	20.5	56.0	20.8	55.8	21.6
		-9.5	-10.0	58.0	19.0	57.8	19.7	57.7	20.4	57.6	20.8	57.5	21.1	57.4	21.9
		-8.5	-9.1	59.3	19.3	59.2	20.0	59.0	20.7	58.9	21.0	58.9	21.4	58.7	22.1
		-7.0	-7.6	61.6	19.8	61.4	20.4	61.3	21.1	61.2	21.5	61.2	21.8	61.0	22.5
		-5.0	-5.6	64.6	20.4	64.5	21.0	64.3	21.6	64.3	22.0	64.2	22.3	64.0	22.9
		-3.0	-3.7	67.5	20.9	67.4	21.5	67.2	22.1	67.2	22.4	67.1	22.7	66.9	23.3
		0.0	-0.7	72.1	21.6	71.9	22.1	71.8	22.7	71.7	23.0	71.6	23.3	71.5	23.9
		3.0	2.2	76.5	22.2	76.3	22.7	76.2	23.3	76.1	23.5	76.0	23.8	73.3	23.1
		5.0	4.1	79.4	22.5	79.2	23.1	79.1	23.6	79.0	23.8	78.7	24.0	73.3	22.0
		7.0	6.0	82.3	22.9	82.1	23.4	82.0	23.9	81.4	23.9	78.7	23.0	73.3	21.1
		9.0	7.9	85.1	23.2	85.0	23.7	84.2	23.8	81.4	22.9	78.7	22.0	73.3	20.2
		11.0	9.8	88.0	23.5	87.9	24.0	84.2	22.9	81.4	22.0	78.7	21.1	73.3	19.4
		13.0	11.8	91.1	23.8	89.6	23.7	84.2	22.0	81.4	21.1	78.7	20.3	73.3	18.7
		15.0	13.7	94.0	24.0	89.6	22.8	84.2	21.1	81.4	20.3	78.7	19.6	73.3	18.0

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
600	100	-19.8	-20.0	42.5	15.8	42.4	16.7	42.3	17.6	42.2	18.0	42.1	18.5	42.0	19.4
		-18.8	-19.0	44.0	16.3	43.9	17.2	43.8	18.1	43.7	18.5	43.6	18.9	43.5	19.8
		-16.7	-17.0	47.1	17.4	46.9	18.2	46.8	19.0	46.7	19.4	46.7	19.8	46.5	20.6
		-14.7	-15.0	50.1	18.3	50.0	19.0	49.8	19.8	49.8	20.2	49.7	20.6	49.6	21.3
		-12.6	-13.0	53.2	19.1	53.0	19.8	52.9	20.5	52.8	20.9	52.8	21.2	52.6	21.9
		-10.5	-11.0	56.2	19.8	56.1	20.5	55.9	21.1	55.9	21.5	55.8	21.8	55.7	22.5
		-9.5	-10.0	57.7	20.1	57.6	20.8	57.4	21.4	57.4	21.8	57.3	22.1	57.2	22.7
		-8.5	-9.1	59.1	20.4	58.9	21.0	58.8	21.7	58.7	22.0	58.7	22.3	58.5	23.0
		-7.0	-7.6	61.4	20.8	61.2	21.5	61.1	22.1	61.0	22.4	61.0	22.7	60.8	23.3
		-5.0	-5.6	64.4	21.4	64.3	22.0	64.1	22.5	64.1	22.8	64.0	23.1	63.9	23.7
		-3.0	-3.7	67.3	21.8	67.2	22.4	67.0	23.0	66.9	23.2	66.9	23.5	66.7	24.0
		0.0	-0.7	71.8	22.5	71.7	23.0	71.6	23.5	71.5	23.8	71.4	24.1	66.7	22.1
		3.0	2.2	76.2	23.0	76.1	23.5	76.0	24.0	74.0	23.3	71.6	22.4	66.7	20.6
		5.0	4.1	79.1	23.4	79.0	23.8	76.5	23.2	74.0	22.3	71.6	21.4	66.7	19.7
		7.0	6.0	82.0	23.7	81.4	23.9	76.5	22.2	74.0	21.3	71.6	20.5	66.7	18.9
		9.0	7.9	84.9	24.0	81.4	22.9	76.5	21.3	74.0	20.5	71.6	19.7	66.7	18.1
		11.0	9.8	86.3	23.6	81.4	22.0	76.5	20.4	74.0	19.7	71.6	18.9	66.7	17.4
		13.0	11.8	86.3	22.6	81.4	21.1	76.5	19.6	74.0	18.9	71.6	18.2	66.7	16.8
		15.0	13.7	86.3	21.8	81.4	20.3	76.5	18.9	74.0	18.2	71.6	17.5	66.7	16.2
90	540	-19.8	-20.0	42.3	17.3	42.2	18.2	42.0	19.0	42.0	19.4	41.9	19.8	41.8	20.6
		-18.8	-19.0	43.8	17.9	43.7	18.6	43.6	19.4	43.5	19.8	43.4	20.2	43.3	21.0
		-16.7	-17.0	46.8	18.8	46.7	19.5	46.6	20.3	46.5	20.6	46.5	21.0	46.4	21.7
		-14.7	-15.0	49.9	19.6	49.8	20.3	49.6	21.0	49.6	21.3	49.5	21.7	49.4	22.3
		-12.6	-13.0	52.9	20.3	52.8	21.0	52.7	21.6	52.6	21.9	52.6	22.3	52.4	22.9
		-10.5	-11.0	56.0	21.0	55.8	21.6	55.7	22.2	55.7	22.5	55.6	22.8	55.5	23.4
		-9.5	-10.0	57.5	21.3	57.4	21.9	57.2	22.5	57.2	22.7	57.1	23.0	57.0	23.6
		-8.5	-9.1	58.8	21.5	58.7	22.1	58.6	22.7	58.5	23.0	58.5	23.3	58.4	23.8
		-7.0	-7.6	61.1	21.9	61.0	22.5	60.9	23.0	60.8	23.3	60.8	23.6	60.0	23.7
		-5.0	-5.6	64.2	22.4	64.0	22.9	63.9	23.5	63.9	23.7	63.8	24.0	60.0	22.3
		-3.0	-3.7	67.0	22.8	66.9	23.3	66.8	23.8	66.6	24.0	64.4	23.1	60.0	21.2
		0.0	-0.7	71.6	23.4	71.5	23.9	68.9	23.0	66.6	22.1	64.4	21.3	60.0	19.6
		3.0	2.2	76.0	23.9	73.3	23.1	68.9	21.4	66.6	20.6	64.4	19.8	60.0	18.2
		5.0	4.1	77.7	23.6	73.3	22.0	68.9	20.5	66.6	19.7	64.4	18.9	60.0	17.5
		7.0	6.0	77.7	22.6	73.3	21.1	68.9	19.6	66.6	18.9	64.4	18.2	60.0	16.7
		9.0	7.9	77.7	21.7	73.3	20.2	68.9	18.8	66.6	18.1	64.4	17.4	60.0	16.1
		11.0	9.8	77.7	20.8	73.3	19.4	68.9	18.1	66.6	17.4	64.4	16.8	60.0	15.5
		13.0	11.8	77.7	20.0	73.3	18.7	68.9	17.4	66.6	16.8	64.4	16.1	60.0	14.9
		15.0	13.7	77.7	19.3	73.3	18.0	68.9	16.8	66.6	16.2	64.4	15.6	60.0	14.4
80	480	-19.8	-20.0	42.1	18.9	41.9	19.6	41.8	20.4	41.8	20.7	41.7	21.1	41.6	21.8
		-18.8	-19.0	43.6	19.4	43.5	20.1	43.4	20.8	43.3	21.1	43.2	21.5	43.1	22.2
		-16.7	-17.0	46.6	20.2	46.5	20.9	46.4	21.5	46.3	21.8	46.3	22.2	46.2	22.8
		-14.7	-15.0	49.6	21.0	49.5	21.6	49.4	22.2	49.4	22.5	49.3	22.8	49.2	23.4
		-12.6	-13.0	52.7	21.6	52.6	22.2	52.5	22.7	52.4	23.0	52.4	23.3	52.3	23.9
		-10.5	-11.0	55.7	22.2	55.6	22.7	55.5	23.2	55.5	23.5	55.4	23.8	53.3	23.0
		-9.5	-10.0	57.2	22.4	57.1	22.9	57.0	23.5	57.0	23.7	56.9	24.0	53.3	22.2
		-8.5	-9.1	58.6	22.6	58.5	23.2	58.4	23.7	58.3	23.9	57.3	23.5	53.3	21.6
		-7.0	-7.6	60.9	23.0	60.8	23.5	60.7	24.0	59.2	23.4	57.3	22.4	53.3	20.6
		-5.0	-5.6	63.9	23.4	63.8	23.9	61.2	22.9	59.2	22.0	57.3	21.1	53.3	19.4
		-3.0	-3.7	66.8	23.8	65.1	23.4	61.2	21.7	59.2	20.9	57.3	20.0	53.3	18.5
		0.0	-0.7	69.1	23.1	65.1	21.5	61.2	20.0	59.2	19.3	57.3	18.5	53.3	17.1
		3.0	2.2	69.1	21.5	65.1	20.0	61.2	18.6	59.2	18.0	57.3	17.3	53.3	16.0
		5.0	4.1	69.1	20.5	65.1	19.2	61.2	17.8	59.2	17.2	57.3	16.6	53.3	15.3
		7.0	6.0	69.1	19.7	65.1	18.4	61.2	17.1	59.2	16.5	57.3	15.9	53.3	14.7
		9.0	7.9	69.1	18.9	65.1	17.7	61.2	16.5	59.2	15.9	57.3	15.3	53.3	14.1
		11.0	9.8	69.1	18.1	65.1	17.0	61.2	15.8	59.2	15.3	57.3	14.7	53.3	13.6
		13.0	11.8	69.1	17.4	65.1	16.3	61.2	15.2	59.2	14.7	57.3	14.2	53.3	13.1
		15.0	13.7	69.1	16.8	65.1	15.8	61.2	14.7	59.2	14.2	57.3	13.7	53.3	12.7

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	420	-19.8	-20.0	41.8	20.5	41.7	21.1	41.6	21.8	41.6	22.1	41.5	22.4	41.4	23.0
		-18.8	-19.0	43.3	20.9	43.2	21.5	43.1	22.1	43.1	22.4	43.1	22.7	43.0	23.3
		-16.7	-17.0	46.4	21.6	46.3	22.2	46.2	22.8	46.1	23.1	46.1	23.3	46.0	23.9
		-14.7	-15.0	49.4	22.3	49.3	22.8	49.2	23.3	49.2	23.6	49.1	23.9	46.7	22.6
		-12.6	-13.0	52.4	22.8	52.4	23.3	52.3	23.8	51.8	23.8	50.1	22.9	46.7	21.0
		-10.5	-11.0	55.5	23.3	55.4	23.8	53.6	23.1	51.8	22.2	50.1	21.3	46.7	19.6
		-9.5	-10.0	57.0	23.6	56.9	24.0	53.6	22.3	51.8	21.5	50.1	20.6	46.7	19.0
		-8.5	-9.1	58.4	23.8	57.0	23.4	53.6	21.7	51.8	20.9	50.1	20.1	46.7	18.5
		-7.0	-7.6	60.4	23.9	57.0	22.3	53.6	20.7	51.8	19.9	50.1	19.2	46.7	17.7
		-5.0	-5.6	60.4	22.5	57.0	21.0	53.6	19.5	51.8	18.8	50.1	18.1	46.7	16.7
		-3.0	-3.7	60.4	21.4	57.0	19.9	53.6	18.5	51.8	17.9	50.1	17.2	46.7	15.9
		0.0	-0.7	60.4	19.7	57.0	18.4	53.6	17.2	51.8	16.5	50.1	15.9	46.7	14.7
		3.0	2.2	60.4	18.4	57.0	17.2	53.6	16.0	51.8	15.5	50.1	14.9	46.7	13.8
		5.0	4.1	60.4	17.6	57.0	16.5	53.6	15.4	51.8	14.8	50.1	14.3	46.7	13.2
		7.0	6.0	60.4	16.9	57.0	15.8	53.6	14.8	51.8	14.2	50.1	13.7	46.7	12.7
		9.0	7.9	60.4	16.2	57.0	15.2	53.6	14.2	51.8	13.7	50.1	13.2	46.7	12.3
		11.0	9.8	60.4	15.6	57.0	14.6	53.6	13.7	51.8	13.2	50.1	12.8	46.7	11.9
		13.0	11.8	60.4	15.0	57.0	14.1	53.6	13.2	51.8	12.7	50.1	12.3	46.7	11.4
		15.0	13.7	60.4	14.5	57.0	13.6	53.6	12.8	51.8	12.3	50.1	11.9	46.7	11.1
60	360	-19.8	-20.0	41.6	22.1	41.5	22.6	41.4	23.2	41.4	23.4	41.3	23.7	40.0	23.1
		-18.8	-19.0	43.1	22.4	43.0	23.0	42.9	23.5	42.9	23.7	42.9	24.0	40.0	22.1
		-16.7	-17.0	46.1	23.1	46.1	23.5	45.9	24.0	44.4	23.0	43.0	22.1	40.0	20.3
		-14.7	-15.0	49.2	23.6	48.8	23.9	45.9	22.2	44.4	21.3	43.0	20.5	40.0	18.8
		-12.6	-13.0	51.8	23.8	48.8	22.2	45.9	20.6	44.4	19.8	43.0	19.1	40.0	17.6
		-10.5	-11.0	51.8	22.2	48.8	20.7	45.9	19.2	44.4	18.5	43.0	17.8	40.0	16.5
		-9.5	-10.0	51.8	21.5	48.8	20.0	45.9	18.6	44.4	18.0	43.0	17.3	40.0	16.0
		-8.5	-9.1	51.8	20.9	48.8	19.5	45.9	18.1	44.4	17.5	43.0	16.8	40.0	15.5
		-7.0	-7.6	51.8	19.9	48.8	18.6	45.9	17.3	44.4	16.7	43.0	16.1	40.0	14.9
		-5.0	-5.6	51.8	18.8	48.8	17.6	45.9	16.4	44.4	15.8	43.0	15.2	40.0	14.1
		-3.0	-3.7	51.8	17.8	48.8	16.7	45.9	15.6	44.4	15.0	43.0	14.5	40.0	13.4
		0.0	-0.7	51.8	16.5	48.8	15.5	45.9	14.5	44.4	14.0	43.0	13.5	40.0	12.5
		3.0	2.2	51.8	15.5	48.8	14.5	45.9	13.6	44.4	13.1	43.0	12.6	40.0	11.7
		5.0	4.1	51.8	14.8	48.8	13.9	45.9	13.0	44.4	12.6	43.0	12.1	40.0	11.3
		7.0	6.0	51.8	14.2	48.8	13.4	45.9	12.5	44.4	12.1	43.0	11.7	40.0	10.9
		9.0	7.9	51.8	13.7	48.8	12.9	45.9	12.1	44.4	11.7	43.0	11.3	40.0	10.5
		11.0	9.8	51.8	13.2	48.8	12.4	45.9	11.7	44.4	11.3	43.0	10.9	40.0	10.1
		13.0	11.8	51.8	12.7	48.8	12.0	45.9	11.2	44.4	10.9	43.0	10.5	40.0	9.81
		15.0	13.7	51.8	12.3	48.8	11.6	45.9	10.9	44.4	10.5	43.0	10.2	40.0	9.51
50	300	-19.8	-20.0	41.3	23.7	40.7	23.6	38.3	21.9	37.0	21.1	35.8	20.2	33.3	18.6
		-18.8	-19.0	42.9	24.0	40.7	22.6	38.3	21.0	37.0	20.2	35.8	19.4	33.3	17.9
		-16.7	-17.0	43.2	22.3	40.7	20.8	38.3	19.3	37.0	18.6	35.8	17.9	33.3	16.5
		-14.7	-15.0	43.2	20.6	40.7	19.2	38.3	17.9	37.0	17.3	35.8	16.6	33.3	15.3
		-12.6	-13.0	43.2	19.2	40.7	17.9	38.3	16.7	37.0	16.1	35.8	15.5	33.3	14.3
		-10.5	-11.0	43.2	17.9	40.7	16.8	38.3	15.7	37.0	15.1	35.8	14.6	33.3	13.5
		-9.5	-10.0	43.2	17.4	40.7	16.3	38.3	15.2	37.0	14.7	35.8	14.1	33.3	13.1
		-8.5	-9.1	43.2	16.9	40.7	15.8	38.3	14.8	37.0	14.3	35.8	13.8	33.3	12.8
		-7.0	-7.6	43.2	16.2	40.7	15.2	38.3	14.2	37.0	13.7	35.8	13.2	33.3	12.2
		-5.0	-5.6	43.2	15.3	40.7	14.4	38.3	13.4	37.0	13.0	35.8	12.5	33.3	11.6
		-3.0	-3.7	43.2	14.6	40.7	13.7	38.3	12.8	37.0	12.4	35.8	11.9	33.3	11.1
		0.0	-0.7	43.2	13.5	40.7	12.7	38.3	11.9	37.0	11.5	35.8	11.1	33.3	10.4
		3.0	2.2	43.2	12.7	40.7	11.9	38.3	11.2	37.0	10.8	35.8	10.5	33.3	9.77
		5.0	4.1	43.2	12.2	40.7	11.5	38.3	10.8	37.0	10.4	35.8	10.1	33.3	9.42
		7.0	6.0	43.2	11.7	40.7	11.1	38.3	10.4	37.0	10.1	35.8	9.74	33.3	9.09
		9.0	7.9	43.2	11.3	40.7	10.7	38.3	10.0	37.0	9.72	35.8	9.41	33.3	8.79
		11.0	9.8	43.2	10.9	40.7	10.3	38.3	9.71	37.0	9.41	35.8	9.11	33.3	8.52
		13.0	11.8	43.2	10.6	40.7	9.98	38.3	9.39	37.0	9.10	35.8	8.81	33.3	8.25
		15.0	13.7	43.2	10.2	40.7	9.67	38.3	9.11	37.0	8.83	35.8	8.55	33.3	8.01

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

PA-26MX3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	845	-19.8	-20.0	44.0	9.73	43.8	11.0	43.6	12.2	43.5	12.8	43.4	13.4	43.2	14.6
		-18.8	-19.0	45.5	10.5	45.3	11.7	45.1	12.9	45.0	13.5	45.0	14.1	44.8	15.3
		-16.7	-17.0	48.6	11.9	48.4	13.0	48.2	14.1	48.1	14.7	48.0	15.3	47.8	16.4
		-14.7	-15.0	51.7	13.2	51.5	14.2	51.3	15.2	51.2	15.8	51.1	16.3	50.9	17.3
		-12.6	-13.0	54.7	14.3	54.6	15.2	54.4	16.2	54.3	16.7	54.2	17.2	54.0	18.2
		-10.5	-11.0	57.8	15.2	57.6	16.2	57.5	17.1	57.4	17.5	57.3	18.0	57.1	18.9
		-9.5	-10.0	59.4	15.7	59.2	16.6	59.0	17.5	58.9	17.9	58.8	18.4	58.6	19.3
		-8.5	-9.1	60.8	16.1	60.6	16.9	60.4	17.8	60.3	18.2	60.2	18.7	60.0	19.5
		-7.0	-7.6	63.1	16.7	62.9	17.5	62.7	18.3	62.6	18.8	62.5	19.2	62.3	20.0
		-5.0	-5.6	66.1	17.4	66.0	18.2	65.8	19.0	65.7	19.4	65.6	19.8	65.4	20.6
		-3.0	-3.7	69.1	18.0	68.9	18.8	68.7	19.5	68.6	19.9	68.5	20.3	68.3	21.1
		0.0	-0.7	73.7	18.9	73.5	19.6	73.3	20.3	73.2	20.7	73.1	21.0	72.9	21.7
		3.0	2.2	78.2	19.6	78.0	20.3	77.8	21.0	77.7	21.3	77.6	21.7	77.4	22.3
		5.0	4.1	81.1	20.1	80.9	20.7	80.7	21.4	80.6	21.7	80.5	22.0	80.3	22.7
		7.0	6.0	84.0	20.5	83.8	21.1	83.6	21.8	83.5	22.1	83.4	22.4	83.3	23.0
		9.0	7.9	86.9	20.9	86.7	21.5	86.6	22.1	86.5	22.4	86.4	22.7	86.2	23.3
		11.0	9.8	89.9	21.3	89.7	21.8	89.5	22.4	89.4	22.7	89.3	23.0	89.1	23.6
		13.0	11.8	92.9	21.6	92.7	22.2	92.6	22.7	92.5	23.0	92.4	23.3	92.2	23.9
		15.0	13.7	95.9	21.9	95.7	22.5	95.5	23.0	95.4	23.3	95.3	23.6	92.3	23.0
120	780	-19.8	-20.0	43.7	11.4	43.5	12.5	43.4	13.7	43.3	14.2	43.2	14.8	43.0	15.9
		-18.8	-19.0	45.3	12.1	45.1	13.2	44.9	14.3	44.8	14.9	44.7	15.4	44.6	16.5
		-16.7	-17.0	48.3	13.4	48.2	14.4	48.0	15.5	47.9	16.0	47.8	16.5	47.7	17.5
		-14.7	-15.0	51.4	14.6	51.2	15.5	51.1	16.5	51.0	17.0	50.9	17.4	50.7	18.4
		-12.6	-13.0	54.5	15.6	54.3	16.5	54.2	17.4	54.1	17.8	54.0	18.3	53.8	19.2
		-10.5	-11.0	57.6	16.5	57.4	17.3	57.2	18.2	57.1	18.6	57.1	19.0	56.9	19.9
		-9.5	-10.0	59.1	16.9	58.9	17.7	58.8	18.5	58.7	18.9	58.6	19.4	58.4	20.2
		-8.5	-9.1	60.5	17.2	60.3	18.0	60.2	18.8	60.1	19.3	60.0	19.7	59.8	20.5
		-7.0	-7.6	62.8	17.8	62.6	18.6	62.5	19.3	62.4	19.7	62.3	20.1	62.1	20.9
		-5.0	-5.6	65.9	18.5	65.7	19.2	65.5	19.9	65.5	20.3	65.4	20.7	65.2	21.4
		-3.0	-3.7	68.8	19.0	68.6	19.7	68.5	20.4	68.4	20.8	68.3	21.2	68.1	21.9
		0.0	-0.7	73.4	19.9	73.3	20.5	73.1	21.2	73.0	21.5	72.9	21.8	72.7	22.5
		3.0	2.2	77.9	20.6	77.7	21.2	77.6	21.8	77.5	22.1	77.4	22.4	77.2	23.0
		5.0	4.1	80.8	21.0	80.7	21.6	80.5	22.2	80.4	22.5	80.3	22.8	80.1	23.4
		7.0	6.0	83.7	21.4	83.6	21.9	83.4	22.5	83.3	22.8	83.2	23.1	83.1	23.7
		9.0	7.9	86.7	21.7	86.5	22.3	86.3	22.8	86.2	23.1	86.2	23.4	85.2	23.6
		11.0	9.8	89.6	22.0	89.4	22.6	89.3	23.1	89.2	23.4	89.1	23.7	85.2	22.7
		13.0	11.8	92.7	22.4	92.5	22.9	92.3	23.4	92.2	23.7	91.5	23.7	85.2	21.7
		15.0	13.7	95.6	22.7	95.4	23.2	95.3	23.7	94.7	23.7	91.5	22.8	85.2	20.9
110	715	-19.8	-20.0	43.5	13.1	43.3	14.1	43.2	15.1	43.1	15.7	43.0	16.2	42.8	17.2
		-18.8	-19.0	45.0	13.7	44.9	14.7	44.7	15.7	44.6	16.2	44.5	16.7	44.4	17.7
		-16.7	-17.0	48.1	14.9	47.9	15.9	47.8	16.8	47.7	17.3	47.6	17.7	47.5	18.7
		-14.7	-15.0	51.2	16.0	51.0	16.8	50.9	17.7	50.8	18.2	50.7	18.6	50.5	19.5
		-12.6	-13.0	54.2	16.9	54.1	17.7	53.9	18.5	53.9	19.0	53.8	19.4	53.6	20.2
		-10.5	-11.0	57.3	17.7	57.2	18.5	57.0	19.3	56.9	19.7	56.9	20.1	56.7	20.8
		-9.5	-10.0	58.9	18.1	58.7	18.9	58.5	19.6	58.5	20.0	58.4	20.4	58.2	21.1
		-8.5	-9.1	60.3	18.4	60.1	19.2	59.9	19.9	59.9	20.3	59.8	20.6	59.6	21.4
		-7.0	-7.6	62.6	18.9	62.4	19.6	62.2	20.3	62.2	20.7	62.1	21.1	61.9	21.8
		-5.0	-5.6	65.6	19.5	65.5	20.2	65.3	20.9	65.2	21.2	65.2	21.6	65.0	22.2
		-3.0	-3.7	68.6	20.1	68.4	20.7	68.2	21.4	68.2	21.7	68.1	22.0	67.9	22.7
		0.0	-0.7	73.2	20.8	73.0	21.4	72.9	22.0	72.8	22.3	72.7	22.6	72.6	23.2
		3.0	2.2	77.6	21.5	77.5	22.0	77.3	22.6	77.3	22.9	77.2	23.2	77.0	23.7
		5.0	4.1	80.6	21.8	80.4	22.4	80.3	22.9	80.2	23.2	80.1	23.5	78.1	23.2
		7.0	6.0	83.5	22.2	83.3	22.7	83.2	23.2	83.1	23.5	83.0	23.8	78.1	22.2
		9.0	7.9	86.4	22.5	86.3	23.0	86.1	23.5	86.0	23.8	83.9	23.2	78.1	21.3
		11.0	9.8	89.3	22.8	89.2	23.3	89.0	23.8	86.8	23.1	83.9	22.2	78.1	20.5
		13.0	11.8	92.4	23.1	92.3	23.6	89.7	23.1	86.8	22.2	83.9	21.3	78.1	19.7
		15.0	13.7	95.4	23.4	95.2	23.9	89.7	22.2	86.8	21.4	83.9	20.6	78.1	18.9

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	650	-19.8	-20.0	43.2	14.7	43.1	15.7	42.9	16.6	42.9	17.1	42.8	17.6	42.6	18.5
		-18.8	-19.0	44.8	15.3	44.6	16.2	44.5	17.1	44.4	17.6	44.3	18.1	44.2	19.0
		-16.7	-17.0	47.8	16.4	47.7	17.3	47.5	18.1	47.5	18.5	47.4	19.0	47.3	19.8
		-14.7	-15.0	50.9	17.4	50.8	18.2	50.6	19.0	50.6	19.4	50.5	19.8	50.3	20.6
		-12.6	-13.0	54.0	18.2	53.9	19.0	53.7	19.7	53.6	20.1	53.6	20.5	53.4	21.2
		-10.5	-11.0	57.1	19.0	56.9	19.7	56.8	20.4	56.7	20.7	56.6	21.1	56.5	21.8
		-9.5	-10.0	58.6	19.3	58.5	20.0	58.3	20.7	58.3	21.0	58.2	21.4	58.0	22.1
		-8.5	-9.1	60.0	19.6	59.9	20.3	59.7	20.9	59.6	21.3	59.6	21.6	59.4	22.3
		-7.0	-7.6	62.3	20.1	62.2	20.7	62.0	21.3	61.9	21.7	61.9	22.0	61.7	22.6
		-5.0	-5.6	65.4	20.6	65.2	21.2	65.1	21.8	65.0	22.2	65.0	22.5	64.8	23.1
		-3.0	-3.7	68.3	21.1	68.2	21.7	68.0	22.3	68.0	22.6	67.9	22.9	67.7	23.4
		0.0	-0.7	72.9	21.8	72.8	22.3	72.6	22.9	72.6	23.2	72.5	23.4	71.0	23.3
		3.0	2.2	77.4	22.4	77.3	22.9	77.1	23.4	77.0	23.7	76.3	23.6	71.0	21.7
		5.0	4.1	80.3	22.7	80.2	23.2	80.0	23.7	78.9	23.5	76.3	22.5	71.0	20.7
		7.0	6.0	83.2	23.0	83.1	23.5	81.5	23.3	78.9	22.4	76.3	21.6	71.0	19.9
		9.0	7.9	86.2	23.3	86.0	23.8	81.5	22.4	78.9	21.5	76.3	20.7	71.0	19.1
		11.0	9.8	89.1	23.6	86.7	23.1	81.5	21.5	78.9	20.7	76.3	19.9	71.0	18.3
		13.0	11.8	92.0	23.8	86.7	22.2	81.5	20.6	78.9	19.9	76.3	19.1	71.0	17.6
		15.0	13.7	92.0	22.9	86.7	21.4	81.5	19.9	78.9	19.2	76.3	18.4	71.0	17.0
90	585	-19.8	-20.0	43.0	16.4	42.8	17.2	42.7	18.1	42.6	18.5	42.6	18.9	42.4	19.8
		-18.8	-19.0	44.5	16.9	44.4	17.7	44.2	18.6	44.2	19.0	44.1	19.4	44.0	20.2
		-16.7	-17.0	47.6	17.9	47.5	18.7	47.3	19.4	47.3	19.8	47.2	20.2	47.1	21.0
		-14.7	-15.0	50.7	18.8	50.5	19.5	50.4	20.2	50.3	20.6	50.3	20.9	50.1	21.6
		-12.6	-13.0	53.7	19.5	53.6	20.2	53.5	20.9	53.4	21.2	53.4	21.6	53.2	22.2
		-10.5	-11.0	56.8	20.2	56.7	20.8	56.6	21.5	56.5	21.8	56.4	22.1	56.3	22.7
		-9.5	-10.0	58.4	20.5	58.2	21.1	58.1	21.7	58.0	22.1	58.0	22.4	57.8	23.0
		-8.5	-9.1	59.7	20.8	59.6	21.4	59.5	22.0	59.4	22.3	59.4	22.6	59.2	23.2
		-7.0	-7.6	62.1	21.2	61.9	21.8	61.8	22.4	61.7	22.6	61.7	22.9	61.5	23.5
		-5.0	-5.6	65.1	21.7	65.0	22.2	64.9	22.8	64.8	23.1	64.7	23.4	63.9	23.5
		-3.0	-3.7	68.1	22.1	67.9	22.7	67.8	23.2	67.7	23.5	67.7	23.7	63.9	22.3
		0.0	-0.7	72.7	22.7	72.5	23.2	72.4	23.7	71.0	23.3	68.6	22.4	63.9	20.6
		3.0	2.2	77.1	23.3	77.0	23.7	73.4	22.5	71.0	21.7	68.6	20.8	63.9	19.2
		5.0	4.1	80.1	23.6	78.1	23.2	73.4	21.5	71.0	20.7	68.6	19.9	63.9	18.4
		7.0	6.0	82.8	23.8	78.1	22.2	73.4	20.6	71.0	19.8	68.6	19.1	63.9	17.6
		9.0	7.9	82.8	22.8	78.1	21.3	73.4	19.8	71.0	19.1	68.6	18.3	63.9	16.9
		11.0	9.8	82.8	21.9	78.1	20.4	73.4	19.0	71.0	18.3	68.6	17.6	63.9	16.3
		13.0	11.8	82.8	21.0	78.1	19.6	73.4	18.3	71.0	17.6	68.6	17.0	63.9	15.7
		15.0	13.7	82.8	20.2	78.1	18.9	73.4	17.6	71.0	17.0	68.6	16.4	63.9	15.2
80	520	-19.8	-20.0	42.7	18.0	42.6	18.8	42.5	19.6	42.4	19.9	42.4	20.3	42.3	21.1
		-18.8	-19.0	44.3	18.5	44.1	19.3	44.0	20.0	44.0	20.4	43.9	20.7	43.8	21.4
		-16.7	-17.0	47.3	19.4	47.2	20.1	47.1	20.8	47.0	21.1	47.0	21.4	46.9	22.1
		-14.7	-15.0	50.4	20.2	50.3	20.8	50.2	21.4	50.1	21.8	50.1	22.1	50.0	22.7
		-12.6	-13.0	53.5	20.8	53.4	21.4	53.3	22.0	53.2	22.3	53.1	22.6	53.0	23.2
		-10.5	-11.0	56.6	21.4	56.5	22.0	56.3	22.6	56.3	22.9	56.2	23.1	56.1	23.7
		-9.5	-10.0	58.1	21.7	58.0	22.3	57.9	22.8	57.8	23.1	57.8	23.4	56.8	23.4
		-8.5	-9.1	59.5	22.0	59.4	22.5	59.3	23.0	59.2	23.3	59.2	23.6	56.8	22.7
		-7.0	-7.6	61.8	22.3	61.7	22.8	61.6	23.4	61.5	23.6	61.0	23.6	56.8	21.7
		-5.0	-5.6	64.9	22.8	64.8	23.3	64.7	23.8	63.1	23.1	61.0	22.2	56.8	20.5
		-3.0	-3.7	67.8	23.2	67.7	23.6	65.2	22.8	63.1	21.9	61.0	21.1	56.8	19.4
		0.0	-0.7	72.4	23.7	69.4	22.7	65.2	21.1	63.1	20.3	61.0	19.5	56.8	18.0
		3.0	2.2	73.6	22.6	69.4	21.1	65.2	19.6	63.1	18.9	61.0	18.2	56.8	16.8
		5.0	4.1	73.6	21.6	69.4	20.2	65.2	18.8	63.1	18.1	61.0	17.4	56.8	16.1
		7.0	6.0	73.6	20.7	69.4	19.3	65.2	18.0	63.1	17.4	61.0	16.7	56.8	15.5
		9.0	7.9	73.6	19.9	69.4	18.6	65.2	17.3	63.1	16.7	61.0	16.1	56.8	14.9
		11.0	9.8	73.6	19.1	69.4	17.9	65.2	16.7	63.1	16.1	61.0	15.5	56.8	14.3
		13.0	11.8	73.6	18.3	69.4	17.2	65.2	16.0	63.1	15.5	61.0	14.9	56.8	13.8
		15.0	13.7	73.6	17.7	69.4	16.6	65.2	15.5	63.1	14.9	61.0	14.4	56.8	13.4

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	455	-19.8	-20.0	42.5	19.7	42.4	20.4	42.3	21.0	42.2	21.4	42.2	21.7	42.1	22.4
		-18.8	-19.0	44.0	20.1	43.9	20.8	43.8	21.4	43.8	21.7	43.7	22.0	43.6	22.7
		-16.7	-17.0	47.1	20.9	47.0	21.5	46.9	22.1	46.8	22.4	46.8	22.7	46.7	23.3
		-14.7	-15.0	50.2	21.6	50.1	22.1	50.0	22.7	49.9	23.0	49.9	23.2	49.7	23.8
		-12.6	-13.0	53.2	22.2	53.1	22.7	53.0	23.2	53.0	23.5	52.9	23.7	49.7	22.1
		-10.5	-11.0	56.3	22.7	56.2	23.2	56.1	23.7	55.2	23.4	53.4	22.4	49.7	20.6
		-9.5	-10.0	57.9	22.9	57.8	23.4	57.1	23.5	55.2	22.6	53.4	21.7	49.7	20.0
		-8.5	-9.1	59.2	23.1	59.1	23.6	57.1	22.8	55.2	22.0	53.4	21.1	49.7	19.4
		-7.0	-7.6	61.6	23.5	60.7	23.5	57.1	21.8	55.2	21.0	53.4	20.2	49.7	18.6
		-5.0	-5.6	64.4	23.7	60.7	22.1	57.1	20.6	55.2	19.8	53.4	19.0	49.7	17.6
		-3.0	-3.7	64.4	22.5	60.7	21.0	57.1	19.5	55.2	18.8	53.4	18.1	49.7	16.7
		0.0	-0.7	64.4	20.7	60.7	19.4	57.1	18.1	55.2	17.4	53.4	16.8	49.7	15.5
		3.0	2.2	64.4	19.3	60.7	18.1	57.1	16.9	55.2	16.3	53.4	15.7	49.7	14.5
		5.0	4.1	64.4	18.5	60.7	17.3	57.1	16.2	55.2	15.6	53.4	15.0	49.7	13.9
		7.0	6.0	64.4	17.8	60.7	16.6	57.1	15.5	55.2	15.0	53.4	14.5	49.7	13.4
		9.0	7.9	64.4	17.1	60.7	16.0	57.1	14.9	55.2	14.4	53.4	13.9	49.7	12.9
		11.0	9.8	64.4	16.4	60.7	15.4	57.1	14.4	55.2	13.9	53.4	13.4	49.7	12.5
		13.0	11.8	64.4	15.8	60.7	14.8	57.1	13.9	55.2	13.4	53.4	12.9	49.7	12.0
		15.0	13.7	64.4	15.3	60.7	14.3	57.1	13.4	55.2	13.0	53.4	12.5	49.7	11.6
60	390	-19.8	-20.0	42.2	21.4	42.1	21.9	42.0	22.5	42.0	22.8	42.0	23.1	41.9	23.6
		-18.8	-19.0	43.7	21.7	43.7	22.3	43.6	22.8	43.5	23.1	43.5	23.4	42.6	23.2
		-16.7	-17.0	46.8	22.4	46.7	22.9	46.7	23.4	46.6	23.7	45.8	23.3	42.6	21.4
		-14.7	-15.0	49.9	23.0	49.8	23.4	48.9	23.3	47.3	22.4	45.8	21.5	42.6	19.8
		-12.6	-13.0	53.0	23.5	52.0	23.3	48.9	21.7	47.3	20.8	45.8	20.0	42.6	18.5
		-10.5	-11.0	55.2	23.3	52.0	21.8	48.9	20.2	47.3	19.5	45.8	18.8	42.6	17.3
		-9.5	-10.0	55.2	22.6	52.0	21.1	48.9	19.6	47.3	18.9	45.8	18.2	42.6	16.8
		-8.5	-9.1	55.2	21.9	52.0	20.5	48.9	19.1	47.3	18.4	45.8	17.7	42.6	16.3
		-7.0	-7.6	55.2	21.0	52.0	19.6	48.9	18.2	47.3	17.6	45.8	16.9	42.6	15.6
		-5.0	-5.6	55.2	19.8	52.0	18.5	48.9	17.2	47.3	16.6	45.8	16.0	42.6	14.8
		-3.0	-3.7	55.2	18.8	52.0	17.6	48.9	16.4	47.3	15.8	45.8	15.2	42.6	14.1
		0.0	-0.7	55.2	17.4	52.0	16.3	48.9	15.2	47.3	14.7	45.8	14.2	42.6	13.1
		3.0	2.2	55.2	16.3	52.0	15.2	48.9	14.3	47.3	13.8	45.8	13.3	42.6	12.3
		5.0	4.1	55.2	15.6	52.0	14.6	48.9	13.7	47.3	13.2	45.8	12.8	42.6	11.9
		7.0	6.0	55.2	15.0	52.0	14.1	48.9	13.2	47.3	12.7	45.8	12.3	42.6	11.4
		9.0	7.9	55.2	14.4	52.0	13.5	48.9	12.7	47.3	12.3	45.8	11.9	42.6	11.0
		11.0	9.8	55.2	13.9	52.0	13.1	48.9	12.3	47.3	11.9	45.8	11.5	42.6	10.7
		13.0	11.8	55.2	13.4	52.0	12.6	48.9	11.8	47.3	11.4	45.8	11.1	42.6	10.3
		15.0	13.7	55.2	13.0	52.0	12.2	48.9	11.5	47.3	11.1	45.8	10.7	42.6	10.0
50	325	-19.8	-20.0	42.0	23.0	41.9	23.5	40.8	23.0	39.4	22.2	38.1	21.3	35.5	19.6
		-18.8	-19.0	43.5	23.3	43.4	23.7	40.8	22.0	39.4	21.2	38.1	20.4	35.5	18.8
		-16.7	-17.0	46.0	23.4	43.4	21.8	40.8	20.3	39.4	19.6	38.1	18.8	35.5	17.4
		-14.7	-15.0	46.0	21.7	43.4	20.2	40.8	18.8	39.4	18.1	38.1	17.5	35.5	16.1
		-12.6	-13.0	46.0	20.2	43.4	18.8	40.8	17.6	39.4	16.9	38.1	16.3	35.5	15.1
		-10.5	-11.0	46.0	18.9	43.4	17.7	40.8	16.5	39.4	15.9	38.1	15.3	35.5	14.2
		-9.5	-10.0	46.0	18.3	43.4	17.1	40.8	16.0	39.4	15.4	38.1	14.9	35.5	13.8
		-8.5	-9.1	46.0	17.8	43.4	16.7	40.8	15.6	39.4	15.0	38.1	14.5	35.5	13.4
		-7.0	-7.6	46.0	17.0	43.4	15.9	40.8	14.9	39.4	14.4	38.1	13.9	35.5	12.9
		-5.0	-5.6	46.0	16.1	43.4	15.1	40.8	14.1	39.4	13.6	38.1	13.2	35.5	12.2
		-3.0	-3.7	46.0	15.3	43.4	14.4	40.8	13.5	39.4	13.0	38.1	12.6	35.5	11.7
		0.0	-0.7	46.0	14.2	43.4	13.4	40.8	12.5	39.4	12.1	38.1	11.7	35.5	10.9
		3.0	2.2	46.0	13.4	43.4	12.6	40.8	11.8	39.4	11.4	38.1	11.0	35.5	10.3
		5.0	4.1	46.0	12.8	43.4	12.1	40.8	11.3	39.4	11.0	38.1	10.6	35.5	9.91
		7.0	6.0	46.0	12.4	43.4	11.6	40.8	10.9	39.4	10.6	38.1	10.2	35.5	9.57
		9.0	7.9	46.0	11.9	43.4	11.2	40.8	10.6	39.4	10.2	38.1	9.90	35.5	9.25
		11.0	9.8	46.0	11.5	43.4	10.9	40.8	10.2	39.4	9.90	38.1	9.58	35.5	8.96
		13.0	11.8	46.0	11.1	43.4	10.5	40.8	9.88	39.4	9.57	38.1	9.27	35.5	8.67
		15.0	13.7	46.0	10.8	43.4	10.2	40.8	9.58	39.4	9.29	38.1	9.00	35.5	8.42

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

PA-28MX3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	910	-19.8	-20.0	46.4	9.65	46.2	11.0	46.0	12.3	45.9	12.9	45.8	13.6	45.6	14.9
		-18.8	-19.0	48.0	10.5	47.8	11.7	47.6	13.0	47.5	13.6	47.4	14.3	47.2	15.5
		-16.7	-17.0	51.3	12.0	51.1	13.2	50.9	14.3	50.8	14.9	50.7	15.5	50.5	16.7
		-14.7	-15.0	54.5	13.3	54.3	14.4	54.1	15.5	54.0	16.1	53.9	16.6	53.7	17.7
		-12.6	-13.0	57.8	14.5	57.6	15.5	57.4	16.5	57.3	17.1	57.2	17.6	57.0	18.6
		-10.5	-11.0	61.0	15.5	60.8	16.5	60.6	17.5	60.5	17.9	60.4	18.4	60.2	19.4
		-9.5	-10.0	62.7	16.0	62.5	16.9	62.3	17.9	62.2	18.3	62.1	18.8	61.8	19.8
		-8.5	-9.1	64.1	16.4	63.9	17.3	63.7	18.2	63.6	18.7	63.5	19.2	63.3	20.1
		-7.0	-7.6	66.5	17.0	66.3	17.9	66.1	18.8	66.0	19.2	65.9	19.7	65.7	20.6
		-5.0	-5.6	69.8	17.8	69.6	18.6	69.4	19.5	69.3	19.9	69.2	20.3	69.0	21.2
		-3.0	-3.7	72.9	18.4	72.7	19.3	72.5	20.1	72.4	20.5	72.3	20.9	72.1	21.7
		0.0	-0.7	77.7	19.4	77.5	20.1	77.3	20.9	77.2	21.3	77.1	21.7	76.9	22.4
		3.0	2.2	82.5	20.2	82.3	20.9	82.1	21.6	82.0	22.0	81.9	22.3	81.7	23.0
		5.0	4.1	85.5	20.7	85.3	21.4	85.1	22.0	85.0	22.4	84.9	22.7	84.7	23.4
		7.0	6.0	88.6	21.1	88.4	21.8	88.2	22.4	88.1	22.8	88.0	23.1	87.8	23.8
		9.0	7.9	91.7	21.5	91.5	22.2	91.3	22.8	91.2	23.1	91.1	23.4	90.9	24.1
		11.0	9.8	94.8	21.9	94.6	22.5	94.4	23.1	94.3	23.4	94.2	23.8	94.0	24.4
		13.0	11.8	98.0	22.3	97.8	22.9	97.6	23.5	97.5	23.8	97.4	24.1	97.2	24.7
		15.0	13.7	101	22.6	101	23.2	101	23.8	101	24.1	101	24.4	99.1	24.5
120	840	-19.8	-20.0	46.1	11.4	46.0	12.6	45.8	13.8	45.7	14.4	45.6	15.0	45.4	16.2
		-18.8	-19.0	47.8	12.2	47.6	13.4	47.4	14.5	47.3	15.1	47.2	15.7	47.0	16.8
		-16.7	-17.0	51.0	13.6	50.8	14.7	50.6	15.8	50.6	16.3	50.5	16.8	50.3	17.9
		-14.7	-15.0	54.3	14.8	54.1	15.8	53.9	16.8	53.8	17.3	53.7	17.8	53.5	18.9
		-12.6	-13.0	57.5	15.9	57.3	16.8	57.1	17.8	57.0	18.3	57.0	18.7	56.8	19.7
		-10.5	-11.0	60.8	16.8	60.6	17.7	60.4	18.6	60.3	19.1	60.2	19.5	60.0	20.4
		-9.5	-10.0	62.4	17.3	62.2	18.1	62.0	19.0	61.9	19.5	61.8	19.9	61.6	20.8
		-8.5	-9.1	63.8	17.6	63.7	18.5	63.5	19.3	63.4	19.8	63.3	20.2	63.1	21.1
		-7.0	-7.6	66.3	18.2	66.1	19.0	65.9	19.9	65.8	20.3	65.7	20.7	65.5	21.5
		-5.0	-5.6	69.5	18.9	69.3	19.7	69.2	20.5	69.1	20.9	69.0	21.3	68.8	22.1
		-3.0	-3.7	72.6	19.5	72.4	20.3	72.2	21.0	72.1	21.4	72.1	21.8	71.9	22.5
		0.0	-0.7	77.5	20.4	77.3	21.1	77.1	21.8	77.0	22.2	76.9	22.5	76.7	23.2
		3.0	2.2	82.2	21.2	82.0	21.8	81.8	22.5	81.7	22.8	81.6	23.1	81.4	23.8
		5.0	4.1	85.3	21.6	85.1	22.2	84.9	22.9	84.8	23.2	84.7	23.5	84.5	24.1
		7.0	6.0	88.3	22.0	88.2	22.6	88.0	23.2	87.9	23.5	87.8	23.8	87.6	24.4
		9.0	7.9	91.4	22.4	91.2	23.0	91.1	23.6	91.0	23.9	90.9	24.2	90.7	24.7
		11.0	9.8	94.5	22.7	94.3	23.3	94.1	23.9	94.1	24.2	94.0	24.4	91.5	24.1
		13.0	11.8	97.8	23.1	97.6	23.6	97.4	24.2	97.3	24.5	97.2	24.7	91.5	23.1
		15.0	13.7	101	23.4	101	23.9	100	24.5	100	24.7	98.3	24.2	91.5	22.3
110	770	-19.8	-20.0	45.9	13.2	45.7	14.3	45.5	15.4	45.5	15.9	45.4	16.5	45.2	17.6
		-18.8	-19.0	47.5	13.9	47.3	15.0	47.2	16.0	47.1	16.6	47.0	17.1	46.8	18.2
		-16.7	-17.0	50.7	15.2	50.6	16.2	50.4	17.2	50.3	17.7	50.2	18.2	50.1	19.1
		-14.7	-15.0	54.0	16.3	53.8	17.2	53.7	18.1	53.6	18.6	53.5	19.1	53.3	20.0
		-12.6	-13.0	57.2	17.3	57.1	18.1	56.9	19.0	56.8	19.5	56.7	19.9	56.6	20.8
		-10.5	-11.0	60.5	18.1	60.3	19.0	60.1	19.8	60.1	20.2	60.0	20.6	59.8	21.4
		-9.5	-10.0	62.1	18.5	61.9	19.3	61.8	20.1	61.7	20.6	61.6	21.0	61.4	21.8
		-8.5	-9.1	63.6	18.9	63.4	19.7	63.2	20.5	63.1	20.8	63.1	21.2	62.9	22.0
		-7.0	-7.6	66.0	19.4	65.8	20.2	65.7	20.9	65.6	21.3	65.5	21.7	65.3	22.4
		-5.0	-5.6	69.3	20.1	69.1	20.8	68.9	21.5	68.8	21.9	68.7	22.2	68.6	22.9
		-3.0	-3.7	72.3	20.6	72.2	21.3	72.0	22.0	71.9	22.4	71.8	22.7	71.7	23.4
		0.0	-0.7	77.2	21.4	77.0	22.1	76.9	22.7	76.8	23.0	76.7	23.4	76.5	24.0
		3.0	2.2	81.9	22.1	81.7	22.7	81.6	23.3	81.5	23.6	81.4	23.9	81.2	24.5
		5.0	4.1	85.0	22.5	84.8	23.1	84.7	23.7	84.6	24.0	84.5	24.3	83.9	24.6
		7.0	6.0	88.1	22.9	87.9	23.5	87.7	24.0	87.7	24.3	87.6	24.6	83.9	23.6
		9.0	7.9	91.2	23.2	91.0	23.8	90.8	24.3	90.7	24.6	90.1	24.6	83.9	22.6
		11.0	9.8	94.2	23.6	94.1	24.1	93.9	24.6	93.2	24.6	90.1	23.6	83.9	21.7
		13.0	11.8	97.5	23.9	97.3	24.4	96.3	24.5	93.2	23.6	90.1	22.7	83.9	20.9
		15.0	13.7	101	24.2	100	24.7	96.3	23.6	93.2	22.7	90.1	21.9	83.9	20.1

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	700	-19.8	-20.0	45.6	14.9	45.5	16.0	45.3	17.0	45.2	17.5	45.1	18.0	45.0	19.0
		-18.8	-19.0	47.2	15.6	47.1	16.6	46.9	17.5	46.8	18.0	46.8	18.5	46.6	19.5
		-16.7	-17.0	50.5	16.8	50.3	17.7	50.2	18.6	50.1	19.0	50.0	19.5	49.9	20.4
		-14.7	-15.0	53.7	17.8	53.6	18.6	53.4	19.5	53.3	19.9	53.3	20.3	53.1	21.2
		-12.6	-13.0	57.0	18.7	56.8	19.5	56.7	20.3	56.6	20.7	56.5	21.1	56.4	21.9
		-10.5	-11.0	60.2	19.5	60.1	20.2	59.9	21.0	59.8	21.3	59.8	21.7	59.6	22.5
		-9.5	-10.0	61.8	19.8	61.7	20.6	61.5	21.3	61.5	21.7	61.4	22.0	61.2	22.8
		-8.5	-9.1	63.3	20.1	63.1	20.9	63.0	21.6	62.9	21.9	62.8	22.3	62.7	23.0
		-7.0	-7.6	65.7	20.6	65.6	21.3	65.4	22.0	65.3	22.3	65.3	22.7	65.1	23.4
		-5.0	-5.6	69.0	21.2	68.8	21.9	68.7	22.5	68.6	22.9	68.5	23.2	68.4	23.8
		-3.0	-3.7	72.1	21.7	71.9	22.4	71.8	23.0	71.7	23.3	71.6	23.6	71.4	24.2
		0.0	-0.7	76.9	22.5	76.8	23.0	76.6	23.6	76.5	23.9	76.5	24.2	76.3	24.8
		3.0	2.2	81.6	23.1	81.5	23.6	81.3	24.2	81.3	24.5	81.2	24.7	76.3	23.0
		5.0	4.1	84.7	23.4	84.6	24.0	84.4	24.5	84.3	24.8	81.9	23.9	76.3	22.0
		7.0	6.0	87.8	23.8	87.7	24.3	87.5	24.8	84.7	23.9	81.9	22.9	76.3	21.1
		9.0	7.9	90.9	24.1	90.7	24.6	87.5	23.8	84.7	22.9	81.9	22.0	76.3	20.3
		11.0	9.8	94.0	24.4	93.1	24.6	87.5	22.8	84.7	22.0	81.9	21.1	76.3	19.5
		13.0	11.8	97.2	24.7	93.1	23.6	87.5	21.9	84.7	21.1	81.9	20.3	76.3	18.7
		15.0	13.7	98.7	24.4	93.1	22.7	87.5	21.1	84.7	20.4	81.9	19.6	76.3	18.1
90	630	-19.8	-20.0	45.3	16.7	45.2	17.6	45.1	18.5	45.0	19.0	44.9	19.4	44.8	20.3
		-18.8	-19.0	47.0	17.3	46.8	18.2	46.7	19.0	46.6	19.5	46.5	19.9	46.4	20.8
		-16.7	-17.0	50.2	18.3	50.1	19.2	49.9	20.0	49.9	20.4	49.8	20.8	49.7	21.6
		-14.7	-15.0	53.5	19.3	53.3	20.0	53.2	20.8	53.1	21.2	53.0	21.5	52.9	22.3
		-12.6	-13.0	56.7	20.1	56.6	20.8	56.4	21.5	56.4	21.9	56.3	22.2	56.1	22.9
		-10.5	-11.0	59.9	20.8	59.8	21.5	59.7	22.1	59.6	22.5	59.5	22.8	59.4	23.5
		-9.5	-10.0	61.6	21.1	61.4	21.8	61.3	22.4	61.2	22.8	61.2	23.1	61.0	23.7
		-8.5	-9.1	63.0	21.4	62.9	22.0	62.8	22.7	62.7	23.0	62.6	23.3	62.5	24.0
		-7.0	-7.6	65.5	21.8	65.3	22.4	65.2	23.1	65.1	23.4	65.0	23.7	64.9	24.3
		-5.0	-5.6	68.7	22.4	68.6	23.0	68.4	23.5	68.4	23.8	68.3	24.1	68.2	24.7
		-3.0	-3.7	71.8	22.8	71.7	23.4	71.5	24.0	71.4	24.2	71.4	24.5	68.6	23.7
		0.0	-0.7	76.7	23.5	76.5	24.0	76.4	24.5	76.2	24.7	73.7	23.8	68.6	21.9
		3.0	2.2	81.4	24.0	81.2	24.5	78.8	23.9	76.2	23.0	73.7	22.1	68.6	20.4
		5.0	4.1	84.5	24.4	83.8	24.6	78.8	22.9	76.2	22.0	73.7	21.2	68.6	19.5
		7.0	6.0	87.5	24.7	83.8	23.6	78.8	21.9	76.2	21.1	73.7	20.3	68.6	18.7
		9.0	7.9	88.9	24.2	83.8	22.6	78.8	21.0	76.2	20.3	73.7	19.5	68.6	18.0
		11.0	9.8	88.9	23.3	83.8	21.7	78.8	20.2	76.2	19.5	73.7	18.8	68.6	17.3
		13.0	11.8	88.9	22.3	83.8	20.9	78.8	19.4	76.2	18.7	73.7	18.0	68.6	16.7
		15.0	13.7	88.9	21.5	83.8	20.1	78.8	18.7	76.2	18.1	73.7	17.4	68.6	16.1
80	560	-19.8	-20.0	45.1	18.5	44.9	19.3	44.8	20.1	44.8	20.5	44.7	20.9	44.6	21.7
		-18.8	-19.0	46.7	19.0	46.6	19.8	46.4	20.6	46.4	20.9	46.3	21.3	46.2	22.1
		-16.7	-17.0	49.9	19.9	49.8	20.7	49.7	21.4	49.6	21.7	49.6	22.1	49.4	22.8
		-14.7	-15.0	53.2	20.7	53.1	21.4	52.9	22.1	52.9	22.4	52.8	22.8	52.7	23.5
		-12.6	-13.0	56.4	21.5	56.3	22.1	56.2	22.7	56.1	23.1	56.1	23.4	55.9	24.0
		-10.5	-11.0	59.7	22.1	59.6	22.7	59.4	23.3	59.4	23.6	59.3	23.9	59.2	24.5
		-9.5	-10.0	61.3	22.4	61.2	23.0	61.1	23.6	61.0	23.9	60.9	24.1	60.8	24.7
		-8.5	-9.1	62.8	22.6	62.6	23.2	62.5	23.8	62.5	24.1	62.4	24.4	61.0	24.1
		-7.0	-7.6	65.2	23.0	65.1	23.6	64.9	24.1	64.9	24.4	64.8	24.7	61.0	23.1
		-5.0	-5.6	68.4	23.5	68.3	24.0	68.2	24.6	67.8	24.6	65.5	23.6	61.0	21.7
		-3.0	-3.7	71.5	23.9	71.4	24.4	70.0	24.2	67.8	23.3	65.5	22.4	61.0	20.6
		0.0	-0.7	76.4	24.5	74.5	24.1	70.0	22.4	67.8	21.5	65.5	20.7	61.0	19.1
		3.0	2.2	79.0	24.0	74.5	22.4	70.0	20.8	67.8	20.1	65.5	19.3	61.0	17.8
		5.0	4.1	79.0	23.0	74.5	21.4	70.0	20.0	67.8	19.2	65.5	18.5	61.0	17.1
		7.0	6.0	79.0	22.0	74.5	20.5	70.0	19.1	67.8	18.5	65.5	17.8	61.0	16.4
		9.0	7.9	79.0	21.1	74.5	19.7	70.0	18.4	67.8	17.7	65.5	17.1	61.0	15.8
		11.0	9.8	79.0	20.3	74.5	19.0	70.0	17.7	67.8	17.1	65.5	16.5	61.0	15.2
		13.0	11.8	79.0	19.5	74.5	18.3	70.0	17.0	67.8	16.4	65.5	15.9	61.0	14.7
		15.0	13.7	79.0	18.8	74.5	17.6	70.0	16.5	67.8	15.9	65.5	15.3	61.0	14.2

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	490	-19.8	-20.0	44.8	20.3	44.7	21.0	44.6	21.7	44.5	22.0	44.5	22.4	44.4	23.1
		-18.8	-19.0	46.4	20.7	46.3	21.4	46.2	22.1	46.2	22.4	46.1	22.7	46.0	23.4
		-16.7	-17.0	49.7	21.5	49.6	22.2	49.5	22.8	49.4	23.1	49.3	23.4	49.2	24.1
		-14.7	-15.0	52.9	22.2	52.8	22.8	52.7	23.4	52.6	23.7	52.6	24.0	52.5	24.6
		-12.6	-13.0	56.2	22.9	56.1	23.4	55.9	24.0	55.9	24.3	55.8	24.5	53.4	23.5
		-10.5	-11.0	59.4	23.4	59.3	23.9	59.2	24.5	59.1	24.7	57.3	23.9	53.4	21.9
		-9.5	-10.0	61.0	23.7	60.9	24.2	60.8	24.7	59.3	24.0	57.3	23.1	53.4	21.2
		-8.5	-9.1	62.5	23.9	62.4	24.4	61.3	24.3	59.3	23.3	57.3	22.4	53.4	20.7
		-7.0	-7.6	64.9	24.2	64.8	24.7	61.3	23.2	59.3	22.3	57.3	21.4	53.4	19.8
		-5.0	-5.6	68.2	24.7	65.2	23.5	61.3	21.8	59.3	21.0	57.3	20.2	53.4	18.7
		-3.0	-3.7	69.1	23.9	65.2	22.3	61.3	20.7	59.3	20.0	57.3	19.2	53.4	17.7
		0.0	-0.7	69.1	22.1	65.2	20.6	61.3	19.2	59.3	18.5	57.3	17.8	53.4	16.5
		3.0	2.2	69.1	20.5	65.2	19.2	61.3	17.9	59.3	17.3	57.3	16.7	53.4	15.4
		5.0	4.1	69.1	19.7	65.2	18.4	61.3	17.2	59.3	16.6	57.3	16.0	53.4	14.8
		7.0	6.0	69.1	18.9	65.2	17.7	61.3	16.5	59.3	15.9	57.3	15.4	53.4	14.2
		9.0	7.9	69.1	18.1	65.2	17.0	61.3	15.9	59.3	15.3	57.3	14.8	53.4	13.7
		11.0	9.8	69.1	17.5	65.2	16.4	61.3	15.3	59.3	14.8	57.3	14.3	53.4	13.3
		13.0	11.8	69.1	16.8	65.2	15.8	61.3	14.8	59.3	14.3	57.3	13.8	53.4	12.8
		15.0	13.7	69.1	16.2	65.2	15.2	61.3	14.3	59.3	13.8	57.3	13.3	53.4	12.4
60	420	-19.8	-20.0	44.5	22.0	44.4	22.6	44.3	23.2	44.3	23.5	44.3	23.8	44.2	24.4
		-18.8	-19.0	46.2	22.4	46.1	23.0	46.0	23.6	45.9	23.9	45.9	24.2	45.8	24.7
		-16.7	-17.0	49.4	23.1	49.3	23.7	49.2	24.2	49.2	24.5	49.1	24.7	45.8	22.7
		-14.7	-15.0	52.6	23.7	52.6	24.2	52.5	24.7	50.8	23.8	49.1	22.9	45.8	21.1
		-12.6	-13.0	55.9	24.3	55.8	24.7	52.5	23.0	50.8	22.2	49.1	21.3	45.8	19.6
		-10.5	-11.0	59.1	24.7	55.9	23.1	52.5	21.5	50.8	20.7	49.1	19.9	45.8	18.4
		-9.5	-10.0	59.2	24.0	55.9	22.4	52.5	20.8	50.8	20.1	49.1	19.3	45.8	17.8
		-8.5	-9.1	59.2	23.3	55.9	21.8	52.5	20.3	50.8	19.5	49.1	18.8	45.8	17.4
		-7.0	-7.6	59.2	22.3	55.9	20.8	52.5	19.4	50.8	18.7	49.1	18.0	45.8	16.6
		-5.0	-5.6	59.2	21.0	55.9	19.7	52.5	18.3	50.8	17.7	49.1	17.0	45.8	15.8
		-3.0	-3.7	59.2	20.0	55.9	18.7	52.5	17.4	50.8	16.8	49.1	16.2	45.8	15.0
		0.0	-0.7	59.2	18.5	55.9	17.3	52.5	16.2	50.8	15.6	49.1	15.1	45.8	14.0
		3.0	2.2	59.2	17.3	55.9	16.2	52.5	15.2	50.8	14.6	49.1	14.1	45.8	13.1
		5.0	4.1	59.2	16.6	55.9	15.5	52.5	14.5	50.8	14.1	49.1	13.6	45.8	12.6
		7.0	6.0	59.2	15.9	55.9	14.9	52.5	14.0	50.8	13.5	49.1	13.1	45.8	12.2
		9.0	7.9	59.2	15.3	55.9	14.4	52.5	13.5	50.8	13.0	49.1	12.6	45.8	11.7
		11.0	9.8	59.2	14.8	55.9	13.9	52.5	13.0	50.8	12.6	49.1	12.2	45.8	11.3
		13.0	11.8	59.2	14.2	55.9	13.4	52.5	12.6	50.8	12.2	49.1	11.8	45.8	11.0
		15.0	13.7	59.2	13.8	55.9	13.0	52.5	12.2	50.8	11.8	49.1	11.4	45.8	10.6
50	350	-19.8	-20.0	44.3	23.8	44.2	24.3	43.8	24.5	42.3	23.6	40.9	22.6	38.1	20.8
		-18.8	-19.0	45.9	24.1	45.8	24.6	43.8	23.4	42.3	22.6	40.9	21.7	38.1	20.0
		-16.7	-17.0	49.1	24.7	46.6	23.2	43.8	21.6	42.3	20.8	40.9	20.0	38.1	18.5
		-14.7	-15.0	49.4	23.0	46.6	21.5	43.8	20.0	42.3	19.3	40.9	18.6	38.1	17.2
		-12.6	-13.0	49.4	21.4	46.6	20.0	43.8	18.7	42.3	18.0	40.9	17.3	38.1	16.0
		-10.5	-11.0	49.4	20.1	46.6	18.8	43.8	17.5	42.3	16.9	40.9	16.3	38.1	15.1
		-9.5	-10.0	49.4	19.4	46.6	18.2	43.8	17.0	42.3	16.4	40.9	15.8	38.1	14.6
		-8.5	-9.1	49.4	18.9	46.6	17.7	43.8	16.5	42.3	16.0	40.9	15.4	38.1	14.3
		-7.0	-7.6	49.4	18.1	46.6	17.0	43.8	15.8	42.3	15.3	40.9	14.8	38.1	13.7
		-5.0	-5.6	49.4	17.1	46.6	16.1	43.8	15.0	42.3	14.5	40.9	14.0	38.1	13.0
		-3.0	-3.7	49.4	16.3	46.6	15.3	43.8	14.3	42.3	13.8	40.9	13.4	38.1	12.4
		0.0	-0.7	49.4	15.1	46.6	14.2	43.8	13.3	42.3	12.9	40.9	12.5	38.1	11.6
		3.0	2.2	49.4	14.2	46.6	13.4	43.8	12.5	42.3	12.1	40.9	11.7	38.1	10.9
		5.0	4.1	49.4	13.6	46.6	12.8	43.8	12.1	42.3	11.7	40.9	11.3	38.1	10.5
		7.0	6.0	49.4	13.1	46.6	12.4	43.8	11.6	42.3	11.3	40.9	10.9	38.1	10.2
		9.0	7.9	49.4	12.7	46.6	11.9	43.8	11.2	42.3	10.9	40.9	10.5	38.1	9.83
		11.0	9.8	49.4	12.2	46.6	11.5	43.8	10.9	42.3	10.5	40.9	10.2	38.1	9.52
		13.0	11.8	49.4	11.8	46.6	11.2	43.8	10.5	42.3	10.2	40.9	9.85	38.1	9.22
		15.0	13.7	49.4	11.5	46.6	10.8	43.8	10.2	42.3	9.87	40.9	9.56	38.1	8.96

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

PA-30MX3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	975	-19.8	-20.0	52.3	12.1	52.1	13.6	51.9	15.0	51.8	15.7	51.7	16.4	51.4	17.8
		-18.8	-19.0	54.1	13.1	53.9	14.4	53.7	15.8	53.6	16.5	53.5	17.2	53.3	18.5
		-16.7	-17.0	57.8	14.7	57.6	16.0	57.4	17.2	57.3	17.9	57.2	18.5	56.9	19.8
		-14.7	-15.0	61.5	16.1	61.3	17.3	61.0	18.5	60.9	19.1	60.8	19.7	60.6	20.9
		-12.6	-13.0	65.2	17.4	64.9	18.5	64.7	19.6	64.6	20.2	64.5	20.7	64.3	21.9
		-10.5	-11.0	68.8	18.5	68.6	19.6	68.4	20.6	68.3	21.1	68.2	21.7	68.0	22.7
		-9.5	-10.0	70.7	19.0	70.4	20.0	70.2	21.1	70.1	21.6	70.0	22.1	69.8	23.1
		-8.5	-9.1	72.3	19.4	72.1	20.5	71.9	21.5	71.8	22.0	71.7	22.5	71.4	23.5
		-7.0	-7.6	75.1	20.1	74.8	21.1	74.6	22.1	74.5	22.6	74.4	23.0	74.2	24.0
		-5.0	-5.6	78.7	21.0	78.5	21.9	78.3	22.8	78.2	23.3	78.1	23.7	77.9	24.7
		-3.0	-3.7	82.2	21.7	82.0	22.6	81.8	23.5	81.7	23.9	81.6	24.3	81.3	25.2
		0.0	-0.7	87.7	22.7	87.5	23.5	87.3	24.4	87.2	24.8	87.1	25.2	86.8	26.0
		3.0	2.2	93.0	23.6	92.8	24.4	92.6	25.1	92.5	25.5	92.4	25.9	92.2	26.7
		5.0	4.1	96.5	24.1	96.3	24.8	96.1	25.6	96.0	26.0	95.9	26.3	95.7	27.1
		7.0	6.0	100	24.6	99.8	25.3	99.6	26.0	99.5	26.4	99.4	26.7	99.1	27.5
		9.0	7.9	103	25.0	103	25.7	103	26.4	103	26.8	103	27.1	103	27.8
		11.0	9.8	107	25.4	107	26.1	107	26.8	106	27.1	106	27.5	106	28.1
		13.0	11.8	111	25.9	110	26.5	110	27.1	110	27.5	110	27.8	108	27.6
		15.0	13.7	114	26.2	114	26.8	114	27.5	114	27.8	113	28.1	108	26.5
120	900	-19.8	-20.0	52.0	14.1	51.8	15.4	51.6	16.7	51.5	17.3	51.4	18.0	51.2	19.3
		-18.8	-19.0	53.9	14.9	53.7	16.2	53.5	17.4	53.4	18.1	53.3	18.7	53.1	19.9
		-16.7	-17.0	57.5	16.4	57.3	17.6	57.1	18.8	57.0	19.4	56.9	19.9	56.7	21.1
		-14.7	-15.0	61.2	17.7	61.0	18.8	60.8	19.9	60.7	20.5	60.6	21.0	60.4	22.1
		-12.6	-13.0	64.9	18.9	64.7	19.9	64.5	21.0	64.4	21.5	64.3	22.0	64.1	23.0
		-10.5	-11.0	68.5	19.9	68.3	20.9	68.1	21.9	68.0	22.4	67.9	22.9	67.7	23.8
		-9.5	-10.0	70.4	20.4	70.2	21.4	70.0	22.3	69.9	22.8	69.8	23.3	69.6	24.2
		-8.5	-9.1	72.0	20.8	71.8	21.7	71.6	22.7	71.5	23.1	71.4	23.6	71.2	24.5
		-7.0	-7.6	74.8	21.4	74.6	22.3	74.4	23.2	74.3	23.7	74.2	24.1	74.0	25.0
		-5.0	-5.6	78.4	22.2	78.2	23.1	78.0	23.9	77.9	24.3	77.8	24.8	77.6	25.6
		-3.0	-3.7	81.9	22.9	81.7	23.7	81.5	24.5	81.4	24.9	81.3	25.3	81.1	26.1
		0.0	-0.7	87.4	23.8	87.2	24.6	87.0	25.3	86.9	25.7	86.8	26.1	86.6	26.9
		3.0	2.2	92.7	24.6	92.5	25.3	92.3	26.1	92.2	26.4	92.1	26.8	91.9	27.5
		5.0	4.1	96.2	25.1	96.0	25.8	95.8	26.5	95.7	26.8	95.6	27.2	95.4	27.9
		7.0	6.0	99.7	25.5	99.5	26.2	99.3	26.9	99.2	27.2	99.1	27.5	98.9	28.2
		9.0	7.9	103	26.0	103	26.6	103	27.2	103	27.6	103	27.9	99.3	27.2
		11.0	9.8	107	26.3	106	27.0	106	27.6	106	27.9	106	28.2	99.3	26.1
		13.0	11.8	110	26.7	110	27.3	110	27.9	110	28.2	107	27.3	99.3	25.1
		15.0	13.7	114	27.1	114	27.6	113	28.2	110	27.3	107	26.3	99.3	24.2
110	825	-19.8	-20.0	51.7	16.0	51.5	17.2	51.4	18.4	51.3	19.0	51.2	19.6	51.0	20.8
		-18.8	-19.0	53.6	16.7	53.4	17.9	53.2	19.1	53.1	19.6	53.0	20.2	52.8	21.4
		-16.7	-17.0	57.2	18.1	57.0	19.2	56.9	20.3	56.8	20.8	56.7	21.4	56.5	22.4
		-14.7	-15.0	60.9	19.3	60.7	20.4	60.5	21.4	60.4	21.9	60.3	22.4	60.2	23.4
		-12.6	-13.0	64.6	20.4	64.4	21.4	64.2	22.3	64.1	22.8	64.0	23.3	63.8	24.2
		-10.5	-11.0	68.2	21.4	68.1	22.3	67.9	23.2	67.8	23.6	67.7	24.0	67.5	24.9
		-9.5	-10.0	70.1	21.8	69.9	22.7	69.7	23.5	69.6	24.0	69.5	24.4	69.3	25.3
		-8.5	-9.1	71.7	22.2	71.5	23.0	71.4	23.9	71.3	24.3	71.2	24.7	71.0	25.6
		-7.0	-7.6	74.5	22.7	74.3	23.6	74.1	24.4	74.0	24.8	73.9	25.2	73.7	26.0
		-5.0	-5.6	78.1	23.5	78.0	24.2	77.8	25.0	77.7	25.4	77.6	25.8	77.4	26.6
		-3.0	-3.7	81.6	24.1	81.4	24.8	81.3	25.6	81.2	25.9	81.1	26.3	80.9	27.0
		0.0	-0.7	87.1	24.9	86.9	25.6	86.8	26.3	86.7	26.7	86.6	27.0	86.4	27.7
		3.0	2.2	92.4	25.7	92.3	26.3	92.1	27.0	92.0	27.3	91.9	27.6	91.1	28.0
		5.0	4.1	95.9	26.1	95.8	26.7	95.6	27.4	95.5	27.7	95.4	28.0	91.1	26.7
		7.0	6.0	99.4	26.5	99.2	27.1	99.1	27.7	99.0	28.0	97.8	27.9	91.1	25.6
		9.0	7.9	103	26.9	103	27.5	103	28.1	101	27.8	97.8	26.7	91.1	24.5
		11.0	9.8	106	27.3	106	27.8	105	27.8	101	26.7	97.8	25.6	91.1	23.6
		13.0	11.8	110	27.6	110	28.1	105	26.6	101	25.6	97.8	24.6	91.1	22.7
		15.0	13.7	114	27.9	111	27.6	105	25.6	101	24.7	97.8	23.7	91.1	21.8

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	750	-19.8	-20.0	51.4	17.9	51.3	19.0	51.1	20.1	51.0	20.6	50.9	21.2	50.8	22.3
		-18.8	-19.0	53.3	18.6	53.1	19.6	52.9	20.7	52.8	21.2	52.8	21.8	52.6	22.8
		-16.7	-17.0	56.9	19.9	56.8	20.8	56.6	21.8	56.5	22.3	56.4	22.8	56.3	23.8
		-14.7	-15.0	60.6	21.0	60.4	21.9	60.3	22.8	60.2	23.3	60.1	23.7	59.9	24.6
		-12.6	-13.0	64.3	21.9	64.1	22.8	63.9	23.7	63.9	24.1	63.8	24.5	63.6	25.4
		-10.5	-11.0	67.9	22.8	67.8	23.6	67.6	24.4	67.5	24.8	67.4	25.2	67.3	26.1
		-9.5	-10.0	69.8	23.2	69.6	24.0	69.4	24.8	69.4	25.2	69.3	25.6	69.1	26.4
		-8.5	-9.1	71.4	23.5	71.3	24.3	71.1	25.1	71.0	25.5	70.9	25.8	70.8	26.6
		-7.0	-7.6	74.2	24.1	74.0	24.8	73.8	25.5	73.8	25.9	73.7	26.3	73.5	27.0
		-5.0	-5.6	77.8	24.7	77.7	25.4	77.5	26.1	77.4	26.5	77.3	26.8	77.2	27.5
		-3.0	-3.7	81.3	25.3	81.2	25.9	81.0	26.6	80.9	26.9	80.8	27.3	80.7	28.0
		0.0	-0.7	86.8	26.0	86.7	26.7	86.5	27.3	86.4	27.6	86.3	27.9	82.8	26.9
		3.0	2.2	92.2	26.7	92.0	27.3	91.8	27.9	91.7	28.2	88.9	27.2	82.8	25.0
		5.0	4.1	95.6	27.1	95.5	27.7	95.0	28.1	91.9	27.0	88.9	26.0	82.8	23.9
		7.0	6.0	99.1	27.5	99.0	28.0	95.0	26.9	91.9	25.9	88.9	24.9	82.8	22.9
		9.0	7.9	103	27.8	101	27.8	95.0	25.8	91.9	24.8	88.9	23.9	82.8	22.0
		11.0	9.8	106	28.2	101	26.7	95.0	24.8	91.9	23.9	88.9	22.9	82.8	21.1
		13.0	11.8	107	27.4	101	25.6	95.0	23.8	91.9	22.9	88.9	22.0	82.8	20.3
		15.0	13.7	107	26.4	101	24.7	95.0	22.9	91.9	22.1	88.9	21.3	82.8	19.6
90	675	-19.8	-20.0	51.1	19.8	51.0	20.8	50.8	21.8	50.8	22.3	50.7	22.8	50.5	23.7
		-18.8	-19.0	53.0	20.4	52.8	21.4	52.7	22.3	52.6	22.8	52.5	23.3	52.4	24.2
		-16.7	-17.0	56.6	21.6	56.5	22.5	56.3	23.3	56.3	23.8	56.2	24.2	56.0	25.1
		-14.7	-15.0	60.3	22.6	60.2	23.4	60.0	24.2	59.9	24.6	59.9	25.1	59.7	25.9
		-12.6	-13.0	64.0	23.4	63.8	24.2	63.7	25.0	63.6	25.4	63.5	25.8	63.4	26.6
		-10.5	-11.0	67.6	24.2	67.5	25.0	67.3	25.7	67.3	26.1	67.2	26.4	67.0	27.2
		-9.5	-10.0	69.5	24.6	69.3	25.3	69.2	26.0	69.1	26.4	69.0	26.7	68.9	27.4
		-8.5	-9.1	71.1	24.9	71.0	25.6	70.8	26.3	70.8	26.6	70.7	27.0	70.5	27.7
		-7.0	-7.6	73.9	25.4	73.7	26.0	73.6	26.7	73.5	27.0	73.4	27.4	73.3	28.0
		-5.0	-5.6	77.6	25.9	77.4	26.6	77.3	27.2	77.2	27.5	77.1	27.9	74.5	27.1
		-3.0	-3.7	81.0	26.4	80.9	27.1	80.7	27.7	80.7	28.0	80.0	28.0	74.5	25.7
		0.0	-0.7	86.5	27.2	86.4	27.7	85.5	27.9	82.8	26.8	80.0	25.8	74.5	23.7
		3.0	2.2	91.9	27.8	91.0	28.0	85.5	25.9	82.8	25.0	80.0	24.0	74.5	22.1
		5.0	4.1	95.3	28.1	91.0	26.7	85.5	24.8	82.8	23.9	80.0	23.0	74.5	21.2
		7.0	6.0	96.5	27.4	91.0	25.6	85.5	23.8	82.8	22.9	80.0	22.0	74.5	20.3
		9.0	7.9	96.5	26.3	91.0	24.5	85.5	22.8	82.8	22.0	80.0	21.1	74.5	19.5
		11.0	9.8	96.5	25.2	91.0	23.6	85.5	21.9	82.8	21.1	80.0	20.3	74.5	18.8
		13.0	11.8	96.5	24.2	91.0	22.6	85.5	21.1	82.8	20.3	80.0	19.6	74.5	18.1
		15.0	13.7	96.5	23.3	91.0	21.8	85.5	20.3	82.8	19.6	80.0	18.9	74.5	17.5
80	600	-19.8	-20.0	50.8	21.7	50.7	22.6	50.6	23.5	50.5	23.9	50.4	24.3	50.3	25.2
		-18.8	-19.0	52.7	22.3	52.5	23.1	52.4	24.0	52.3	24.4	52.3	24.8	52.1	25.7
		-16.7	-17.0	56.3	23.3	56.2	24.1	56.1	24.9	56.0	25.3	55.9	25.7	55.8	26.4
		-14.7	-15.0	60.0	24.2	59.9	24.9	59.7	25.7	59.7	26.0	59.6	26.4	59.5	27.1
		-12.6	-13.0	63.7	25.0	63.6	25.7	63.4	26.3	63.4	26.7	63.3	27.0	63.2	27.7
		-10.5	-11.0	67.4	25.7	67.2	26.3	67.1	27.0	67.0	27.3	67.0	27.6	66.2	27.9
		-9.5	-10.0	69.2	26.0	69.1	26.6	68.9	27.2	68.9	27.6	68.8	27.9	66.2	27.0
		-8.5	-9.1	70.8	26.2	70.7	26.9	70.6	27.5	70.5	27.8	70.4	28.1	66.2	26.2
		-7.0	-7.6	73.6	26.7	73.5	27.3	73.3	27.9	73.3	28.2	71.1	27.2	66.2	25.0
		-5.0	-5.6	77.3	27.2	77.1	27.8	76.0	27.8	73.6	26.7	71.1	25.6	66.2	23.6
		-3.0	-3.7	80.7	27.6	80.6	28.2	76.0	26.3	73.6	25.3	71.1	24.3	66.2	22.4
		0.0	-0.7	85.8	28.0	80.9	26.1	76.0	24.3	73.6	23.4	71.1	22.5	66.2	20.7
		3.0	2.2	85.8	26.0	80.9	24.3	76.0	22.6	73.6	21.8	71.1	21.0	66.2	19.4
		5.0	4.1	85.8	24.9	80.9	23.3	76.0	21.6	73.6	20.9	71.1	20.1	66.2	18.6
		7.0	6.0	85.8	23.9	80.9	22.3	76.0	20.8	73.6	20.0	71.1	19.3	66.2	17.8
		9.0	7.9	85.8	22.9	80.9	21.4	76.0	20.0	73.6	19.2	71.1	18.5	66.2	17.2
		11.0	9.8	85.8	22.0	80.9	20.6	76.0	19.2	73.6	18.5	71.1	17.9	66.2	16.5
		13.0	11.8	85.8	21.2	80.9	19.8	76.0	18.5	73.6	17.8	71.1	17.2	66.2	15.9
		15.0	13.7	85.8	20.4	80.9	19.1	76.0	17.9	73.6	17.2	71.1	16.6	66.2	15.4

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	525	-19.8	-20.0	50.6	23.6	50.4	24.4	50.3	25.2	50.3	25.6	50.2	25.9	50.1	26.7
		-18.8	-19.0	52.4	24.1	52.3	24.9	52.2	25.6	52.1	26.0	52.0	26.3	51.9	27.1
		-16.7	-17.0	56.1	25.0	55.9	25.7	55.8	26.4	55.8	26.7	55.7	27.1	55.6	27.8
		-14.7	-15.0	59.7	25.8	59.6	26.4	59.5	27.1	59.4	27.4	59.4	27.7	58.0	27.4
		-12.6	-13.0	63.4	26.5	63.3	27.1	63.2	27.7	63.1	28.0	62.2	27.7	58.0	25.5
		-10.5	-11.0	67.1	27.1	66.9	27.7	66.5	28.0	64.4	26.9	62.2	25.9	58.0	23.8
		-9.5	-10.0	68.9	27.4	68.8	27.9	66.5	27.1	64.4	26.1	62.2	25.0	58.0	23.0
		-8.5	-9.1	70.5	27.6	70.4	28.1	66.5	26.3	64.4	25.3	62.2	24.3	58.0	22.4
		-7.0	-7.6	73.3	28.0	70.8	27.1	66.5	25.1	64.4	24.2	62.2	23.2	58.0	21.4
		-5.0	-5.6	75.0	27.3	70.8	25.5	66.5	23.7	64.4	22.8	62.2	21.9	58.0	20.2
		-3.0	-3.7	75.0	25.9	70.8	24.2	66.5	22.5	64.4	21.7	62.2	20.8	58.0	19.2
		0.0	-0.7	75.0	23.9	70.8	22.4	66.5	20.8	64.4	20.1	62.2	19.3	58.0	17.9
		3.0	2.2	75.0	22.3	70.8	20.8	66.5	19.4	64.4	18.7	62.2	18.1	58.0	16.7
		5.0	4.1	75.0	21.3	70.8	20.0	66.5	18.6	64.4	18.0	62.2	17.3	58.0	16.1
		7.0	6.0	75.0	20.5	70.8	19.2	66.5	17.9	64.4	17.3	62.2	16.7	58.0	15.5
		9.0	7.9	75.0	19.7	70.8	18.4	66.5	17.2	64.4	16.6	62.2	16.0	58.0	14.9
		11.0	9.8	75.0	18.9	70.8	17.8	66.5	16.6	64.4	16.0	62.2	15.5	58.0	14.4
		13.0	11.8	75.0	18.2	70.8	17.1	66.5	16.0	64.4	15.5	62.2	14.9	58.0	13.9
		15.0	13.7	75.0	17.6	70.8	16.5	66.5	15.5	64.4	15.0	62.2	14.4	58.0	13.4
60	450	-19.8	-20.0	50.3	25.6	50.2	26.2	50.1	26.9	50.0	27.2	50.0	27.5	49.7	28.0
		-18.8	-19.0	52.1	26.0	52.0	26.6	51.9	27.2	51.8	27.6	51.8	27.9	49.7	26.8
		-16.7	-17.0	55.8	26.7	55.7	27.3	55.6	27.9	55.2	27.9	53.3	26.8	49.7	24.7
		-14.7	-15.0	59.4	27.4	59.3	28.0	57.0	26.9	55.2	25.8	53.3	24.8	49.7	22.9
		-12.6	-13.0	63.1	28.0	60.7	26.9	57.0	25.0	55.2	24.0	53.3	23.1	49.7	21.3
		-10.5	-11.0	64.3	26.9	60.7	25.1	57.0	23.3	55.2	22.5	53.3	21.6	49.7	20.0
		-9.5	-10.0	64.3	26.0	60.7	24.3	57.0	22.6	55.2	21.8	53.3	21.0	49.7	19.3
		-8.5	-9.1	64.3	25.3	60.7	23.6	57.0	22.0	55.2	21.2	53.3	20.4	49.7	18.8
		-7.0	-7.6	64.3	24.2	60.7	22.6	57.0	21.0	55.2	20.3	53.3	19.5	49.7	18.0
		-5.0	-5.6	64.3	22.8	60.7	21.3	57.0	19.9	55.2	19.2	53.3	18.5	49.7	17.1
		-3.0	-3.7	64.3	21.6	60.7	20.3	57.0	18.9	55.2	18.2	53.3	17.6	49.7	16.3
		0.0	-0.7	64.3	20.1	60.7	18.8	57.0	17.6	55.2	16.9	53.3	16.3	49.7	15.2
		3.0	2.2	64.3	18.7	60.7	17.6	57.0	16.4	55.2	15.9	53.3	15.3	49.7	14.2
		5.0	4.1	64.3	18.0	60.7	16.9	57.0	15.8	55.2	15.2	53.3	14.7	49.7	13.7
		7.0	6.0	64.3	17.3	60.7	16.2	57.0	15.2	55.2	14.7	53.3	14.2	49.7	13.2
		9.0	7.9	64.3	16.6	60.7	15.6	57.0	14.6	55.2	14.2	53.3	13.7	49.7	12.7
		11.0	9.8	64.3	16.0	60.7	15.1	57.0	14.1	55.2	13.7	53.3	13.2	49.7	12.3
		13.0	11.8	64.3	15.5	60.7	14.5	57.0	13.6	55.2	13.2	53.3	12.8	49.7	11.9
		15.0	13.7	64.3	14.9	60.7	14.1	57.0	13.2	55.2	12.8	53.3	12.4	49.7	11.5
50	375	-19.8	-20.0	50.0	27.5	49.9	28.0	47.5	26.6	46.0	25.5	44.4	24.6	41.4	22.6
		-18.8	-19.0	51.8	27.8	50.6	27.4	47.5	25.4	46.0	24.5	44.4	23.5	41.4	21.7
		-16.7	-17.0	53.6	27.0	50.6	25.2	47.5	23.4	46.0	22.5	44.4	21.7	41.4	20.0
		-14.7	-15.0	53.6	25.0	50.6	23.3	47.5	21.7	46.0	20.9	44.4	20.1	41.4	18.6
		-12.6	-13.0	53.6	23.2	50.6	21.7	47.5	20.3	46.0	19.5	44.4	18.8	41.4	17.4
		-10.5	-11.0	53.6	21.7	50.6	20.4	47.5	19.0	46.0	18.3	44.4	17.7	41.4	16.3
		-9.5	-10.0	53.6	21.1	50.6	19.7	47.5	18.4	46.0	17.8	44.4	17.1	41.4	15.9
		-8.5	-9.1	53.6	20.5	50.6	19.2	47.5	17.9	46.0	17.3	44.4	16.7	41.4	15.5
		-7.0	-7.6	53.6	19.6	50.6	18.4	47.5	17.2	46.0	16.6	44.4	16.0	41.4	14.9
		-5.0	-5.6	53.6	18.6	50.6	17.4	47.5	16.3	46.0	15.7	44.4	15.2	41.4	14.1
		-3.0	-3.7	53.6	17.7	50.6	16.6	47.5	15.5	46.0	15.0	44.4	14.5	41.4	13.5
		0.0	-0.7	53.6	16.4	50.6	15.4	47.5	14.5	46.0	14.0	44.4	13.5	41.4	12.6
		3.0	2.2	53.6	15.4	50.6	14.5	47.5	13.6	46.0	13.2	44.4	12.7	41.4	11.9
		5.0	4.1	53.6	14.8	50.6	13.9	47.5	13.1	46.0	12.7	44.4	12.2	41.4	11.4
		7.0	6.0	53.6	14.2	50.6	13.4	47.5	12.6	46.0	12.2	44.4	11.8	41.4	11.0
		9.0	7.9	53.6	13.7	50.6	13.0	47.5	12.2	46.0	11.8	44.4	11.4	41.4	10.7
		11.0	9.8	53.6	13.3	50.6	12.5	47.5	11.8	46.0	11.4	44.4	11.0	41.4	10.3
		13.0	11.8	53.6	12.8	50.6	12.1	47.5	11.4	46.0	11.0	44.4	10.7	41.4	10.0
		15.0	13.7	53.6	12.4	50.6	11.7	47.5	11.0	46.0	10.7	44.4	10.4	41.4	9.71

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

PA-32MX3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	1,040	-19.8	-20.0	53.1	10.9	52.8	12.4	52.6	13.9	52.5	14.6	52.4	15.3	52.1	16.8
		-18.8	-19.0	54.9	11.9	54.7	13.3	54.4	14.7	54.3	15.4	54.2	16.1	54.0	17.6
		-16.7	-17.0	58.6	13.6	58.4	14.9	58.2	16.2	58.0	16.9	57.9	17.6	57.7	18.9
		-14.7	-15.0	62.3	15.1	62.1	16.3	61.9	17.5	61.8	18.2	61.6	18.8	61.4	20.0
		-12.6	-13.0	66.0	16.4	65.8	17.5	65.6	18.7	65.5	19.3	65.3	19.9	65.1	21.0
		-10.5	-11.0	69.7	17.5	69.5	18.6	69.3	19.7	69.2	20.3	69.1	20.8	68.8	22.0
		-9.5	-10.0	71.6	18.1	71.4	19.1	71.1	20.2	71.0	20.8	70.9	21.3	70.7	22.4
		-8.5	-9.1	73.3	18.5	73.0	19.6	72.8	20.6	72.7	21.1	72.6	21.7	72.4	22.7
		-7.0	-7.6	76.1	19.2	75.8	20.2	75.6	21.3	75.5	21.8	75.4	22.3	75.1	23.3
		-5.0	-5.6	79.8	20.1	79.5	21.1	79.3	22.0	79.2	22.5	79.1	23.0	78.8	23.9
		-3.0	-3.7	83.3	20.9	83.1	21.8	82.8	22.7	82.7	23.2	82.6	23.6	82.4	24.5
		0.0	-0.7	88.9	21.9	88.6	22.8	88.4	23.6	88.3	24.1	88.2	24.5	87.9	25.4
		3.0	2.2	94.2	22.8	94.0	23.6	93.8	24.4	93.7	24.9	93.5	25.3	93.3	26.1
		5.0	4.1	97.8	23.4	97.5	24.2	97.3	24.9	97.2	25.3	97.1	25.7	96.8	26.5
		7.0	6.0	101	23.9	101	24.6	101	25.4	101	25.7	101	26.1	100	26.9
		9.0	7.9	105	24.3	105	25.1	104	25.8	104	26.1	104	26.5	104	27.2
		11.0	9.8	108	24.8	108	25.5	108	26.2	108	26.5	108	26.9	107	27.6
		13.0	11.8	112	25.2	112	25.9	112	26.5	111	26.9	111	27.2	111	27.9
		15.0	13.7	116	25.6	115	26.2	115	26.9	115	27.2	115	27.5	113	27.7
120	960	-19.8	-20.0	52.7	12.9	52.5	14.3	52.3	15.6	52.2	16.3	52.1	17.0	51.9	18.4
		-18.8	-19.0	54.6	13.8	54.4	15.1	54.2	16.4	54.1	17.1	54.0	17.7	53.8	19.1
		-16.7	-17.0	58.3	15.4	58.1	16.6	57.9	17.8	57.8	18.4	57.7	19.0	57.5	20.3
		-14.7	-15.0	62.0	16.7	61.8	17.9	61.6	19.0	61.5	19.6	61.4	20.2	61.2	21.3
		-12.6	-13.0	65.7	17.9	65.5	19.0	65.3	20.1	65.2	20.6	65.1	21.2	64.9	22.3
		-10.5	-11.0	69.4	19.0	69.2	20.0	69.0	21.1	68.9	21.6	68.8	22.1	68.6	23.1
		-9.5	-10.0	71.3	19.5	71.1	20.5	70.9	21.5	70.8	22.0	70.7	22.5	70.4	23.5
		-8.5	-9.1	73.0	19.9	72.7	20.9	72.5	21.9	72.4	22.4	72.3	22.8	72.1	23.8
		-7.0	-7.6	75.7	20.6	75.5	21.5	75.3	22.5	75.2	22.9	75.1	23.4	74.9	24.3
		-5.0	-5.6	79.5	21.4	79.2	22.3	79.0	23.2	78.9	23.6	78.8	24.1	78.6	25.0
		-3.0	-3.7	83.0	22.1	82.8	23.0	82.6	23.8	82.4	24.2	82.3	24.6	82.1	25.5
		0.0	-0.7	88.5	23.1	88.3	23.9	88.1	24.7	88.0	25.1	87.9	25.5	87.7	26.3
		3.0	2.2	93.9	23.9	93.7	24.7	93.5	25.4	93.4	25.8	93.3	26.2	93.1	26.9
		5.0	4.1	97.4	24.4	97.2	25.1	97.0	25.9	96.9	26.2	96.8	26.6	96.6	27.3
		7.0	6.0	101	24.9	101	25.6	101	26.3	100	26.6	100	27.0	100	27.6
		9.0	7.9	104	25.3	104	26.0	104	26.6	104	27.0	104	27.3	104	28.0
		11.0	9.8	108	25.7	108	26.4	108	27.0	107	27.3	107	27.7	105	27.2
		13.0	11.8	112	26.1	112	26.7	111	27.4	111	27.7	111	28.0	105	26.1
		15.0	13.7	115	26.5	115	27.1	115	27.7	115	28.0	112	27.4	105	25.2
110	880	-19.8	-20.0	52.4	14.9	52.2	16.2	52.0	17.4	51.9	18.0	51.9	18.7	51.7	19.9
		-18.8	-19.0	54.3	15.7	54.1	16.9	53.9	18.1	53.8	18.7	53.7	19.3	53.5	20.5
		-16.7	-17.0	58.0	17.2	57.8	18.3	57.6	19.4	57.5	20.0	57.4	20.5	57.2	21.7
		-14.7	-15.0	61.7	18.4	61.5	19.5	61.3	20.5	61.2	21.1	61.1	21.6	60.9	22.6
		-12.6	-13.0	65.4	19.5	65.2	20.5	65.0	21.5	64.9	22.0	64.8	22.5	64.6	23.5
		-10.5	-11.0	69.1	20.5	68.9	21.5	68.7	22.4	68.6	22.9	68.5	23.3	68.4	24.3
		-9.5	-10.0	71.0	21.0	70.8	21.9	70.6	22.8	70.5	23.2	70.4	23.7	70.2	24.6
		-8.5	-9.1	72.7	21.4	72.5	22.2	72.3	23.1	72.2	23.6	72.1	24.0	71.9	24.9
		-7.0	-7.6	75.4	22.0	75.2	22.8	75.0	23.7	75.0	24.1	74.9	24.5	74.7	25.4
		-5.0	-5.6	79.1	22.7	79.0	23.5	78.8	24.3	78.7	24.7	78.6	25.1	78.4	26.0
		-3.0	-3.7	82.7	23.3	82.5	24.1	82.3	24.9	82.2	25.3	82.1	25.7	81.9	26.4
		0.0	-0.7	88.2	24.2	88.0	25.0	87.8	25.7	87.7	26.1	87.7	26.4	87.5	27.1
		3.0	2.2	93.6	25.0	93.4	25.7	93.2	26.4	93.1	26.7	93.0	27.1	92.8	27.7
		5.0	4.1	97.1	25.5	96.9	26.1	96.7	26.8	96.7	27.1	96.6	27.4	95.9	27.9
		7.0	6.0	101	25.9	100	26.5	100	27.2	100	27.5	100	27.8	95.9	26.7
		9.0	7.9	104	26.3	104	26.9	104	27.5	104	27.8	103	27.8	95.9	25.6
		11.0	9.8	108	26.7	108	27.3	107	27.8	106	27.8	103	26.7	95.9	24.6
		13.0	11.8	111	27.0	111	27.6	110	27.8	106	26.7	103	25.7	95.9	23.6
		15.0	13.7	115	27.3	115	27.9	110	26.7	106	25.7	103	24.7	95.9	22.8

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	800	-19.8	-20.0	52.1	16.9	51.9	18.0	51.8	19.2	51.7	19.8	51.6	20.3	51.4	21.5
		-18.8	-19.0	54.0	17.6	53.8	18.7	53.6	19.8	53.5	20.4	53.5	20.9	53.3	22.0
		-16.7	-17.0	57.7	19.0	57.5	20.0	57.3	21.0	57.2	21.5	57.2	22.0	57.0	23.0
		-14.7	-15.0	61.4	20.1	61.2	21.1	61.0	22.0	61.0	22.5	60.9	23.0	60.7	23.9
		-12.6	-13.0	65.1	21.1	64.9	22.0	64.8	22.9	64.7	23.4	64.6	23.8	64.4	24.7
		-10.5	-11.0	68.8	22.0	68.6	22.9	68.5	23.7	68.4	24.1	68.3	24.6	68.1	25.4
		-9.5	-10.0	70.7	22.4	70.5	23.2	70.3	24.1	70.2	24.5	70.1	24.9	70.0	25.7
		-8.5	-9.1	72.3	22.8	72.2	23.6	72.0	24.4	71.9	24.8	71.8	25.2	71.6	26.0
		-7.0	-7.6	75.1	23.3	74.9	24.1	74.8	24.9	74.7	25.3	74.6	25.7	74.4	26.4
		-5.0	-5.6	78.8	24.0	78.7	24.7	78.5	25.5	78.4	25.8	78.3	26.2	78.1	27.0
		-3.0	-3.7	82.4	24.6	82.2	25.3	82.0	26.0	81.9	26.3	81.8	26.7	81.7	27.4
		0.0	-0.7	87.9	25.4	87.7	26.1	87.6	26.7	87.5	27.1	87.4	27.4	87.1	28.0
		3.0	2.2	93.3	26.1	93.1	26.7	93.0	27.3	92.9	27.7	92.8	28.0	87.1	26.0
		5.0	4.1	96.8	26.5	96.7	27.1	96.5	27.7	96.4	28.0	93.6	27.1	87.1	24.9
		7.0	6.0	100	26.9	100	27.5	100	28.1	96.8	27.0	93.6	25.9	87.1	23.9
		9.0	7.9	104	27.3	104	27.8	100	26.9	96.8	25.9	93.6	24.9	87.1	22.9
		11.0	9.8	107	27.6	106	27.8	100	25.8	96.8	24.9	93.6	23.9	87.1	22.0
		13.0	11.8	111	27.9	106	26.7	100	24.8	96.8	23.9	93.6	23.0	87.1	21.2
		15.0	13.7	113	27.6	106	25.7	100	23.9	96.8	23.0	93.6	22.2	87.1	20.5
90	720	-19.8	-20.0	51.8	18.9	51.7	19.9	51.5	21.0	51.4	21.5	51.3	22.0	51.2	23.0
		-18.8	-19.0	53.7	19.6	53.5	20.6	53.4	21.5	53.3	22.0	53.2	22.5	53.0	23.5
		-16.7	-17.0	57.4	20.7	57.2	21.7	57.1	22.6	57.0	23.0	56.9	23.5	56.7	24.4
		-14.7	-15.0	61.1	21.8	60.9	22.6	60.8	23.5	60.7	23.9	60.6	24.4	60.5	25.2
		-12.6	-13.0	64.8	22.7	64.6	23.5	64.5	24.3	64.4	24.7	64.3	25.1	64.2	25.9
		-10.5	-11.0	68.5	23.5	68.4	24.3	68.2	25.0	68.1	25.4	68.0	25.8	67.9	26.6
		-9.5	-10.0	70.4	23.9	70.2	24.6	70.0	25.4	70.0	25.7	69.9	26.1	69.7	26.9
		-8.5	-9.1	72.0	24.2	71.9	24.9	71.7	25.6	71.6	26.0	71.6	26.4	71.4	27.1
		-7.0	-7.6	74.8	24.7	74.7	25.4	74.5	26.1	74.4	26.4	74.3	26.8	74.2	27.5
		-5.0	-5.6	78.5	25.3	78.4	26.0	78.2	26.6	78.1	27.0	78.1	27.3	77.9	28.0
		-3.0	-3.7	82.1	25.8	81.9	26.5	81.7	27.1	81.7	27.4	81.6	27.7	78.4	26.8
		0.0	-0.7	87.6	26.6	87.5	27.2	87.3	27.8	87.1	28.0	84.2	26.9	78.4	24.7
		3.0	2.2	93.0	27.2	92.8	27.8	90.0	27.1	87.1	26.0	84.2	25.0	78.4	23.0
		5.0	4.1	96.5	27.6	95.8	27.8	90.0	25.9	87.1	24.9	84.2	23.9	78.4	22.1
		7.0	6.0	100	27.9	95.8	26.7	90.0	24.8	87.1	23.9	84.2	23.0	78.4	21.2
		9.0	7.9	102	27.4	95.8	25.6	90.0	23.8	87.1	22.9	84.2	22.0	78.4	20.4
		11.0	9.8	102	26.3	95.8	24.6	90.0	22.9	87.1	22.0	84.2	21.2	78.4	19.6
		13.0	11.8	102	25.3	95.8	23.6	90.0	22.0	87.1	21.2	84.2	20.4	78.4	18.9
		15.0	13.7	102	24.3	95.8	22.8	90.0	21.2	87.1	20.4	84.2	19.7	78.4	18.2
80	640	-19.8	-20.0	51.5	20.9	51.4	21.8	51.2	22.7	51.2	23.2	51.1	23.6	50.9	24.5
		-18.8	-19.0	53.4	21.5	53.2	22.4	53.1	23.2	53.0	23.7	52.9	24.1	52.8	25.0
		-16.7	-17.0	57.1	22.5	56.9	23.4	56.8	24.2	56.7	24.6	56.6	25.0	56.5	25.8
		-14.7	-15.0	60.8	23.5	60.6	24.2	60.5	25.0	60.4	25.4	60.4	25.8	60.2	26.5
		-12.6	-13.0	64.5	24.3	64.4	25.0	64.2	25.7	64.1	26.1	64.1	26.4	63.9	27.2
		-10.5	-11.0	68.2	25.0	68.1	25.7	67.9	26.4	67.8	26.7	67.8	27.0	67.6	27.7
		-9.5	-10.0	70.1	25.3	69.9	26.0	69.8	26.7	69.7	27.0	69.6	27.3	69.5	28.0
		-8.5	-9.1	71.7	25.6	71.6	26.3	71.4	26.9	71.4	27.2	71.3	27.5	69.7	27.3
		-7.0	-7.6	74.5	26.1	74.4	26.7	74.2	27.3	74.2	27.6	74.1	27.9	69.7	26.1
		-5.0	-5.6	78.2	26.6	78.1	27.2	77.9	27.8	77.4	27.8	74.9	26.7	69.7	24.6
		-3.0	-3.7	81.7	27.1	81.6	27.6	80.0	27.4	77.4	26.4	74.9	25.3	69.7	23.3
		0.0	-0.7	87.3	27.7	85.1	27.2	80.0	25.3	77.4	24.4	74.9	23.4	69.7	21.6
		3.0	2.2	90.3	27.2	85.1	25.3	80.0	23.6	77.4	22.7	74.9	21.9	69.7	20.2
		5.0	4.1	90.3	26.0	85.1	24.2	80.0	22.6	77.4	21.7	74.9	20.9	69.7	19.3
		7.0	6.0	90.3	24.9	85.1	23.2	80.0	21.6	77.4	20.9	74.9	20.1	69.7	18.6
		9.0	7.9	90.3	23.9	85.1	22.3	80.0	20.8	77.4	20.1	74.9	19.3	69.7	17.9
		11.0	9.8	90.3	23.0	85.1	21.5	80.0	20.0	77.4	19.3	74.9	18.6	69.7	17.2
		13.0	11.8	90.3	22.1	85.1	20.7	80.0	19.3	77.4	18.6	74.9	17.9	69.7	16.6
		15.0	13.7	90.3	21.3	85.1	19.9	80.0	18.6	77.4	18.0	74.9	17.3	69.7	16.1

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	560	-19.8	-20.0	51.2	22.9	51.1	23.7	51.0	24.5	50.9	24.9	50.8	25.3	50.7	26.1
		-18.8	-19.0	53.1	23.4	52.9	24.2	52.8	25.0	52.7	25.3	52.7	25.7	52.6	26.5
		-16.7	-17.0	56.8	24.3	56.6	25.1	56.5	25.8	56.5	26.1	56.4	26.5	56.3	27.2
		-14.7	-15.0	60.5	25.1	60.3	25.8	60.2	26.5	60.2	26.8	60.1	27.2	60.0	27.8
		-12.6	-13.0	64.2	25.9	64.1	26.5	63.9	27.1	63.9	27.4	63.8	27.7	61.0	26.6
		-10.5	-11.0	67.9	26.5	67.8	27.1	67.6	27.7	67.6	28.0	65.5	27.0	61.0	24.8
		-9.5	-10.0	69.7	26.8	69.6	27.4	69.5	27.9	67.8	27.2	65.5	26.1	61.0	24.0
		-8.5	-9.1	71.4	27.0	71.3	27.6	70.0	27.4	67.8	26.4	65.5	25.4	61.0	23.4
		-7.0	-7.6	74.2	27.4	74.1	28.0	70.0	26.2	67.8	25.2	65.5	24.2	61.0	22.3
		-5.0	-5.6	77.9	27.9	74.5	26.6	70.0	24.7	67.8	23.8	65.5	22.9	61.0	21.1
		-3.0	-3.7	79.0	27.0	74.5	25.2	70.0	23.4	67.8	22.6	65.5	21.7	61.0	20.1
		0.0	-0.7	79.0	24.9	74.5	23.3	70.0	21.7	67.8	20.9	65.5	20.2	61.0	18.6
		3.0	2.2	79.0	23.2	74.5	21.7	70.0	20.3	67.8	19.6	65.5	18.8	61.0	17.4
		5.0	4.1	79.0	22.2	74.5	20.8	70.0	19.4	67.8	18.7	65.5	18.1	61.0	16.7
		7.0	6.0	79.0	21.3	74.5	20.0	70.0	18.7	67.8	18.0	65.5	17.4	61.0	16.1
		9.0	7.9	79.0	20.5	74.5	19.2	70.0	18.0	67.8	17.3	65.5	16.7	61.0	15.5
		11.0	9.8	79.0	19.8	74.5	18.5	70.0	17.3	67.8	16.7	65.5	16.1	61.0	15.0
		13.0	11.8	79.0	19.0	74.5	17.8	70.0	16.7	67.8	16.1	65.5	15.6	61.0	14.5
		15.0	13.7	79.0	18.4	74.5	17.2	70.0	16.1	67.8	15.6	65.5	15.1	61.0	14.0
60	480	-19.8	-20.0	50.9	24.9	50.8	25.6	50.7	26.3	50.6	26.6	50.6	27.0	50.5	27.6
		-18.8	-19.0	52.7	25.3	52.6	26.0	52.5	26.7	52.5	27.0	52.4	27.3	52.3	28.0
		-16.7	-17.0	56.5	26.1	56.3	26.8	56.2	27.4	56.2	27.7	56.1	28.0	52.3	25.7
		-14.7	-15.0	60.2	26.8	60.1	27.4	60.0	28.0	58.1	26.9	56.1	25.9	52.3	23.8
		-12.6	-13.0	63.9	27.4	63.8	28.0	60.0	26.0	58.1	25.1	56.1	24.1	52.3	22.2
		-10.5	-11.0	67.6	28.0	63.9	26.2	60.0	24.3	58.1	23.4	56.1	22.6	52.3	20.8
		-9.5	-10.0	67.7	27.2	63.9	25.3	60.0	23.6	58.1	22.7	56.1	21.9	52.3	20.2
		-8.5	-9.1	67.7	26.4	63.9	24.6	60.0	22.9	58.1	22.1	56.1	21.3	52.3	19.6
		-7.0	-7.6	67.7	25.2	63.9	23.5	60.0	21.9	58.1	21.1	56.1	20.3	52.3	18.8
		-5.0	-5.6	67.7	23.8	63.9	22.2	60.0	20.7	58.1	20.0	56.1	19.3	52.3	17.8
		-3.0	-3.7	67.7	22.6	63.9	21.1	60.0	19.7	58.1	19.0	56.1	18.3	52.3	17.0
		0.0	-0.7	67.7	20.9	63.9	19.6	60.0	18.3	58.1	17.7	56.1	17.0	52.3	15.8
		3.0	2.2	67.7	19.5	63.9	18.3	60.0	17.1	58.1	16.6	56.1	16.0	52.3	14.8
		5.0	4.1	67.7	18.7	63.9	17.6	60.0	16.5	58.1	15.9	56.1	15.4	52.3	14.3
		7.0	6.0	67.7	18.0	63.9	16.9	60.0	15.8	58.1	15.3	56.1	14.8	52.3	13.7
		9.0	7.9	67.7	17.3	63.9	16.3	60.0	15.3	58.1	14.8	56.1	14.3	52.3	13.3
		11.0	9.8	67.7	16.7	63.9	15.7	60.0	14.7	58.1	14.3	56.1	13.8	52.3	12.8
		13.0	11.8	67.7	16.1	63.9	15.2	60.0	14.2	58.1	13.8	56.1	13.3	52.3	12.4
		15.0	13.7	67.7	15.6	63.9	14.7	60.0	13.8	58.1	13.3	56.1	12.9	52.3	12.0
50	400	-19.8	-20.0	50.6	26.9	50.5	27.5	50.0	27.7	48.4	26.6	46.8	25.6	43.6	23.6
		-18.8	-19.0	52.4	27.3	52.3	27.8	50.0	26.5	48.4	25.5	46.8	24.5	43.6	22.6
		-16.7	-17.0	56.1	27.9	53.2	26.3	50.0	24.4	48.4	23.5	46.8	22.6	43.6	20.9
		-14.7	-15.0	56.4	26.0	53.2	24.3	50.0	22.6	48.4	21.8	46.8	21.0	43.6	19.4
		-12.6	-13.0	56.4	24.2	53.2	22.7	50.0	21.1	48.4	20.4	46.8	19.6	43.6	18.1
		-10.5	-11.0	56.4	22.7	53.2	21.2	50.0	19.8	48.4	19.1	46.8	18.4	43.6	17.0
		-9.5	-10.0	56.4	22.0	53.2	20.6	50.0	19.2	48.4	18.5	46.8	17.9	43.6	16.6
		-8.5	-9.1	56.4	21.4	53.2	20.0	50.0	18.7	48.4	18.0	46.8	17.4	43.6	16.1
		-7.0	-7.6	56.4	20.5	53.2	19.2	50.0	17.9	48.4	17.3	46.8	16.7	43.6	15.5
		-5.0	-5.6	56.4	19.4	53.2	18.2	50.0	17.0	48.4	16.4	46.8	15.8	43.6	14.7
		-3.0	-3.7	56.4	18.4	53.2	17.3	50.0	16.2	48.4	15.6	46.8	15.1	43.6	14.0
		0.0	-0.7	56.4	17.1	53.2	16.1	50.0	15.1	48.4	14.6	46.8	14.1	43.6	13.1
		3.0	2.2	56.4	16.1	53.2	15.1	50.0	14.2	48.4	13.7	46.8	13.3	43.6	12.4
		5.0	4.1	56.4	15.4	53.2	14.5	50.0	13.6	48.4	13.2	46.8	12.8	43.6	11.9
		7.0	6.0	56.4	14.9	53.2	14.0	50.0	13.1	48.4	12.7	46.8	12.3	43.6	11.5
		9.0	7.9	56.4	14.3	53.2	13.5	50.0	12.7	48.4	12.3	46.8	11.9	43.6	11.1
		11.0	9.8	56.4	13.8	53.2	13.1	50.0	12.3	48.4	11.9	46.8	11.5	43.6	10.8
		13.0	11.8	56.4	13.4	53.2	12.6	50.0	11.9	48.4	11.5	46.8	11.1	43.6	10.4
		15.0	13.7	56.4	13.0	53.2	12.2	50.0	11.5	48.4	11.2	46.8	10.8	43.6	10.1

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

PA-34MX3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	1,105	-19.8	-20.0	60.7	15.3	60.4	17.0	60.2	18.6	60.1	19.5	59.9	20.3	59.7	22.0
		-18.8	-19.0	62.8	16.4	62.6	18.0	62.3	19.6	62.2	20.4	62.1	21.2	61.8	22.8
		-16.7	-17.0	67.1	18.3	66.8	19.8	66.6	21.3	66.5	22.0	66.3	22.8	66.1	24.3
		-14.7	-15.0	71.3	20.0	71.1	21.4	70.8	22.8	70.7	23.5	70.6	24.2	70.3	25.6
		-12.6	-13.0	75.6	21.4	75.4	22.8	75.1	24.1	75.0	24.7	74.9	25.4	74.6	26.7
		-10.5	-11.0	79.9	22.8	79.6	24.0	79.4	25.2	79.2	25.9	79.1	26.5	78.9	27.7
		-9.5	-10.0	82.0	23.4	81.7	24.6	81.5	25.8	81.4	26.4	81.3	27.0	81.0	28.2
		-8.5	-9.1	83.9	23.9	83.7	25.0	83.4	26.2	83.3	26.8	83.2	27.4	82.9	28.6
		-7.0	-7.6	87.1	24.7	86.9	25.8	86.6	26.9	86.5	27.5	86.4	28.1	86.1	29.2
		-5.0	-5.6	91.4	25.7	91.1	26.7	90.9	27.8	90.8	28.3	90.6	28.9	90.4	30.0
		-3.0	-3.7	95.4	26.5	95.2	27.5	94.9	28.6	94.8	29.1	94.7	29.6	94.4	30.6
		0.0	-0.7	102	27.7	102	28.7	101	29.6	101	30.1	101	30.6	101	31.5
		3.0	2.2	108	28.7	108	29.6	107	30.5	107	31.0	107	31.4	107	32.3
		5.0	4.1	112	29.3	112	30.2	112	31.1	111	31.5	111	31.9	111	32.8
		7.0	6.0	116	29.9	116	30.7	116	31.6	115	32.0	115	32.4	115	33.2
		9.0	7.9	120	30.4	120	31.2	120	32.0	120	32.4	119	32.8	119	33.6
		11.0	9.8	124	30.9	124	31.7	124	32.5	124	32.9	123	33.2	122	33.7
		13.0	11.8	128	31.4	128	32.1	128	32.9	128	33.3	128	33.6	122	32.3
		15.0	13.7	133	31.8	132	32.5	132	33.3	132	33.6	131	33.8	122	31.1
120	1,020	-19.8	-20.0	60.3	17.6	60.1	19.1	59.9	20.6	59.8	21.4	59.7	22.2	59.4	23.7
		-18.8	-19.0	62.5	18.5	62.2	20.0	62.0	21.5	61.9	22.2	61.8	23.0	61.6	24.5
		-16.7	-17.0	66.7	20.3	66.5	21.7	66.3	23.1	66.2	23.8	66.1	24.4	65.8	25.8
		-14.7	-15.0	71.0	21.9	70.8	23.2	70.5	24.4	70.4	25.1	70.3	25.7	70.1	27.0
		-12.6	-13.0	75.3	23.2	75.0	24.4	74.8	25.6	74.7	26.3	74.6	26.9	74.4	28.1
		-10.5	-11.0	79.5	24.4	79.3	25.6	79.1	26.7	79.0	27.3	78.8	27.9	78.6	29.0
		-9.5	-10.0	81.7	25.0	81.4	26.1	81.2	27.2	81.1	27.8	81.0	28.3	80.7	29.4
		-8.5	-9.1	83.6	25.5	83.3	26.5	83.1	27.6	83.0	28.2	82.9	28.7	82.7	29.8
		-7.0	-7.6	86.8	26.2	86.5	27.2	86.3	28.3	86.2	28.8	86.1	29.3	85.9	30.4
		-5.0	-5.6	91.0	27.1	90.8	28.1	90.6	29.1	90.5	29.6	90.4	30.1	90.1	31.1
		-3.0	-3.7	95.1	27.9	94.9	28.8	94.6	29.8	94.5	30.3	94.4	30.7	94.2	31.7
		0.0	-0.7	101	29.0	101	29.9	101	30.8	101	31.2	101	31.7	101	32.6
		3.0	2.2	108	29.9	107	30.8	107	31.6	107	32.0	107	32.4	107	33.3
		5.0	4.1	112	30.5	111	31.3	111	32.1	111	32.5	111	32.9	111	33.7
		7.0	6.0	116	31.0	116	31.8	115	32.6	115	33.0	115	33.3	113	33.2
		9.0	7.9	120	31.5	120	32.2	119	33.0	119	33.4	119	33.7	113	31.9
		11.0	9.8	124	32.0	124	32.7	123	33.4	123	33.8	121	33.3	113	30.6
		13.0	11.8	128	32.4	128	33.1	128	33.8	125	33.3	121	31.9	113	29.4
		15.0	13.7	132	32.8	132	33.5	130	33.3	125	32.0	121	30.7	113	28.3
110	935	-19.8	-20.0	60.0	19.8	59.8	21.2	59.6	22.6	59.5	23.3	59.4	24.0	59.2	25.4
		-18.8	-19.0	62.1	20.7	61.9	22.1	61.7	23.4	61.6	24.1	61.5	24.8	61.3	26.1
		-16.7	-17.0	66.4	22.3	66.2	23.6	66.0	24.9	65.9	25.5	65.8	26.1	65.6	27.4
		-14.7	-15.0	70.7	23.7	70.5	24.9	70.3	26.1	70.1	26.7	70.0	27.3	69.8	28.5
		-12.6	-13.0	74.9	25.0	74.7	26.1	74.5	27.2	74.4	27.8	74.3	28.3	74.1	29.4
		-10.5	-11.0	79.2	26.1	79.0	27.2	78.8	28.2	78.7	28.7	78.6	29.3	78.4	30.3
		-9.5	-10.0	81.3	26.6	81.1	27.6	80.9	28.7	80.8	29.2	80.7	29.7	80.5	30.7
		-8.5	-9.1	83.2	27.1	83.0	28.0	82.8	29.0	82.7	29.5	82.6	30.0	82.4	31.0
		-7.0	-7.6	86.4	27.7	86.2	28.7	86.0	29.6	85.9	30.1	85.8	30.6	85.6	31.6
		-5.0	-5.6	90.7	28.6	90.5	29.5	90.3	30.4	90.2	30.8	90.1	31.3	89.9	32.2
		-3.0	-3.7	94.8	29.3	94.5	30.2	94.3	31.0	94.2	31.5	94.1	31.9	93.9	32.8
		0.0	-0.7	101	30.3	101	31.1	101	31.9	101	32.3	101	32.7	100	33.6
		3.0	2.2	107	31.2	107	31.9	107	32.7	107	33.1	107	33.5	104	32.8
		5.0	4.1	111	31.7	111	32.4	111	33.1	111	33.5	111	33.9	104	31.3
		7.0	6.0	115	32.2	115	32.9	115	33.6	115	33.9	111	32.6	104	30.0
		9.0	7.9	119	32.6	119	33.3	119	33.9	115	32.5	111	31.3	104	28.7
		11.0	9.8	124	33.0	123	33.7	119	32.5	115	31.2	111	30.0	104	27.6
		13.0	11.8	128	33.4	126	33.6	119	31.2	115	30.0	111	28.8	104	26.5
		15.0	13.7	132	33.8	126	32.3	119	30.0	115	28.9	111	27.8	104	25.6

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	850	-19.8	-20.0	59.7	22.1	59.5	23.3	59.3	24.6	59.2	25.2	59.1	25.9	58.9	27.2
		-18.8	-19.0	61.8	22.9	61.6	24.1	61.4	25.3	61.3	26.0	61.2	26.6	61.0	27.8
		-16.7	-17.0	66.1	24.3	65.9	25.5	65.7	26.6	65.6	27.2	65.5	27.8	65.3	28.9
		-14.7	-15.0	70.3	25.6	70.1	26.7	70.0	27.8	69.9	28.3	69.8	28.9	69.6	29.9
		-12.6	-13.0	74.6	26.8	74.4	27.8	74.2	28.8	74.1	29.3	74.0	29.8	73.8	30.8
		-10.5	-11.0	78.9	27.8	78.7	28.7	78.5	29.7	78.4	30.2	78.3	30.6	78.1	31.6
		-9.5	-10.0	81.0	28.2	80.8	29.2	80.6	30.1	80.5	30.6	80.4	31.0	80.2	32.0
		-8.5	-9.1	82.9	28.6	82.7	29.5	82.5	30.5	82.4	30.9	82.3	31.4	82.1	32.3
		-7.0	-7.6	86.1	29.3	85.9	30.1	85.7	31.0	85.6	31.4	85.5	31.9	85.3	32.7
		-5.0	-5.6	90.4	30.0	90.2	30.8	90.0	31.7	89.9	32.1	89.8	32.5	89.6	33.3
		-3.0	-3.7	94.4	30.7	94.2	31.5	94.0	32.3	93.9	32.7	93.8	33.1	93.7	33.8
		0.0	-0.7	101	31.6	101	32.3	100	33.1	100	33.4	100	33.8	94.1	31.4
		3.0	2.2	107	32.4	107	33.1	107	33.8	105	33.1	101	31.8	94.1	29.2
		5.0	4.1	111	32.9	111	33.5	108	32.9	105	31.7	101	30.4	94.1	28.0
		7.0	6.0	115	33.3	115	33.9	108	31.5	105	30.3	101	29.1	94.1	26.8
		9.0	7.9	119	33.7	115	32.5	108	30.2	105	29.1	101	27.9	94.1	25.7
		11.0	9.8	122	33.5	115	31.2	108	29.0	105	27.9	101	26.8	94.1	24.7
		13.0	11.8	122	32.1	115	30.0	108	27.9	105	26.8	101	25.8	94.1	23.8
		15.0	13.7	122	30.9	115	28.9	108	26.8	105	25.9	101	24.9	94.1	23.0
90	765	-19.8	-20.0	59.3	24.3	59.2	25.4	59.0	26.6	58.9	27.2	58.8	27.7	58.7	28.9
		-18.8	-19.0	61.5	25.0	61.3	26.1	61.1	27.3	61.0	27.8	61.0	28.4	60.8	29.5
		-16.7	-17.0	65.7	26.4	65.6	27.4	65.4	28.4	65.3	28.9	65.2	29.5	65.1	30.5
		-14.7	-15.0	70.0	27.5	69.8	28.5	69.7	29.5	69.6	29.9	69.5	30.4	69.3	31.4
		-12.6	-13.0	74.3	28.5	74.1	29.5	73.9	30.4	73.8	30.8	73.8	31.3	73.6	32.2
		-10.5	-11.0	78.5	29.5	78.4	30.3	78.2	31.2	78.1	31.6	78.0	32.0	77.8	32.9
		-9.5	-10.0	80.7	29.9	80.5	30.7	80.3	31.5	80.2	32.0	80.1	32.4	80.0	33.2
		-8.5	-9.1	82.6	30.2	82.4	31.0	82.2	31.9	82.1	32.3	82.1	32.7	81.9	33.5
		-7.0	-7.6	85.8	30.8	85.6	31.6	85.4	32.4	85.3	32.8	85.3	33.1	84.7	33.7
		-5.0	-5.6	90.0	31.5	89.9	32.2	89.7	33.0	89.6	33.3	89.5	33.7	84.7	31.7
		-3.0	-3.7	94.1	32.1	93.9	32.8	93.7	33.5	93.7	33.8	91.0	32.7	84.7	30.1
		0.0	-0.7	100	32.9	100	33.6	97.2	32.7	94.1	31.4	91.0	30.2	84.7	27.8
		3.0	2.2	107	33.6	103	32.7	97.2	30.4	94.1	29.2	91.0	28.1	84.7	25.9
		5.0	4.1	110	33.5	103	31.3	97.2	29.0	94.1	27.9	91.0	26.9	84.7	24.8
		7.0	6.0	110	32.1	103	29.9	97.2	27.8	94.1	26.8	91.0	25.8	84.7	23.8
		9.0	7.9	110	30.8	103	28.7	97.2	26.7	94.1	25.7	91.0	24.7	84.7	22.8
		11.0	9.8	110	29.5	103	27.6	97.2	25.7	94.1	24.7	91.0	23.8	84.7	22.0
		13.0	11.8	110	28.4	103	26.5	97.2	24.7	94.1	23.8	91.0	22.9	84.7	21.2
		15.0	13.7	110	27.3	103	25.5	97.2	23.8	94.1	23.0	91.0	22.1	84.7	20.5
80	680	-19.8	-20.0	59.0	26.5	58.9	27.6	58.7	28.6	58.6	29.1	58.6	29.6	58.4	30.6
		-18.8	-19.0	61.1	27.2	61.0	28.2	60.8	29.2	60.8	29.7	60.7	30.2	60.5	31.1
		-16.7	-17.0	65.4	28.4	65.3	29.3	65.1	30.2	65.0	30.7	64.9	31.1	64.8	32.1
		-14.7	-15.0	69.7	29.4	69.5	30.3	69.4	31.1	69.3	31.6	69.2	32.0	69.1	32.9
		-12.6	-13.0	73.9	30.3	73.8	31.1	73.6	31.9	73.5	32.3	73.5	32.8	73.3	33.6
		-10.5	-11.0	78.2	31.1	78.0	31.9	77.9	32.7	77.8	33.0	77.7	33.4	75.3	32.6
		-9.5	-10.0	80.3	31.5	80.2	32.3	80.0	33.0	79.9	33.4	79.9	33.7	75.3	31.6
		-8.5	-9.1	82.2	31.8	82.1	32.6	81.9	33.3	81.9	33.6	80.8	33.4	75.3	30.7
		-7.0	-7.6	85.4	32.3	85.3	33.0	85.1	33.7	83.6	33.2	80.8	31.9	75.3	29.3
		-5.0	-5.6	89.7	32.9	89.5	33.6	86.4	32.5	83.6	31.2	80.8	30.0	75.3	27.6
		-3.0	-3.7	93.8	33.5	92.0	33.2	86.4	30.8	83.6	29.6	80.8	28.5	75.3	26.2
		0.0	-0.7	97.5	32.8	92.0	30.6	86.4	28.4	83.6	27.4	80.8	26.3	75.3	24.3
		3.0	2.2	97.5	30.5	92.0	28.5	86.4	26.5	83.6	25.5	80.8	24.5	75.3	22.7
		5.0	4.1	97.5	29.1	92.0	27.2	86.4	25.3	83.6	24.4	80.8	23.5	75.3	21.7
		7.0	6.0	97.5	27.9	92.0	26.1	86.4	24.3	83.6	23.4	80.8	22.6	75.3	20.9
		9.0	7.9	97.5	26.8	92.0	25.1	86.4	23.4	83.6	22.5	80.8	21.7	75.3	20.1
		11.0	9.8	97.5	25.8	92.0	24.1	86.4	22.5	83.6	21.7	80.8	20.9	75.3	19.4
		13.0	11.8	97.5	24.8	92.0	23.2	86.4	21.6	83.6	20.9	80.8	20.1	75.3	18.7
		15.0	13.7	97.5	23.9	92.0	22.4	86.4	20.9	83.6	20.2	80.8	19.4	75.3	18.0

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	595	-19.8	-20.0	58.7	28.8	58.5	29.7	58.4	30.6	58.3	31.0	58.3	31.5	58.1	32.4
		-18.8	-19.0	60.8	29.4	60.7	30.2	60.5	31.1	60.5	31.5	60.4	31.9	60.3	32.8
		-16.7	-17.0	65.1	30.4	64.9	31.2	64.8	32.0	64.7	32.4	64.7	32.8	64.5	33.6
		-14.7	-15.0	69.3	31.3	69.2	32.1	69.1	32.8	69.0	33.2	68.9	33.6	65.9	32.1
		-12.6	-13.0	73.6	32.1	73.5	32.8	73.3	33.5	73.2	33.8	70.7	32.5	65.9	29.8
		-10.5	-11.0	77.9	32.8	77.7	33.5	75.6	32.8	73.2	31.5	70.7	30.3	65.9	27.9
		-9.5	-10.0	80.0	33.1	79.9	33.8	75.6	31.7	73.2	30.5	70.7	29.3	65.9	27.0
		-8.5	-9.1	81.9	33.4	80.5	33.2	75.6	30.8	73.2	29.6	70.7	28.5	65.9	26.2
		-7.0	-7.6	85.1	33.9	80.5	31.7	75.6	29.4	73.2	28.3	70.7	27.2	65.9	25.1
		-5.0	-5.6	85.3	32.0	80.5	29.8	75.6	27.7	73.2	26.7	70.7	25.7	65.9	23.7
		-3.0	-3.7	85.3	30.3	80.5	28.3	75.6	26.3	73.2	25.4	70.7	24.4	65.9	22.5
		0.0	-0.7	85.3	28.0	80.5	26.2	75.6	24.4	73.2	23.5	70.7	22.6	65.9	20.9
		3.0	2.2	85.3	26.1	80.5	24.4	75.6	22.8	73.2	21.9	70.7	21.1	65.9	19.6
		5.0	4.1	85.3	25.0	80.5	23.4	75.6	21.8	73.2	21.0	70.7	20.3	65.9	18.8
		7.0	6.0	85.3	24.0	80.5	22.4	75.6	21.0	73.2	20.2	70.7	19.5	65.9	18.1
		9.0	7.9	85.3	23.0	80.5	21.6	75.6	20.2	73.2	19.5	70.7	18.8	65.9	17.4
		11.0	9.8	85.3	22.2	80.5	20.8	75.6	19.4	73.2	18.8	70.7	18.1	65.9	16.8
		13.0	11.8	85.3	21.3	80.5	20.0	75.6	18.7	73.2	18.1	70.7	17.5	65.9	16.2
		15.0	13.7	85.3	20.6	80.5	19.3	75.6	18.1	73.2	17.5	70.7	16.9	65.9	15.7
60	510	-19.8	-20.0	58.3	31.0	58.2	31.8	58.1	32.6	58.1	32.9	58.0	33.3	56.5	32.8
		-18.8	-19.0	60.5	31.5	60.4	32.3	60.2	33.0	60.2	33.4	60.1	33.7	56.5	31.4
		-16.7	-17.0	64.7	32.4	64.6	33.1	64.5	33.8	62.7	32.7	60.6	31.4	56.5	28.9
		-14.7	-15.0	69.0	33.2	68.9	33.8	64.8	31.4	62.7	30.2	60.6	29.1	56.5	26.8
		-12.6	-13.0	73.1	33.8	69.0	31.5	64.8	29.2	62.7	28.1	60.6	27.1	56.5	24.9
		-10.5	-11.0	73.1	31.5	69.0	29.4	64.8	27.3	62.7	26.3	60.6	25.3	56.5	23.4
		-9.5	-10.0	73.1	30.5	69.0	28.4	64.8	26.5	62.7	25.5	60.6	24.5	56.5	22.6
		-8.5	-9.1	73.1	29.6	69.0	27.7	64.8	25.7	62.7	24.8	60.6	23.9	56.5	22.0
		-7.0	-7.6	73.1	28.3	69.0	26.4	64.8	24.6	62.7	23.7	60.6	22.8	56.5	21.1
		-5.0	-5.6	73.1	26.7	69.0	25.0	64.8	23.3	62.7	22.4	60.6	21.6	56.5	20.0
		-3.0	-3.7	73.1	25.3	69.0	23.7	64.8	22.1	62.7	21.3	60.6	20.6	56.5	19.1
		0.0	-0.7	73.1	23.5	69.0	22.0	64.8	20.5	62.7	19.8	60.6	19.1	56.5	17.7
		3.0	2.2	73.1	21.9	69.0	20.6	64.8	19.2	62.7	18.6	60.6	17.9	56.5	16.7
		5.0	4.1	73.1	21.0	69.0	19.7	64.8	18.5	62.7	17.8	60.6	17.2	56.5	16.0
		7.0	6.0	73.1	20.2	69.0	19.0	64.8	17.8	62.7	17.2	60.6	16.6	56.5	15.4
		9.0	7.9	73.1	19.5	69.0	18.3	64.8	17.1	62.7	16.6	60.6	16.0	56.5	14.9
		11.0	9.8	73.1	18.8	69.0	17.6	64.8	16.5	62.7	16.0	60.6	15.5	56.5	14.4
		13.0	11.8	73.1	18.1	69.0	17.0	64.8	16.0	62.7	15.4	60.6	14.9	56.5	13.9
		15.0	13.7	73.1	17.5	69.0	16.5	64.8	15.5	62.7	15.0	60.6	14.5	56.5	13.5
50	425	-19.8	-20.0	58.0	33.3	57.5	33.5	54.0	31.1	52.3	29.9	50.5	28.7	47.1	26.5
		-18.8	-19.0	60.1	33.7	57.5	32.0	54.0	29.8	52.3	28.6	50.5	27.5	47.1	25.4
		-16.7	-17.0	60.9	31.6	57.5	29.5	54.0	27.4	52.3	26.4	50.5	25.4	47.1	23.4
		-14.7	-15.0	60.9	29.2	57.5	27.3	54.0	25.4	52.3	24.5	50.5	23.6	47.1	21.8
		-12.6	-13.0	60.9	27.2	57.5	25.4	54.0	23.7	52.3	22.9	50.5	22.0	47.1	20.4
		-10.5	-11.0	60.9	25.5	57.5	23.8	54.0	22.2	52.3	21.4	50.5	20.7	47.1	19.1
		-9.5	-10.0	60.9	24.7	57.5	23.1	54.0	21.6	52.3	20.8	50.5	20.1	47.1	18.6
		-8.5	-9.1	60.9	24.0	57.5	22.5	54.0	21.0	52.3	20.3	50.5	19.5	47.1	18.1
		-7.0	-7.6	60.9	23.0	57.5	21.5	54.0	20.1	52.3	19.4	50.5	18.7	47.1	17.4
		-5.0	-5.6	60.9	21.7	57.5	20.4	54.0	19.1	52.3	18.4	50.5	17.8	47.1	16.5
		-3.0	-3.7	60.9	20.7	57.5	19.4	54.0	18.2	52.3	17.6	50.5	17.0	47.1	15.8
		0.0	-0.7	60.9	19.2	57.5	18.1	54.0	16.9	52.3	16.4	50.5	15.8	47.1	14.7
		3.0	2.2	60.9	18.0	57.5	17.0	54.0	15.9	52.3	15.4	50.5	14.9	47.1	13.9
		5.0	4.1	60.9	17.3	57.5	16.3	54.0	15.3	52.3	14.8	50.5	14.3	47.1	13.4
		7.0	6.0	60.9	16.7	57.5	15.7	54.0	14.8	52.3	14.3	50.5	13.8	47.1	12.9
		9.0	7.9	60.9	16.1	57.5	15.2	54.0	14.3	52.3	13.8	50.5	13.4	47.1	12.5
		11.0	9.8	60.9	15.5	57.5	14.7	54.0	13.8	52.3	13.4	50.5	12.9	47.1	12.1
		13.0	11.8	60.9	15.0	57.5	14.2	54.0	13.3	52.3	12.9	50.5	12.5	47.1	11.7
		15.0	13.7	60.9	14.5	57.5	13.7	54.0	12.9	52.3	12.5	50.5	12.1	47.1	11.4

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

PA-36MX3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	1,170	-19.8	-20.0	61.4	14.0	61.2	15.7	60.9	17.5	60.8	18.3	60.6	19.2	60.4	20.9
		-18.8	-19.0	63.6	15.1	63.3	16.8	63.1	18.4	62.9	19.3	62.8	20.1	62.5	21.8
		-16.7	-17.0	67.9	17.1	67.6	18.6	67.4	20.2	67.2	21.0	67.1	21.7	66.8	23.3
		-14.7	-15.0	72.2	18.8	71.9	20.3	71.7	21.7	71.5	22.5	71.4	23.2	71.1	24.6
		-12.6	-13.0	76.5	20.4	76.2	21.7	76.0	23.1	75.8	23.8	75.7	24.4	75.4	25.8
		-10.5	-11.0	80.8	21.7	80.5	23.0	80.3	24.3	80.1	24.9	80.0	25.6	79.8	26.9
		-9.5	-10.0	82.9	22.3	82.7	23.6	82.4	24.8	82.3	25.5	82.2	26.1	81.9	27.3
		-8.5	-9.1	84.9	22.9	84.6	24.1	84.4	25.3	84.2	25.9	84.1	26.5	83.8	27.8
		-7.0	-7.6	88.1	23.7	87.8	24.9	87.6	26.0	87.5	26.6	87.3	27.2	87.1	28.4
		-5.0	-5.6	92.4	24.7	92.1	25.8	91.9	27.0	91.8	27.5	91.6	28.1	91.4	29.2
		-3.0	-3.7	96.5	25.6	96.2	26.7	96.0	27.7	95.8	28.3	95.7	28.8	95.5	29.9
		0.0	-0.7	103	26.8	103	27.8	102	28.8	102	29.3	102	29.8	102	30.8
		3.0	2.2	109	27.9	109	28.8	109	29.8	109	30.2	108	30.7	108	31.6
		5.0	4.1	113	28.5	113	29.4	113	30.3	113	30.8	112	31.2	112	32.1
		7.0	6.0	117	29.1	117	30.0	117	30.8	117	31.3	117	31.7	116	32.6
		9.0	7.9	121	29.6	121	30.5	121	31.3	121	31.7	121	32.2	120	33.0
		11.0	9.8	126	30.1	125	31.0	125	31.8	125	32.2	125	32.6	125	33.4
		13.0	11.8	130	30.6	130	31.4	129	32.2	129	32.6	129	33.0	128	33.5
		15.0	13.7	134	31.1	134	31.8	133	32.6	133	33.0	133	33.4	128	32.2
120	1,080	-19.8	-20.0	61.1	16.3	60.8	17.9	60.6	19.5	60.5	20.3	60.4	21.1	60.1	22.7
		-18.8	-19.0	63.2	17.4	63.0	18.9	62.7	20.4	62.6	21.2	62.5	22.0	62.3	23.5
		-16.7	-17.0	67.5	19.2	67.3	20.6	67.0	22.0	66.9	22.8	66.8	23.5	66.6	24.9
		-14.7	-15.0	71.8	20.8	71.6	22.1	71.4	23.5	71.2	24.1	71.1	24.8	70.9	26.1
		-12.6	-13.0	76.1	22.2	75.9	23.5	75.7	24.7	75.5	25.3	75.4	26.0	75.2	27.2
		-10.5	-11.0	80.4	23.5	80.2	24.6	80.0	25.8	79.8	26.4	79.7	27.0	79.5	28.2
		-9.5	-10.0	82.6	24.0	82.3	25.2	82.1	26.3	82.0	26.9	81.9	27.5	81.6	28.6
		-8.5	-9.1	84.5	24.5	84.3	25.6	84.0	26.8	83.9	27.3	83.8	27.9	83.6	29.0
		-7.0	-7.6	87.8	25.3	87.5	26.4	87.3	27.5	87.2	28.0	87.0	28.5	86.8	29.6
		-5.0	-5.6	92.1	26.2	91.8	27.3	91.6	28.3	91.5	28.8	91.3	29.3	91.1	30.3
		-3.0	-3.7	96.1	27.0	95.9	28.0	95.7	29.0	95.5	29.5	95.4	30.0	95.2	31.0
		0.0	-0.7	103	28.2	102	29.1	102	30.0	102	30.5	102	30.9	102	31.9
		3.0	2.2	109	29.2	109	30.0	108	30.9	108	31.3	108	31.8	108	32.6
		5.0	4.1	113	29.7	113	30.6	112	31.4	112	31.8	112	32.2	112	33.1
		7.0	6.0	117	30.3	117	31.1	117	31.9	116	32.3	116	32.7	116	33.5
		9.0	7.9	121	30.8	121	31.6	121	32.3	121	32.7	120	33.1	118	33.0
		11.0	9.8	125	31.2	125	32.0	125	32.7	125	33.1	124	33.5	118	31.7
		13.0	11.8	129	31.7	129	32.4	129	33.2	129	33.5	127	33.1	118	30.4
		15.0	13.7	134	32.1	133	32.8	133	33.5	131	33.2	127	31.9	118	29.3
110	990	-19.8	-20.0	60.7	18.7	60.5	20.1	60.3	21.6	60.2	22.3	60.1	23.0	59.8	24.5
		-18.8	-19.0	62.9	19.6	62.7	21.0	62.4	22.4	62.3	23.1	62.2	23.8	62.0	25.2
		-16.7	-17.0	67.2	21.3	67.0	22.6	66.7	23.9	66.6	24.6	66.5	25.2	66.3	26.5
		-14.7	-15.0	71.5	22.7	71.3	24.0	71.0	25.2	70.9	25.8	70.8	26.4	70.6	27.7
		-12.6	-13.0	75.8	24.0	75.6	25.2	75.3	26.3	75.2	26.9	75.1	27.5	74.9	28.7
		-10.5	-11.0	80.1	25.2	79.9	26.3	79.6	27.4	79.5	27.9	79.4	28.5	79.2	29.5
		-9.5	-10.0	82.2	25.7	82.0	26.8	81.8	27.8	81.7	28.4	81.6	28.9	81.4	30.0
		-8.5	-9.1	84.2	26.2	84.0	27.2	83.7	28.2	83.6	28.8	83.5	29.3	83.3	30.3
		-7.0	-7.6	87.4	26.9	87.2	27.9	87.0	28.9	86.9	29.4	86.7	29.9	86.5	30.8
		-5.0	-5.6	91.7	27.7	91.5	28.7	91.3	29.6	91.2	30.1	91.0	30.6	90.8	31.5
		-3.0	-3.7	95.8	28.5	95.6	29.4	95.4	30.3	95.2	30.7	95.1	31.2	94.9	32.1
		0.0	-0.7	102	29.5	102	30.4	102	31.2	102	31.6	102	32.1	101	32.9
		3.0	2.2	108	30.4	108	31.2	108	32.0	108	32.4	108	32.8	108	33.6
		5.0	4.1	113	31.0	112	31.7	112	32.5	112	32.9	112	33.2	108	32.4
		7.0	6.0	117	31.5	116	32.2	116	32.9	116	33.3	116	33.7	108	31.0
		9.0	7.9	121	31.9	121	32.6	120	33.3	120	33.7	116	32.4	108	29.8
		11.0	9.8	125	32.3	125	33.0	124	33.7	120	32.4	116	31.1	108	28.6
		13.0	11.8	129	32.8	129	33.4	124	32.3	120	31.1	116	29.9	108	27.5
		15.0	13.7	133	33.1	132	33.5	124	31.1	120	29.9	116	28.8	108	26.5

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	900	-19.8	-20.0	60.4	21.0	60.2	22.3	60.0	23.6	59.9	24.3	59.8	25.0	59.6	26.3
		-18.8	-19.0	62.5	21.8	62.3	23.1	62.1	24.4	62.0	25.0	61.9	25.7	61.7	26.9
		-16.7	-17.0	66.8	23.4	66.6	24.6	66.4	25.7	66.3	26.3	66.2	26.9	66.0	28.1
		-14.7	-15.0	71.1	24.7	70.9	25.8	70.7	26.9	70.6	27.5	70.5	28.0	70.3	29.2
		-12.6	-13.0	75.4	25.9	75.2	26.9	75.0	28.0	74.9	28.5	74.8	29.0	74.6	30.1
		-10.5	-11.0	79.7	26.9	79.5	27.9	79.3	28.9	79.2	29.4	79.1	29.9	78.9	30.9
		-9.5	-10.0	81.9	27.4	81.7	28.4	81.5	29.3	81.4	29.8	81.3	30.3	81.1	31.3
		-8.5	-9.1	83.8	27.8	83.6	28.8	83.4	29.7	83.3	30.2	83.2	30.6	83.0	31.6
		-7.0	-7.6	87.1	28.5	86.9	29.4	86.7	30.3	86.6	30.7	86.5	31.2	86.3	32.1
		-5.0	-5.6	91.4	29.2	91.2	30.1	91.0	31.0	90.9	31.4	90.8	31.8	90.6	32.7
		-3.0	-3.7	95.4	29.9	95.2	30.7	95.0	31.6	94.9	32.0	94.8	32.4	94.6	33.2
		0.0	-0.7	102	30.9	102	31.6	102	32.4	101	32.8	101	33.2	98.5	32.6
		3.0	2.2	108	31.7	108	32.4	108	33.1	108	33.5	106	33.0	98.5	30.3
		5.0	4.1	112	32.2	112	32.9	112	33.6	109	32.8	106	31.5	98.5	29.0
		7.0	6.0	116	32.6	116	33.3	113	32.6	109	31.4	106	30.2	98.5	27.8
		9.0	7.9	120	33.0	120	33.7	113	31.3	109	30.1	106	29.0	98.5	26.7
		11.0	9.8	124	33.4	120	32.4	113	30.1	109	28.9	106	27.8	98.5	25.7
		13.0	11.8	128	33.3	120	31.1	113	28.9	109	27.8	106	26.7	98.5	24.7
		15.0	13.7	128	32.1	120	29.9	113	27.8	109	26.8	106	25.8	98.5	23.8
90	810	-19.8	-20.0	60.0	23.3	59.8	24.5	59.7	25.7	59.6	26.3	59.5	26.9	59.3	28.1
		-18.8	-19.0	62.2	24.1	62.0	25.2	61.8	26.4	61.7	27.0	61.6	27.5	61.5	28.7
		-16.7	-17.0	66.5	25.5	66.3	26.5	66.1	27.6	66.0	28.1	65.9	28.7	65.8	29.7
		-14.7	-15.0	70.8	26.7	70.6	27.7	70.4	28.7	70.3	29.2	70.2	29.7	70.1	30.7
		-12.6	-13.0	75.1	27.7	74.9	28.7	74.7	29.6	74.6	30.1	74.5	30.6	74.4	31.5
		-10.5	-11.0	79.4	28.7	79.2	29.6	79.0	30.4	78.9	30.9	78.9	31.3	78.7	32.2
		-9.5	-10.0	81.5	29.1	81.4	30.0	81.2	30.8	81.1	31.3	81.0	31.7	80.8	32.6
		-8.5	-9.1	83.5	29.5	83.3	30.3	83.1	31.2	83.0	31.6	82.9	32.0	82.8	32.8
		-7.0	-7.6	86.7	30.0	86.5	30.9	86.3	31.7	86.3	32.1	86.2	32.5	86.0	33.3
		-5.0	-5.6	91.0	30.8	90.8	31.5	90.6	32.3	90.6	32.7	90.5	33.1	88.6	32.9
		-3.0	-3.7	95.1	31.4	94.9	32.1	94.7	32.8	94.6	33.2	94.6	33.6	88.6	31.2
		0.0	-0.7	102	32.2	101	32.9	101	33.6	98.4	32.6	95.2	31.3	88.6	28.8
		3.0	2.2	108	33.0	108	33.6	102	31.5	98.4	30.3	95.2	29.1	88.6	26.8
		5.0	4.1	112	33.4	108	32.4	102	30.1	98.4	29.0	95.2	27.9	88.6	25.7
		7.0	6.0	115	33.3	108	31.0	102	28.8	98.4	27.8	95.2	26.7	88.6	24.6
		9.0	7.9	115	31.9	108	29.8	102	27.7	98.4	26.7	95.2	25.7	88.6	23.7
		11.0	9.8	115	30.6	108	28.6	102	26.6	98.4	25.6	95.2	24.7	88.6	22.8
		13.0	11.8	115	29.4	108	27.5	102	25.6	98.4	24.7	95.2	23.7	88.6	21.9
		15.0	13.7	115	28.3	108	26.5	102	24.7	98.4	23.8	95.2	22.9	88.6	21.2
80	720	-19.8	-20.0	59.7	25.6	59.5	26.7	59.4	27.8	59.3	28.3	59.2	28.8	59.0	29.9
		-18.8	-19.0	61.8	26.3	61.7	27.3	61.5	28.4	61.4	28.9	61.3	29.4	61.2	30.4
		-16.7	-17.0	66.1	27.5	66.0	28.5	65.8	29.5	65.7	29.9	65.7	30.4	65.5	31.4
		-14.7	-15.0	70.4	28.6	70.3	29.5	70.1	30.4	70.0	30.8	70.0	31.3	69.8	32.2
		-12.6	-13.0	74.7	29.6	74.6	30.4	74.4	31.2	74.3	31.7	74.3	32.1	74.1	32.9
		-10.5	-11.0	79.0	30.4	78.9	31.2	78.7	32.0	78.6	32.4	78.6	32.8	78.4	33.6
		-9.5	-10.0	81.2	30.8	81.0	31.6	80.9	32.3	80.8	32.7	80.7	33.1	78.8	32.7
		-8.5	-9.1	83.1	31.1	83.0	31.9	82.8	32.6	82.7	33.0	82.6	33.4	78.8	31.8
		-7.0	-7.6	86.4	31.6	86.2	32.4	86.0	33.1	86.0	33.4	84.6	33.0	78.8	30.3
		-5.0	-5.6	90.7	32.3	90.5	32.9	90.3	33.6	87.5	32.4	84.6	31.1	78.8	28.6
		-3.0	-3.7	94.7	32.8	94.6	33.5	90.4	31.9	87.5	30.7	84.6	29.5	78.8	27.2
		0.0	-0.7	101	33.6	96.2	31.7	90.4	29.5	87.5	28.4	84.6	27.3	78.8	25.1
		3.0	2.2	102	31.6	96.2	29.5	90.4	27.4	87.5	26.4	84.6	25.4	78.8	23.5
		5.0	4.1	102	30.2	96.2	28.2	90.4	26.3	87.5	25.3	84.6	24.4	78.8	22.5
		7.0	6.0	102	28.9	96.2	27.0	90.4	25.2	87.5	24.3	84.6	23.4	78.8	21.6
		9.0	7.9	102	27.8	96.2	26.0	90.4	24.2	87.5	23.3	84.6	22.5	78.8	20.8
		11.0	9.8	102	26.7	96.2	25.0	90.4	23.3	87.5	22.5	84.6	21.7	78.8	20.1
		13.0	11.8	102	25.7	96.2	24.0	90.4	22.4	87.5	21.6	84.6	20.9	78.8	19.3
		15.0	13.7	102	24.8	96.2	23.2	90.4	21.7	87.5	20.9	84.6	20.2	78.8	18.7

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	630	-19.8	-20.0	59.3	28.0	59.2	28.9	59.0	29.8	59.0	30.3	58.9	30.7	58.8	31.7
		-18.8	-19.0	61.5	28.6	61.3	29.5	61.2	30.4	61.1	30.8	61.1	31.2	60.9	32.1
		-16.7	-17.0	65.8	29.6	65.6	30.5	65.5	31.3	65.4	31.7	65.4	32.1	65.2	33.0
		-14.7	-15.0	70.1	30.6	69.9	31.4	69.8	32.1	69.7	32.5	69.7	32.9	68.9	33.3
		-12.6	-13.0	74.4	31.4	74.2	32.1	74.1	32.9	74.0	33.2	74.0	33.6	68.9	30.9
		-10.5	-11.0	78.7	32.1	78.6	32.8	78.4	33.5	76.6	32.7	74.0	31.4	68.9	28.9
		-9.5	-10.0	80.8	32.5	80.7	33.1	79.1	32.9	76.6	31.6	74.0	30.4	68.9	28.0
		-8.5	-9.1	82.8	32.8	82.6	33.4	79.1	31.9	76.6	30.7	74.0	29.5	68.9	27.2
		-7.0	-7.6	86.0	33.2	84.2	32.8	79.1	30.5	76.6	29.3	74.0	28.2	68.9	26.0
		-5.0	-5.6	89.3	33.2	84.2	30.9	79.1	28.7	76.6	27.7	74.0	26.6	68.9	24.6
		-3.0	-3.7	89.3	31.4	84.2	29.3	79.1	27.3	76.6	26.3	74.0	25.3	68.9	23.4
		0.0	-0.7	89.3	29.0	84.2	27.1	79.1	25.3	76.6	24.3	74.0	23.4	68.9	21.7
		3.0	2.2	89.3	27.0	84.2	25.3	79.1	23.6	76.6	22.7	74.0	21.9	68.9	20.3
		5.0	4.1	89.3	25.9	84.2	24.2	79.1	22.6	76.6	21.8	74.0	21.0	68.9	19.5
		7.0	6.0	89.3	24.8	84.2	23.3	79.1	21.7	76.6	21.0	74.0	20.2	68.9	18.7
		9.0	7.9	89.3	23.9	84.2	22.4	79.1	20.9	76.6	20.2	74.0	19.5	68.9	18.1
		11.0	9.8	89.3	23.0	84.2	21.5	79.1	20.1	76.6	19.5	74.0	18.8	68.9	17.4
		13.0	11.8	89.3	22.1	84.2	20.8	79.1	19.4	76.6	18.8	74.0	18.1	68.9	16.8
		15.0	13.7	89.3	21.4	84.2	20.1	79.1	18.8	76.6	18.1	74.0	17.5	68.9	16.3
60	540	-19.8	-20.0	59.0	30.3	58.9	31.1	58.7	31.9	58.7	32.3	58.6	32.7	58.5	33.5
		-18.8	-19.0	61.1	30.8	61.0	31.6	60.9	32.3	60.8	32.7	60.8	33.1	59.1	32.5
		-16.7	-17.0	65.4	31.7	65.3	32.4	65.2	33.2	65.1	33.5	63.4	32.6	59.1	29.9
		-14.7	-15.0	69.7	32.5	69.6	33.2	67.8	32.6	65.6	31.4	63.4	30.1	59.1	27.7
		-12.6	-13.0	74.0	33.2	72.2	32.6	67.8	30.3	65.6	29.2	63.4	28.0	59.1	25.8
		-10.5	-11.0	76.5	32.7	72.2	30.5	67.8	28.3	65.6	27.3	63.4	26.2	59.1	24.2
		-9.5	-10.0	76.5	31.6	72.2	29.5	67.8	27.4	65.6	26.4	63.4	25.4	59.1	23.5
		-8.5	-9.1	76.5	30.7	72.2	28.7	67.8	26.7	65.6	25.7	63.4	24.7	59.1	22.9
		-7.0	-7.6	76.5	29.3	72.2	27.4	67.8	25.5	65.6	24.6	63.4	23.7	59.1	21.9
		-5.0	-5.6	76.5	27.7	72.2	25.9	67.8	24.1	65.6	23.3	63.4	22.4	59.1	20.7
		-3.0	-3.7	76.5	26.3	72.2	24.6	67.8	22.9	65.6	22.1	63.4	21.3	59.1	19.7
		0.0	-0.7	76.5	24.3	72.2	22.8	67.8	21.3	65.6	20.6	63.4	19.8	59.1	18.4
		3.0	2.2	76.5	22.7	72.2	21.3	67.8	19.9	65.6	19.3	63.4	18.6	59.1	17.3
		5.0	4.1	76.5	21.8	72.2	20.5	67.8	19.1	65.6	18.5	63.4	17.9	59.1	16.6
		7.0	6.0	76.5	21.0	72.2	19.7	67.8	18.4	65.6	17.8	63.4	17.2	59.1	16.0
		9.0	7.9	76.5	20.2	72.2	19.0	67.8	17.8	65.6	17.2	63.4	16.6	59.1	15.4
		11.0	9.8	76.5	19.4	72.2	18.3	67.8	17.1	65.6	16.6	63.4	16.0	59.1	14.9
		13.0	11.8	76.5	18.7	72.2	17.6	67.8	16.5	65.6	16.0	63.4	15.5	59.1	14.4
		15.0	13.7	76.5	18.1	72.2	17.1	67.8	16.0	65.6	15.5	63.4	15.0	59.1	14.0
50	450	-19.8	-20.0	58.6	32.6	58.5	33.3	56.5	32.2	54.7	31.0	52.9	29.8	49.2	27.4
		-18.8	-19.0	60.8	33.0	60.1	33.2	56.5	30.8	54.7	29.7	52.9	28.5	49.2	26.3
		-16.7	-17.0	63.8	32.8	60.1	30.6	56.5	28.4	54.7	27.4	52.9	26.3	49.2	24.3
		-14.7	-15.0	63.8	30.3	60.1	28.3	56.5	26.3	54.7	25.4	52.9	24.4	49.2	22.6
		-12.6	-13.0	63.8	28.2	60.1	26.4	56.5	24.6	54.7	23.7	52.9	22.8	49.2	21.1
		-10.5	-11.0	63.8	26.4	60.1	24.7	56.5	23.0	54.7	22.2	52.9	21.4	49.2	19.8
		-9.5	-10.0	63.8	25.6	60.1	23.9	56.5	22.3	54.7	21.6	52.9	20.8	49.2	19.3
		-8.5	-9.1	63.8	24.9	60.1	23.3	56.5	21.8	54.7	21.0	52.9	20.2	49.2	18.8
		-7.0	-7.6	63.8	23.8	60.1	22.3	56.5	20.8	54.7	20.1	52.9	19.4	49.2	18.0
		-5.0	-5.6	63.8	22.5	60.1	21.1	56.5	19.8	54.7	19.1	52.9	18.4	49.2	17.1
		-3.0	-3.7	63.8	21.4	60.1	20.1	56.5	18.8	54.7	18.2	52.9	17.6	49.2	16.3
		0.0	-0.7	63.8	19.9	60.1	18.7	56.5	17.6	54.7	17.0	52.9	16.4	49.2	15.3
		3.0	2.2	63.8	18.7	60.1	17.6	56.5	16.5	54.7	16.0	52.9	15.4	49.2	14.4
		5.0	4.1	63.8	18.0	60.1	16.9	56.5	15.9	54.7	15.4	52.9	14.9	49.2	13.9
		7.0	6.0	63.8	17.3	60.1	16.3	56.5	15.3	54.7	14.8	52.9	14.3	49.2	13.4
		9.0	7.9	63.8	16.7	60.1	15.7	56.5	14.8	54.7	14.3	52.9	13.8	49.2	12.9
		11.0	9.8	63.8	16.1	60.1	15.2	56.5	14.3	54.7	13.8	52.9	13.4	49.2	12.5
		13.0	11.8	63.8	15.6	60.1	14.7	56.5	13.8	54.7	13.4	52.9	13.0	49.2	12.1
		15.0	13.7	63.8	15.1	60.1	14.2	56.5	13.4	54.7	13.0	52.9	12.6	49.2	11.8

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

PA-38MX3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	1,235	-19.8	-20.0	63.9	13.9	63.6	15.7	63.3	17.5	63.2	18.4	63.1	19.3	62.8	21.1
		-18.8	-19.0	66.1	15.1	65.8	16.8	65.6	18.5	65.4	19.4	65.3	20.3	65.0	22.0
		-16.7	-17.0	70.6	17.1	70.3	18.8	70.0	20.4	69.9	21.2	69.8	22.0	69.5	23.6
		-14.7	-15.0	75.0	19.0	74.8	20.5	74.5	22.0	74.4	22.7	74.2	23.5	74.0	25.0
		-12.6	-13.0	79.5	20.6	79.2	22.0	79.0	23.4	78.8	24.1	78.7	24.8	78.4	26.2
		-10.5	-11.0	84.0	22.0	83.7	23.3	83.4	24.7	83.3	25.3	83.2	26.0	82.9	27.3
		-9.5	-10.0	86.2	22.6	85.9	23.9	85.7	25.2	85.5	25.9	85.4	26.5	85.1	27.8
		-8.5	-9.1	88.2	23.2	88.0	24.5	87.7	25.7	87.5	26.4	87.4	27.0	87.1	28.3
		-7.0	-7.6	91.6	24.0	91.3	25.3	91.0	26.5	90.9	27.1	90.8	27.7	90.5	29.0
		-5.0	-5.6	96.1	25.1	95.8	26.3	95.5	27.4	95.4	28.0	95.2	28.6	95.0	29.8
		-3.0	-3.7	100	26.0	100	27.1	99.8	28.3	99.6	28.8	99.5	29.4	99.2	30.5
		0.0	-0.7	107	27.3	107	28.4	106	29.4	106	29.9	106	30.4	106	31.5
		3.0	2.2	113	28.4	113	29.4	113	30.4	113	30.9	113	31.4	112	32.3
		5.0	4.1	118	29.1	117	30.0	117	31.0	117	31.4	117	31.9	117	32.9
		7.0	6.0	122	29.7	122	30.6	121	31.5	121	32.0	121	32.4	121	33.3
		9.0	7.9	126	30.2	126	31.1	126	32.0	126	32.4	125	32.9	125	33.8
		11.0	9.8	130	30.8	130	31.6	130	32.5	130	32.9	130	33.3	129	34.2
		13.0	11.8	135	31.3	135	32.1	134	32.9	134	33.3	134	33.8	134	34.6
		15.0	13.7	139	31.8	139	32.6	139	33.3	139	33.7	138	34.1	135	33.7
120	1,140	-19.8	-20.0	63.5	16.3	63.2	18.0	63.0	19.7	62.9	20.5	62.7	21.3	62.5	23.0
		-18.8	-19.0	65.7	17.4	65.5	19.0	65.2	20.6	65.1	21.4	65.0	22.2	64.7	23.8
		-16.7	-17.0	70.2	19.3	70.0	20.8	69.7	22.3	69.6	23.1	69.5	23.8	69.2	25.3
		-14.7	-15.0	74.7	21.0	74.4	22.4	74.2	23.8	74.0	24.5	73.9	25.2	73.7	26.6
		-12.6	-13.0	79.1	22.5	78.9	23.8	78.6	25.1	78.5	25.8	78.4	26.4	78.1	27.7
		-10.5	-11.0	83.6	23.8	83.4	25.0	83.1	26.3	83.0	26.9	82.9	27.5	82.6	28.7
		-9.5	-10.0	85.9	24.4	85.6	25.6	85.3	26.8	85.2	27.4	85.1	28.0	84.8	29.2
		-8.5	-9.1	87.9	24.9	87.6	26.1	87.4	27.3	87.2	27.8	87.1	28.4	86.9	29.6
		-7.0	-7.6	91.2	25.7	91.0	26.8	90.7	28.0	90.6	28.5	90.5	29.1	90.2	30.2
		-5.0	-5.6	95.7	26.7	95.4	27.8	95.2	28.8	95.1	29.4	94.9	29.9	94.7	31.0
		-3.0	-3.7	99.9	27.5	99.7	28.6	99.4	29.6	99.3	30.1	99.2	30.6	98.9	31.6
		0.0	-0.7	107	28.7	106	29.7	106	30.7	106	31.1	106	31.6	106	32.6
		3.0	2.2	113	29.7	113	30.7	113	31.6	112	32.0	112	32.5	112	33.4
		5.0	4.1	117	30.3	117	31.2	117	32.1	117	32.5	117	33.0	116	33.8
		7.0	6.0	122	30.9	121	31.8	121	32.6	121	33.0	121	33.4	121	34.3
		9.0	7.9	126	31.4	126	32.2	125	33.1	125	33.5	125	33.9	124	34.5
		11.0	9.8	130	31.9	130	32.7	130	33.5	129	33.9	129	34.3	124	33.1
		13.0	11.8	135	32.4	134	33.2	134	33.9	134	34.3	134	34.6	124	31.8
		15.0	13.7	139	32.8	139	33.6	138	34.3	138	34.7	134	33.3	124	30.6
110	1,045	-19.8	-20.0	63.1	18.8	62.9	20.3	62.7	21.8	62.6	22.6	62.4	23.3	62.2	24.9
		-18.8	-19.0	65.4	19.8	65.1	21.2	64.9	22.7	64.8	23.4	64.7	24.2	64.4	25.6
		-16.7	-17.0	69.8	21.5	69.6	22.9	69.4	24.2	69.3	24.9	69.1	25.6	68.9	27.0
		-14.7	-15.0	74.3	23.0	74.1	24.3	73.8	25.6	73.7	26.2	73.6	26.9	73.4	28.2
		-12.6	-13.0	78.8	24.4	78.5	25.6	78.3	26.8	78.2	27.4	78.1	28.0	77.9	29.2
		-10.5	-11.0	83.2	25.6	83.0	26.7	82.8	27.9	82.7	28.4	82.6	29.0	82.3	30.1
		-9.5	-10.0	85.5	26.2	85.3	27.3	85.0	28.4	84.9	28.9	84.8	29.5	84.6	30.6
		-8.5	-9.1	87.5	26.6	87.3	27.7	87.0	28.8	86.9	29.3	86.8	29.9	86.6	30.9
		-7.0	-7.6	90.8	27.4	90.6	28.4	90.4	29.4	90.3	30.0	90.2	30.5	89.9	31.5
		-5.0	-5.6	95.3	28.3	95.1	29.2	94.9	30.2	94.7	30.7	94.6	31.2	94.4	32.2
		-3.0	-3.7	99.6	29.0	99.3	30.0	99.1	30.9	99.0	31.4	98.9	31.9	98.6	32.8
		0.0	-0.7	106	30.1	106	31.0	106	31.9	106	32.3	106	32.8	105	33.7
		3.0	2.2	113	31.1	113	31.9	112	32.7	112	33.1	112	33.6	112	34.4
		5.0	4.1	117	31.6	117	32.4	117	33.2	116	33.6	116	34.0	114	33.9
		7.0	6.0	121	32.1	121	32.9	121	33.7	121	34.1	121	34.5	114	32.4
		9.0	7.9	125	32.6	125	33.4	125	34.1	125	34.5	122	33.9	114	31.1
		11.0	9.8	130	33.1	130	33.8	129	34.5	127	33.8	122	32.5	114	29.9
		13.0	11.8	134	33.5	134	34.2	131	33.8	127	32.5	122	31.2	114	28.7
		15.0	13.7	138	33.9	138	34.6	131	32.5	127	31.3	122	30.1	114	27.7

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	950	-19.8	-20.0	62.8	21.2	62.6	22.6	62.3	24.0	62.2	24.7	62.1	25.4	61.9	26.7
		-18.8	-19.0	65.0	22.1	64.8	23.4	64.6	24.8	64.5	25.4	64.4	26.1	64.2	27.4
		-16.7	-17.0	69.5	23.7	69.3	24.9	69.1	26.2	68.9	26.8	68.8	27.4	68.6	28.7
		-14.7	-15.0	73.9	25.1	73.7	26.3	73.5	27.4	73.4	28.0	73.3	28.6	73.1	29.8
		-12.6	-13.0	78.4	26.3	78.2	27.4	78.0	28.5	77.9	29.1	77.8	29.6	77.6	30.7
		-10.5	-11.0	82.9	27.4	82.7	28.4	82.5	29.5	82.4	30.0	82.3	30.5	82.0	31.5
		-9.5	-10.0	85.1	27.9	84.9	28.9	84.7	29.9	84.6	30.4	84.5	30.9	84.3	31.9
		-8.5	-9.1	87.1	28.3	86.9	29.3	86.7	30.3	86.6	30.8	86.5	31.3	86.3	32.3
		-7.0	-7.6	90.5	29.0	90.3	30.0	90.1	30.9	90.0	31.4	89.9	31.8	89.6	32.8
		-5.0	-5.6	94.9	29.8	94.7	30.7	94.5	31.6	94.4	32.1	94.3	32.5	94.1	33.4
		-3.0	-3.7	99.2	30.5	99.0	31.4	98.8	32.3	98.7	32.7	98.6	33.1	98.4	34.0
		0.0	-0.7	106	31.5	106	32.3	105	33.1	105	33.5	105	33.9	104	34.1
		3.0	2.2	112	32.4	112	33.1	112	33.9	112	34.3	111	34.5	104	31.7
		5.0	4.1	117	32.9	116	33.6	116	34.4	115	34.3	111	32.9	104	30.3
		7.0	6.0	121	33.4	121	34.1	119	34.1	115	32.8	111	31.5	104	29.0
		9.0	7.9	125	33.8	125	34.5	119	32.7	115	31.5	111	30.3	104	27.9
		11.0	9.8	129	34.2	127	33.8	119	31.4	115	30.2	111	29.1	104	26.8
		13.0	11.8	134	34.6	127	32.5	119	30.2	115	29.0	111	27.9	104	25.8
		15.0	13.7	134	33.5	127	31.3	119	29.1	115	28.0	111	26.9	104	24.9
90	855	-19.8	-20.0	62.4	23.6	62.2	24.9	62.0	26.1	61.9	26.8	61.8	27.4	61.6	28.6
		-18.8	-19.0	64.6	24.4	64.4	25.6	64.3	26.8	64.2	27.4	64.1	28.0	63.9	29.2
		-16.7	-17.0	69.1	25.9	68.9	27.0	68.7	28.1	68.6	28.7	68.5	29.2	68.3	30.4
		-14.7	-15.0	73.6	27.1	73.4	28.2	73.2	29.2	73.1	29.8	73.0	30.3	72.8	31.3
		-12.6	-13.0	78.0	28.2	77.9	29.2	77.7	30.2	77.6	30.7	77.5	31.2	77.3	32.2
		-10.5	-11.0	82.5	29.2	82.3	30.2	82.1	31.1	82.0	31.6	81.9	32.0	81.8	33.0
		-9.5	-10.0	84.7	29.7	84.6	30.6	84.4	31.5	84.3	31.9	84.2	32.4	84.0	33.3
		-8.5	-9.1	86.8	30.1	86.6	31.0	86.4	31.8	86.3	32.3	86.2	32.7	86.0	33.6
		-7.0	-7.6	90.1	30.7	89.9	31.5	89.7	32.4	89.6	32.8	89.5	33.2	89.4	34.1
		-5.0	-5.6	94.6	31.4	94.4	32.2	94.2	33.0	94.1	33.4	94.0	33.8	93.3	34.4
		-3.0	-3.7	98.8	32.1	98.6	32.8	98.5	33.6	98.4	34.0	98.3	34.4	93.3	32.6
		0.0	-0.7	106	33.0	105	33.7	105	34.4	104	34.0	100	32.7	93.3	30.1
		3.0	2.2	112	33.7	112	34.4	107	32.9	104	31.7	100	30.4	93.3	28.0
		5.0	4.1	116	34.2	114	33.9	107	31.5	104	30.3	100	29.1	93.3	26.8
		7.0	6.0	121	34.6	114	32.4	107	30.1	104	29.0	100	27.9	93.3	25.7
		9.0	7.9	121	33.3	114	31.1	107	28.9	104	27.9	100	26.8	93.3	24.7
		11.0	9.8	121	32.0	114	29.9	107	27.8	104	26.8	100	25.8	93.3	23.8
		13.0	11.8	121	30.7	114	28.7	107	26.7	104	25.8	100	24.8	93.3	22.9
		15.0	13.7	121	29.6	114	27.7	107	25.8	104	24.9	100	23.9	93.3	22.2
80	760	-19.8	-20.0	62.0	26.1	61.9	27.2	61.7	28.3	61.6	28.8	61.5	29.4	61.4	30.5
		-18.8	-19.0	64.3	26.8	64.1	27.9	63.9	28.9	63.8	29.5	63.8	30.0	63.6	31.1
		-16.7	-17.0	68.7	28.1	68.6	29.1	68.4	30.1	68.3	30.6	68.2	31.0	68.1	32.0
		-14.7	-15.0	73.2	29.2	73.0	30.1	72.9	31.0	72.8	31.5	72.7	32.0	72.5	32.9
		-12.6	-13.0	77.7	30.2	77.5	31.0	77.3	31.9	77.3	32.4	77.2	32.8	77.0	33.7
		-10.5	-11.0	82.1	31.0	82.0	31.9	81.8	32.7	81.7	33.1	81.6	33.5	81.5	34.4
		-9.5	-10.0	84.4	31.4	84.2	32.3	84.0	33.1	84.0	33.5	83.9	33.9	83.0	34.2
		-8.5	-9.1	86.4	31.8	86.2	32.6	86.1	33.4	86.0	33.8	85.9	34.1	83.0	33.2
		-7.0	-7.6	89.7	32.3	89.6	33.1	89.4	33.8	89.3	34.2	89.1	34.5	83.0	31.7
		-5.0	-5.6	94.2	33.0	94.0	33.7	93.9	34.4	92.1	33.8	89.1	32.5	83.0	29.9
		-3.0	-3.7	98.5	33.6	98.3	34.2	95.2	33.3	92.1	32.1	89.1	30.8	83.0	28.4
		0.0	-0.7	105	34.4	101	33.1	95.2	30.8	92.1	29.6	89.1	28.5	83.0	26.3
		3.0	2.2	107	33.0	101	30.8	95.2	28.7	92.1	27.6	89.1	26.6	83.0	24.5
		5.0	4.1	107	31.6	101	29.5	95.2	27.4	92.1	26.4	89.1	25.5	83.0	23.5
		7.0	6.0	107	30.2	101	28.3	95.2	26.3	92.1	25.4	89.1	24.4	83.0	22.6
		9.0	7.9	107	29.0	101	27.1	95.2	25.3	92.1	24.4	89.1	23.5	83.0	21.7
		11.0	9.8	107	27.9	101	26.1	95.2	24.4	92.1	23.5	89.1	22.6	83.0	21.0
		13.0	11.8	107	26.8	101	25.1	95.2	23.4	92.1	22.6	89.1	21.8	83.0	20.2
		15.0	13.7	107	25.9	101	24.2	95.2	22.6	92.1	21.8	89.1	21.1	83.0	19.5

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	665	-19.8	-20.0	61.7	28.5	61.5	29.5	61.4	30.4	61.3	30.9	61.2	31.4	61.1	32.4
		-18.8	-19.0	63.9	29.1	63.7	30.1	63.6	31.0	63.5	31.5	63.5	31.9	63.3	32.9
		-16.7	-17.0	68.4	30.2	68.2	31.1	68.1	32.0	68.0	32.4	67.9	32.9	67.8	33.7
		-14.7	-15.0	72.8	31.2	72.7	32.0	72.5	32.9	72.5	33.3	72.4	33.7	72.3	34.5
		-12.6	-13.0	77.3	32.1	77.2	32.9	77.0	33.6	76.9	34.0	76.9	34.4	72.6	32.3
		-10.5	-11.0	81.8	32.9	81.6	33.6	81.5	34.3	80.6	34.2	77.9	32.8	72.6	30.2
		-9.5	-10.0	84.0	33.2	83.9	33.9	83.3	34.4	80.6	33.0	77.9	31.7	72.6	29.2
		-8.5	-9.1	86.0	33.5	85.9	34.2	83.3	33.4	80.6	32.1	77.9	30.9	72.6	28.4
		-7.0	-7.6	89.4	34.0	88.7	34.3	83.3	31.9	80.6	30.7	77.9	29.5	72.6	27.2
		-5.0	-5.6	93.8	34.6	88.7	32.3	83.3	30.0	80.6	28.9	77.9	27.8	72.6	25.7
		-3.0	-3.7	94.0	32.8	88.7	30.6	83.3	28.5	80.6	27.5	77.9	26.4	72.6	24.4
		0.0	-0.7	94.0	30.3	88.7	28.3	83.3	26.4	80.6	25.4	77.9	24.5	72.6	22.7
		3.0	2.2	94.0	28.3	88.7	26.4	83.3	24.6	80.6	23.8	77.9	22.9	72.6	21.2
		5.0	4.1	94.0	27.1	88.7	25.3	83.3	23.6	80.6	22.8	77.9	22.0	72.6	20.4
		7.0	6.0	94.0	26.0	88.7	24.3	83.3	22.7	80.6	21.9	77.9	21.1	72.6	19.6
		9.0	7.9	94.0	24.9	88.7	23.4	83.3	21.8	80.6	21.1	77.9	20.3	72.6	18.9
		11.0	9.8	94.0	24.0	88.7	22.5	83.3	21.1	80.6	20.3	77.9	19.6	72.6	18.2
		13.0	11.8	94.0	23.1	88.7	21.7	83.3	20.3	80.6	19.6	77.9	18.9	72.6	17.6
		15.0	13.7	94.0	22.3	88.7	21.0	83.3	19.6	80.6	19.0	77.9	18.3	72.6	17.0
60	570	-19.8	-20.0	61.3	30.9	61.2	31.8	61.0	32.6	61.0	33.0	60.9	33.4	60.8	34.3
		-18.8	-19.0	63.5	31.5	63.4	32.3	63.3	33.1	63.2	33.5	63.2	33.9	62.2	34.0
		-16.7	-17.0	68.0	32.4	67.9	33.2	67.7	33.9	67.7	34.3	66.8	34.0	62.2	31.3
		-14.7	-15.0	72.5	33.3	72.3	34.0	71.4	34.1	69.1	32.8	66.8	31.5	62.2	29.0
		-12.6	-13.0	76.9	34.0	76.0	34.1	71.4	31.7	69.1	30.5	66.8	29.3	62.2	27.0
		-10.5	-11.0	80.6	34.1	76.0	31.8	71.4	29.6	69.1	28.5	66.8	27.4	62.2	25.3
		-9.5	-10.0	80.6	33.0	76.0	30.8	71.4	28.7	69.1	27.6	66.8	26.6	62.2	24.5
		-8.5	-9.1	80.6	32.1	76.0	30.0	71.4	27.9	69.1	26.9	66.8	25.9	62.2	23.9
		-7.0	-7.6	80.6	30.6	76.0	28.6	71.4	26.7	69.1	25.7	66.8	24.7	62.2	22.9
		-5.0	-5.6	80.6	28.9	76.0	27.0	71.4	25.2	69.1	24.3	66.8	23.4	62.2	21.7
		-3.0	-3.7	80.6	27.4	76.0	25.7	71.4	24.0	69.1	23.1	66.8	22.3	62.2	20.6
		0.0	-0.7	80.6	25.4	76.0	23.8	71.4	22.3	69.1	21.5	66.8	20.7	62.2	19.2
		3.0	2.2	80.6	23.8	76.0	22.3	71.4	20.8	69.1	20.1	66.8	19.4	62.2	18.0
		5.0	4.1	80.6	22.8	76.0	21.4	71.4	20.0	69.1	19.3	66.8	18.7	62.2	17.4
		7.0	6.0	80.6	21.9	76.0	20.6	71.4	19.3	69.1	18.6	66.8	18.0	62.2	16.7
		9.0	7.9	80.6	21.1	76.0	19.8	71.4	18.6	69.1	17.9	66.8	17.3	62.2	16.1
		11.0	9.8	80.6	20.3	76.0	19.1	71.4	17.9	69.1	17.3	66.8	16.7	62.2	15.6
		13.0	11.8	80.6	19.6	76.0	18.4	71.4	17.3	69.1	16.7	66.8	16.2	62.2	15.1
		15.0	13.7	80.6	18.9	76.0	17.8	71.4	16.7	69.1	16.2	66.8	15.7	62.2	14.6
50	475	-19.8	-20.0	60.9	33.4	60.8	34.1	59.5	33.7	57.6	32.4	55.7	31.1	51.9	28.7
		-18.8	-19.0	63.2	33.8	63.1	34.5	59.5	32.2	57.6	31.0	55.7	29.8	51.9	27.5
		-16.7	-17.0	67.1	34.2	63.3	31.9	59.5	29.7	57.6	28.6	55.7	27.5	51.9	25.4
		-14.7	-15.0	67.1	31.7	63.3	29.6	59.5	27.5	57.6	26.5	55.7	25.5	51.9	23.6
		-12.6	-13.0	67.1	29.5	63.3	27.6	59.5	25.7	57.6	24.8	55.7	23.8	51.9	22.1
		-10.5	-11.0	67.1	27.6	63.3	25.8	59.5	24.1	57.6	23.2	55.7	22.4	51.9	20.7
		-9.5	-10.0	67.1	26.7	63.3	25.0	59.5	23.3	57.6	22.5	55.7	21.7	51.9	20.1
		-8.5	-9.1	67.1	26.0	63.3	24.3	59.5	22.7	57.6	21.9	55.7	21.2	51.9	19.6
		-7.0	-7.6	67.1	24.9	63.3	23.3	59.5	21.8	57.6	21.0	55.7	20.3	51.9	18.8
		-5.0	-5.6	67.1	23.5	63.3	22.1	59.5	20.6	57.6	19.9	55.7	19.3	51.9	17.9
		-3.0	-3.7	67.1	22.4	63.3	21.0	59.5	19.7	57.6	19.0	55.7	18.4	51.9	17.1
		0.0	-0.7	67.1	20.8	63.3	19.6	59.5	18.3	57.6	17.7	55.7	17.1	51.9	16.0
		3.0	2.2	67.1	19.5	63.3	18.4	59.5	17.2	57.6	16.7	55.7	16.1	51.9	15.0
		5.0	4.1	67.1	18.8	63.3	17.7	59.5	16.6	57.6	16.1	55.7	15.5	51.9	14.5
		7.0	6.0	67.1	18.1	63.3	17.0	59.5	16.0	57.6	15.5	55.7	15.0	51.9	14.0
		9.0	7.9	67.1	17.4	63.3	16.4	59.5	15.4	57.6	15.0	55.7	14.5	51.9	13.5
		11.0	9.8	67.1	16.8	63.3	15.9	59.5	14.9	57.6	14.5	55.7	14.0	51.9	13.1
		13.0	11.8	67.1	16.3	63.3	15.3	59.5	14.4	57.6	14.0	55.7	13.6	51.9	12.7
		15.0	13.7	67.1	15.7	63.3	14.9	59.5	14.0	57.6	13.6	55.7	13.2	51.9	12.3

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

PA-40MX3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	1,300	-19.8	-20.0	69.8	16.4	69.5	18.3	69.2	20.3	69.0	21.2	68.9	22.2	68.6	24.1
		-18.8	-19.0	72.2	17.7	71.9	19.5	71.6	21.3	71.5	22.3	71.3	23.2	71.0	25.0
		-16.7	-17.0	77.1	19.9	76.8	21.6	76.5	23.3	76.4	24.2	76.2	25.0	75.9	26.7
		-14.7	-15.0	82.0	21.8	81.7	23.4	81.4	25.0	81.3	25.8	81.1	26.6	80.8	28.2
		-12.6	-13.0	86.9	23.5	86.6	25.0	86.3	26.5	86.2	27.3	86.0	28.0	85.7	29.5
		-10.5	-11.0	91.8	25.0	91.5	26.4	91.2	27.8	91.1	28.5	90.9	29.3	90.6	30.7
		-9.5	-10.0	94.2	25.7	93.9	27.1	93.6	28.4	93.5	29.1	93.4	29.8	93.1	31.2
		-8.5	-9.1	96.4	26.3	96.1	27.6	95.8	29.0	95.7	29.6	95.6	30.3	95.3	31.7
		-7.0	-7.6	100	27.2	99.8	28.5	99.5	29.8	99.4	30.4	99.2	31.1	98.9	32.4
		-5.0	-5.6	105	28.3	105	29.6	104	30.8	104	31.4	104	32.0	104	33.3
		-3.0	-3.7	110	29.3	109	30.5	109	31.7	109	32.2	109	32.8	108	34.0
		0.0	-0.7	117	30.7	117	31.8	116	32.9	116	33.4	116	34.0	116	35.1
		3.0	2.2	124	31.8	124	32.9	123	33.9	123	34.4	123	35.0	123	36.0
		5.0	4.1	129	32.5	128	33.5	128	34.5	128	35.0	128	35.5	128	36.5
		7.0	6.0	133	33.2	133	34.1	133	35.1	133	35.6	133	36.1	132	37.0
		9.0	7.9	138	33.8	138	34.7	137	35.6	137	36.1	137	36.6	137	37.5
		11.0	9.8	143	34.3	142	35.2	142	36.1	142	36.6	142	37.0	142	37.9
		13.0	11.8	148	34.9	147	35.8	147	36.6	147	37.1	147	37.5	143	37.1
		15.0	13.7	152	35.4	152	36.2	152	37.1	151	37.5	151	37.9	143	35.7
120	1,200	-19.8	-20.0	69.4	19.0	69.1	20.8	68.8	22.5	68.7	23.4	68.6	24.3	68.3	26.1
		-18.8	-19.0	71.8	20.1	71.5	21.8	71.3	23.5	71.1	24.4	71.0	25.2	70.7	26.9
		-16.7	-17.0	76.7	22.2	76.4	23.8	76.2	25.3	76.0	26.1	75.9	26.9	75.6	28.5
		-14.7	-15.0	81.6	24.0	81.3	25.4	81.1	26.9	80.9	27.7	80.8	28.4	80.5	29.9
		-12.6	-13.0	86.5	25.5	86.2	26.9	86.0	28.3	85.8	29.0	85.7	29.7	85.4	31.1
		-10.5	-11.0	91.4	26.9	91.1	28.2	90.9	29.5	90.7	30.2	90.6	30.9	90.3	32.2
		-9.5	-10.0	93.8	27.5	93.6	28.8	93.3	30.1	93.2	30.8	93.0	31.4	92.8	32.7
		-8.5	-9.1	96.0	28.1	95.8	29.3	95.5	30.6	95.4	31.2	95.2	31.8	95.0	33.1
		-7.0	-7.6	99.7	28.9	99.4	30.1	99.2	31.4	99.0	32.0	98.9	32.6	98.6	33.8
		-5.0	-5.6	105	30.0	104	31.1	104	32.3	104	32.8	104	33.4	104	34.6
		-3.0	-3.7	109	30.9	109	32.0	109	33.1	109	33.6	108	34.2	108	35.3
		0.0	-0.7	117	32.2	116	33.2	116	34.2	116	34.7	116	35.2	116	36.2
		3.0	2.2	124	33.2	123	34.2	123	35.2	123	35.6	123	36.1	123	37.1
		5.0	4.1	128	33.9	128	34.8	128	35.7	128	36.2	128	36.7	127	37.6
		7.0	6.0	133	34.5	133	35.4	132	36.3	132	36.7	132	37.2	132	38.0
		9.0	7.9	138	35.0	137	35.9	137	36.8	137	37.2	137	37.6	132	36.6
		11.0	9.8	142	35.6	142	36.4	142	37.2	142	37.6	141	38.1	132	35.2
		13.0	11.8	147	36.1	147	36.9	147	37.7	147	38.1	142	36.7	132	33.7
		15.0	13.7	152	36.5	152	37.3	151	38.1	147	36.8	142	35.4	132	32.5
110	1,100	-19.8	-20.0	69.0	21.6	68.7	23.2	68.5	24.8	68.4	25.6	68.2	26.4	68.0	28.1
		-18.8	-19.0	71.4	22.6	71.2	24.2	70.9	25.7	70.8	26.5	70.7	27.3	70.4	28.9
		-16.7	-17.0	76.3	24.5	76.1	25.9	75.8	27.4	75.7	28.1	75.6	28.9	75.3	30.3
		-14.7	-15.0	81.2	26.1	81.0	27.5	80.7	28.8	80.6	29.5	80.5	30.2	80.2	31.6
		-12.6	-13.0	86.1	27.6	85.9	28.8	85.6	30.1	85.5	30.8	85.4	31.4	85.1	32.7
		-10.5	-11.0	91.0	28.8	90.8	30.0	90.5	31.3	90.4	31.9	90.3	32.5	90.0	33.7
		-9.5	-10.0	93.4	29.4	93.2	30.6	93.0	31.8	92.8	32.4	92.7	32.9	92.5	34.1
		-8.5	-9.1	95.6	29.9	95.4	31.1	95.2	32.2	95.0	32.8	94.9	33.4	94.7	34.5
		-7.0	-7.6	99.3	30.7	99.1	31.8	98.8	32.9	98.7	33.5	98.6	34.0	98.3	35.1
		-5.0	-5.6	104	31.7	104	32.7	104	33.8	104	34.3	103	34.8	103	35.9
		-3.0	-3.7	109	32.5	109	33.5	108	34.5	108	35.0	108	35.5	108	36.5
		0.0	-0.7	116	33.7	116	34.6	116	35.5	116	36.0	115	36.5	115	37.4
		3.0	2.2	123	34.6	123	35.5	123	36.4	123	36.8	123	37.3	121	37.7
		5.0	4.1	128	35.2	128	36.1	127	36.9	127	37.4	127	37.8	121	36.0
		7.0	6.0	133	35.8	132	36.6	132	37.4	132	37.8	130	37.5	121	34.4
		9.0	7.9	137	36.3	137	37.1	137	37.9	135	37.4	130	35.9	121	33.0
		11.0	9.8	142	36.8	142	37.5	139	37.4	135	35.9	130	34.5	121	31.7
		13.0	11.8	147	37.2	147	38.0	139	35.8	135	34.5	130	33.1	121	30.5
		15.0	13.7	151	37.7	148	37.2	139	34.5	135	33.2	130	31.9	121	29.4

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	1,000	-19.8	-20.0	68.6	24.2	68.4	25.6	68.1	27.1	68.0	27.8	67.9	28.6	67.7	30.1
		-18.8	-19.0	71.0	25.1	70.8	26.5	70.6	28.0	70.5	28.7	70.4	29.4	70.1	30.8
		-16.7	-17.0	75.9	26.8	75.7	28.1	75.5	29.5	75.4	30.1	75.3	30.8	75.0	32.1
		-14.7	-15.0	80.8	28.3	80.6	29.5	80.4	30.8	80.3	31.4	80.2	32.0	79.9	33.2
		-12.6	-13.0	85.7	29.6	85.5	30.8	85.3	31.9	85.2	32.5	85.0	33.1	84.8	34.3
		-10.5	-11.0	90.6	30.8	90.4	31.9	90.2	33.0	90.0	33.5	89.9	34.1	89.7	35.2
		-9.5	-10.0	93.1	31.3	92.8	32.4	92.6	33.4	92.5	34.0	92.4	34.5	92.2	35.6
		-8.5	-9.1	95.3	31.8	95.0	32.8	94.8	33.8	94.7	34.4	94.6	34.9	94.4	35.9
		-7.0	-7.6	98.9	32.5	98.7	33.5	98.5	34.5	98.4	35.0	98.3	35.5	98.0	36.5
		-5.0	-5.6	104	33.3	104	34.3	103	35.2	103	35.7	103	36.2	103	37.1
		-3.0	-3.7	108	34.1	108	35.0	108	35.9	108	36.4	108	36.8	108	37.7
		0.0	-0.7	116	35.1	116	36.0	115	36.9	115	37.3	115	37.7	110	36.2
		3.0	2.2	123	36.1	123	36.9	122	37.7	122	38.1	118	36.6	110	33.6
		5.0	4.1	128	36.6	127	37.4	127	37.8	122	36.4	118	35.0	110	32.2
		7.0	6.0	132	37.1	132	37.8	127	36.2	122	34.8	118	33.5	110	30.8
		9.0	7.9	137	37.6	135	37.4	127	34.7	122	33.4	118	32.1	110	29.6
		11.0	9.8	141	38.0	135	35.9	127	33.4	122	32.1	118	30.9	110	28.5
		13.0	11.8	143	36.9	135	34.5	127	32.0	122	30.8	118	29.7	110	27.4
		15.0	13.7	143	35.6	135	33.2	127	30.9	122	29.7	118	28.6	110	26.4
90	900	-19.8	-20.0	68.2	26.8	68.0	28.1	67.8	29.4	67.7	30.1	67.6	30.7	67.4	32.0
		-18.8	-19.0	70.6	27.6	70.4	28.9	70.2	30.2	70.1	30.8	70.0	31.4	69.8	32.7
		-16.7	-17.0	75.5	29.1	75.3	30.3	75.1	31.5	75.0	32.1	74.9	32.7	74.7	33.9
		-14.7	-15.0	80.4	30.5	80.2	31.6	80.0	32.7	79.9	33.3	79.8	33.8	79.6	34.9
		-12.6	-13.0	85.3	31.6	85.1	32.7	84.9	33.7	84.8	34.3	84.7	34.8	84.5	35.8
		-10.5	-11.0	90.2	32.7	90.0	33.7	89.8	34.7	89.7	35.2	89.6	35.7	89.4	36.6
		-9.5	-10.0	92.7	33.2	92.5	34.1	92.3	35.1	92.2	35.6	92.1	36.1	91.9	37.0
		-8.5	-9.1	94.9	33.6	94.7	34.5	94.5	35.5	94.4	35.9	94.3	36.4	94.1	37.3
		-7.0	-7.6	98.5	34.2	98.3	35.1	98.1	36.0	98.0	36.5	97.9	36.9	97.7	37.8
		-5.0	-5.6	103	35.0	103	35.9	103	36.7	103	37.2	103	37.6	99.2	36.5
		-3.0	-3.7	108	35.7	108	36.5	108	37.3	108	37.7	107	37.6	99.2	34.6
		0.0	-0.7	115	36.6	115	37.4	114	37.6	110	36.1	107	34.7	99.2	31.9
		3.0	2.2	123	37.5	121	37.6	114	34.9	110	33.6	107	32.3	99.2	29.8
		5.0	4.1	127	37.9	121	35.9	114	33.4	110	32.1	107	30.9	99.2	28.5
		7.0	6.0	128	36.9	121	34.4	114	32.0	110	30.8	107	29.6	99.2	27.3
		9.0	7.9	128	35.4	121	33.0	114	30.7	110	29.6	107	28.5	99.2	26.3
		11.0	9.8	128	34.0	121	31.7	114	29.5	110	28.4	107	27.4	99.2	25.3
		13.0	11.8	128	32.6	121	30.5	114	28.4	110	27.3	107	26.3	99.2	24.3
		15.0	13.7	128	31.4	121	29.4	114	27.4	110	26.4	107	25.4	99.2	23.5
80	800	-19.8	-20.0	67.8	29.3	67.6	30.5	67.4	31.7	67.4	32.3	67.3	32.9	67.1	34.0
		-18.8	-19.0	70.3	30.1	70.1	31.2	69.9	32.4	69.8	32.9	69.7	33.5	69.5	34.6
		-16.7	-17.0	75.1	31.5	75.0	32.5	74.8	33.6	74.7	34.1	74.6	34.6	74.4	35.7
		-14.7	-15.0	80.0	32.6	79.9	33.6	79.7	34.6	79.6	35.1	79.5	35.6	79.3	36.6
		-12.6	-13.0	84.9	33.7	84.8	34.6	84.6	35.5	84.5	36.0	84.4	36.5	84.2	37.4
		-10.5	-11.0	89.8	34.6	89.6	35.5	89.5	36.4	89.4	36.8	89.3	37.3	88.2	37.5
		-9.5	-10.0	92.3	35.0	92.1	35.9	91.9	36.8	91.8	37.2	91.7	37.6	88.2	36.3
		-8.5	-9.1	94.5	35.4	94.3	36.2	94.1	37.1	94.0	37.5	93.9	37.9	88.2	35.3
		-7.0	-7.6	98.1	36.0	98.0	36.8	97.8	37.6	97.7	38.0	94.7	36.6	88.2	33.7
		-5.0	-5.6	103	36.7	103	37.4	101	37.4	97.9	35.9	94.7	34.5	88.2	31.7
		-3.0	-3.7	108	37.3	108	38.0	101	35.4	97.9	34.0	94.7	32.7	88.2	30.1
		0.0	-0.7	114	37.7	108	35.2	101	32.7	97.9	31.5	94.7	30.3	88.2	27.9
		3.0	2.2	114	35.1	108	32.7	101	30.4	97.9	29.3	94.7	28.2	88.2	26.0
		5.0	4.1	114	33.5	108	31.3	101	29.1	97.9	28.1	94.7	27.0	88.2	25.0
		7.0	6.0	114	32.1	108	30.0	101	27.9	97.9	26.9	94.7	25.9	88.2	24.0
		9.0	7.9	114	30.8	108	28.8	101	26.9	97.9	25.9	94.7	24.9	88.2	23.1
		11.0	9.8	114	29.6	108	27.7	101	25.9	97.9	24.9	94.7	24.0	88.2	22.3
		13.0	11.8	114	28.5	108	26.7	101	24.9	97.9	24.0	94.7	23.1	88.2	21.4
		15.0	13.7	114	27.5	108	25.7	101	24.0	97.9	23.2	94.7	22.4	88.2	20.7

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	700	-19.8	-20.0	67.4	31.9	67.3	32.9	67.1	34.0	67.0	34.5	66.9	35.0	66.8	36.0
		-18.8	-19.0	69.9	32.6	69.7	33.6	69.5	34.6	69.5	35.1	69.4	35.6	69.2	36.5
		-16.7	-17.0	74.8	33.8	74.6	34.7	74.4	35.6	74.4	36.1	74.3	36.5	74.1	37.5
		-14.7	-15.0	79.6	34.8	79.5	35.7	79.3	36.5	79.3	37.0	79.2	37.4	77.2	36.9
		-12.6	-13.0	84.5	35.7	84.4	36.5	84.2	37.4	84.1	37.8	82.9	37.3	77.2	34.3
		-10.5	-11.0	89.4	36.5	89.3	37.3	88.6	37.7	85.7	36.3	82.9	34.8	77.2	32.0
		-9.5	-10.0	91.9	36.9	91.7	37.7	88.6	36.5	85.7	35.1	82.9	33.7	77.2	31.0
		-8.5	-9.1	94.1	37.2	93.9	38.0	88.6	35.4	85.7	34.1	82.9	32.8	77.2	30.2
		-7.0	-7.6	97.8	37.7	94.2	36.4	88.6	33.8	85.7	32.5	82.9	31.3	77.2	28.8
		-5.0	-5.6	99.9	36.8	94.2	34.3	88.6	31.9	85.7	30.7	82.9	29.5	77.2	27.3
		-3.0	-3.7	99.9	34.9	94.2	32.5	88.6	30.3	85.7	29.2	82.9	28.1	77.2	25.9
		0.0	-0.7	99.9	32.2	94.2	30.1	88.6	28.0	85.7	27.0	82.9	26.0	77.2	24.1
		3.0	2.2	99.9	30.0	94.2	28.1	88.6	26.2	85.7	25.2	82.9	24.3	77.2	22.5
		5.0	4.1	99.9	28.7	94.2	26.9	88.6	25.1	85.7	24.2	82.9	23.3	77.2	21.6
		7.0	6.0	99.9	27.5	94.2	25.8	88.6	24.1	85.7	23.3	82.9	22.4	77.2	20.8
		9.0	7.9	99.9	26.5	94.2	24.8	88.6	23.2	85.7	22.4	82.9	21.6	77.2	20.0
		11.0	9.8	99.9	25.5	94.2	23.9	88.6	22.4	85.7	21.6	82.9	20.8	77.2	19.3
		13.0	11.8	99.9	24.5	94.2	23.0	88.6	21.5	85.7	20.8	82.9	20.1	77.2	18.7
		15.0	13.7	99.9	23.7	94.2	22.2	88.6	20.8	85.7	20.1	82.9	19.4	77.2	18.1
60	600	-19.8	-20.0	67.0	34.5	66.9	35.4	66.8	36.3	66.7	36.7	66.6	37.1	66.1	37.7
		-18.8	-19.0	69.5	35.1	69.3	35.9	69.2	36.8	69.1	37.2	69.1	37.6	66.1	36.1
		-16.7	-17.0	74.4	36.1	74.2	36.9	74.1	37.7	73.5	37.6	71.0	36.1	66.1	33.2
		-14.7	-15.0	79.3	37.0	79.1	37.7	75.9	36.2	73.5	34.8	71.0	33.4	66.1	30.8
		-12.6	-13.0	84.1	37.8	80.8	36.2	75.9	33.6	73.5	32.4	71.0	31.1	66.1	28.7
		-10.5	-11.0	85.7	36.2	80.8	33.8	75.9	31.4	73.5	30.3	71.0	29.1	66.1	26.9
		-9.5	-10.0	85.7	35.0	80.8	32.7	75.9	30.4	73.5	29.3	71.0	28.2	66.1	26.0
		-8.5	-9.1	85.7	34.1	80.8	31.8	75.9	29.6	73.5	28.5	71.0	27.4	66.1	25.4
		-7.0	-7.6	85.7	32.5	80.8	30.4	75.9	28.3	73.5	27.3	71.0	26.3	66.1	24.3
		-5.0	-5.6	85.7	30.7	80.8	28.7	75.9	26.7	73.5	25.8	71.0	24.9	66.1	23.0
		-3.0	-3.7	85.7	29.1	80.8	27.3	75.9	25.4	73.5	24.5	71.0	23.7	66.1	21.9
		0.0	-0.7	85.7	27.0	80.8	25.3	75.9	23.6	73.5	22.8	71.0	22.0	66.1	20.4
		3.0	2.2	85.7	25.2	80.8	23.7	75.9	22.1	73.5	21.4	71.0	20.6	66.1	19.1
		5.0	4.1	85.7	24.2	80.8	22.7	75.9	21.2	73.5	20.5	71.0	19.8	66.1	18.4
		7.0	6.0	85.7	23.2	80.8	21.8	75.9	20.4	73.5	19.8	71.0	19.1	66.1	17.7
		9.0	7.9	85.7	22.4	80.8	21.0	75.9	19.7	73.5	19.0	71.0	18.4	66.1	17.1
		11.0	9.8	85.7	21.6	80.8	20.3	75.9	19.0	73.5	18.4	71.0	17.8	66.1	16.6
		13.0	11.8	85.7	20.8	80.8	19.6	75.9	18.4	73.5	17.8	71.0	17.2	66.1	16.0
		15.0	13.7	85.7	20.1	80.8	18.9	75.9	17.8	73.5	17.2	71.0	16.6	66.1	15.5
50	500	-19.8	-20.0	66.6	37.1	66.5	37.8	63.3	35.7	61.2	34.4	59.2	33.0	55.1	30.4
		-18.8	-19.0	69.1	37.6	67.3	36.8	63.3	34.2	61.2	32.9	59.2	31.6	55.1	29.2
		-16.7	-17.0	71.4	36.3	67.3	33.9	63.3	31.5	61.2	30.3	59.2	29.2	55.1	26.9
		-14.7	-15.0	71.4	33.6	67.3	31.4	63.3	29.2	61.2	28.2	59.2	27.1	55.1	25.0
		-12.6	-13.0	71.4	31.3	67.3	29.2	63.3	27.3	61.2	26.3	59.2	25.3	55.1	23.4
		-10.5	-11.0	71.4	29.3	67.3	27.4	63.3	25.6	61.2	24.7	59.2	23.8	55.1	22.0
		-9.5	-10.0	71.4	28.4	67.3	26.6	63.3	24.8	61.2	23.9	59.2	23.1	55.1	21.4
		-8.5	-9.1	71.4	27.6	67.3	25.8	63.3	24.1	61.2	23.3	59.2	22.5	55.1	20.8
		-7.0	-7.6	71.4	26.4	67.3	24.8	63.3	23.1	61.2	22.3	59.2	21.5	55.1	20.0
		-5.0	-5.6	71.4	25.0	67.3	23.4	63.3	21.9	61.2	21.2	59.2	20.4	55.1	19.0
		-3.0	-3.7	71.4	23.8	67.3	22.3	63.3	20.9	61.2	20.2	59.2	19.5	55.1	18.1
		0.0	-0.7	71.4	22.1	67.3	20.8	63.3	19.5	61.2	18.8	59.2	18.2	55.1	16.9
		3.0	2.2	71.4	20.7	67.3	19.5	63.3	18.3	61.2	17.7	59.2	17.1	55.1	16.0
		5.0	4.1	71.4	19.9	67.3	18.7	63.3	17.6	61.2	17.0	59.2	16.5	55.1	15.4
		7.0	6.0	71.4	19.2	67.3	18.1	63.3	17.0	61.2	16.4	59.2	15.9	55.1	14.8
		9.0	7.9	71.4	18.5	67.3	17.4	63.3	16.4	61.2	15.9	59.2	15.4	55.1	14.4
		11.0	9.8	71.4	17.9	67.3	16.8	63.3	15.9	61.2	15.4	59.2	14.9	55.1	13.9
		13.0	11.8	71.4	17.3	67.3	16.3	63.3	15.3	61.2	14.9	59.2	14.4	55.1	13.5
		15.0	13.7	71.4	16.7	67.3	15.8	63.3	14.9	61.2	14.4	59.2	14.0	55.1	13.1

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

PA-42MX3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	1,365	-19.8	-20.0	70.5	15.2	70.2	17.1	69.9	19.1	69.7	20.1	69.6	21.1	69.3	23.1
		-18.8	-19.0	73.0	16.4	72.7	18.3	72.4	20.2	72.2	21.2	72.1	22.1	71.8	24.0
		-16.7	-17.0	77.9	18.7	77.6	20.5	77.3	22.3	77.1	23.1	77.0	24.0	76.7	25.8
		-14.7	-15.0	82.8	20.7	82.5	22.4	82.2	24.0	82.1	24.8	81.9	25.7	81.6	27.3
		-12.6	-13.0	87.8	22.4	87.5	24.0	87.2	25.6	87.0	26.3	86.9	27.1	86.6	28.7
		-10.5	-11.0	92.7	24.0	92.4	25.5	92.1	26.9	91.9	27.7	91.8	28.4	91.5	29.9
		-9.5	-10.0	95.2	24.7	94.9	26.1	94.6	27.6	94.4	28.3	94.3	29.0	94.0	30.4
		-8.5	-9.1	97.4	25.3	97.1	26.7	96.8	28.1	96.6	28.8	96.5	29.5	96.2	30.9
		-7.0	-7.6	101	26.3	101	27.6	100	29.0	100	29.6	100	30.3	99.9	31.6
		-5.0	-5.6	106	27.4	106	28.7	105	30.0	105	30.6	105	31.3	105	32.5
		-3.0	-3.7	111	28.4	110	29.7	110	30.9	110	31.5	110	32.1	110	33.3
		0.0	-0.7	118	29.9	118	31.0	118	32.1	117	32.7	117	33.3	117	34.4
		3.0	2.2	125	31.1	125	32.1	125	33.2	125	33.7	124	34.3	124	35.4
		5.0	4.1	130	31.8	130	32.8	129	33.8	129	34.4	129	34.9	129	35.9
		7.0	6.0	135	32.4	134	33.4	134	34.4	134	34.9	134	35.4	133	36.4
		9.0	7.9	139	33.1	139	34.0	139	35.0	139	35.5	138	35.9	138	36.9
		11.0	9.8	144	33.6	144	34.6	143	35.5	143	36.0	143	36.4	143	37.4
		13.0	11.8	149	34.2	149	35.1	148	36.0	148	36.5	148	36.9	148	37.8
		15.0	13.7	154	34.7	153	35.6	153	36.5	153	36.9	153	37.3	149	36.9
120	1,260	-19.8	-20.0	70.1	17.8	69.8	19.7	69.5	21.5	69.4	22.4	69.3	23.3	69.0	25.1
		-18.8	-19.0	72.6	19.0	72.3	20.8	72.0	22.5	71.9	23.4	71.7	24.3	71.4	26.0
		-16.7	-17.0	77.5	21.1	77.2	22.7	76.9	24.4	76.8	25.2	76.7	26.0	76.4	27.6
		-14.7	-15.0	82.4	22.9	82.1	24.5	81.9	26.0	81.7	26.8	81.6	27.5	81.3	29.1
		-12.6	-13.0	87.4	24.5	87.1	26.0	86.8	27.4	86.7	28.1	86.5	28.9	86.3	30.3
		-10.5	-11.0	92.3	26.0	92.0	27.3	91.7	28.7	91.6	29.4	91.5	30.1	91.2	31.4
		-9.5	-10.0	94.8	26.6	94.5	28.0	94.2	29.3	94.1	29.9	93.9	30.6	93.7	31.9
		-8.5	-9.1	97.0	27.2	96.7	28.5	96.4	29.8	96.3	30.4	96.1	31.1	95.9	32.4
		-7.0	-7.6	101	28.1	100	29.3	100	30.6	100.0	31.2	99.9	31.8	99.6	33.0
		-5.0	-5.6	106	29.2	105	30.3	105	31.5	105	32.1	105	32.7	105	33.9
		-3.0	-3.7	110	30.1	110	31.2	110	32.3	110	32.9	109	33.5	109	34.6
		0.0	-0.7	118	31.4	117	32.4	117	33.5	117	34.0	117	34.6	117	35.6
		3.0	2.2	125	32.5	125	33.5	124	34.5	124	35.0	124	35.5	124	36.5
		5.0	4.1	130	33.2	129	34.1	129	35.1	129	35.6	129	36.0	128	37.0
		7.0	6.0	134	33.8	134	34.7	134	35.6	134	36.1	133	36.5	133	37.5
		9.0	7.9	139	34.4	139	35.2	138	36.1	138	36.6	138	37.0	138	37.8
		11.0	9.8	144	34.9	143	35.8	143	36.6	143	37.0	143	37.5	138	36.3
		13.0	11.8	149	35.4	148	36.3	148	37.1	148	37.5	148	37.9	138	34.8
		15.0	13.7	153	35.9	153	36.7	153	37.5	153	37.9	148	36.5	138	33.5
110	1,155	-19.8	-20.0	69.7	20.5	69.4	22.2	69.2	23.8	69.0	24.7	68.9	25.5	68.7	27.2
		-18.8	-19.0	72.2	21.6	71.9	23.2	71.6	24.8	71.5	25.6	71.4	26.4	71.1	28.0
		-16.7	-17.0	77.1	23.5	76.8	25.0	76.6	26.5	76.5	27.2	76.3	28.0	76.1	29.5
		-14.7	-15.0	82.0	25.2	81.8	26.6	81.5	28.0	81.4	28.7	81.3	29.4	81.0	30.8
		-12.6	-13.0	87.0	26.7	86.7	28.0	86.4	29.3	86.3	30.0	86.2	30.6	85.9	31.9
		-10.5	-11.0	91.9	28.0	91.6	29.2	91.4	30.5	91.3	31.1	91.1	31.7	90.9	33.0
		-9.5	-10.0	94.4	28.6	94.1	29.8	93.8	31.0	93.7	31.6	93.6	32.2	93.3	33.4
		-8.5	-9.1	96.6	29.1	96.3	30.3	96.1	31.5	95.9	32.0	95.8	32.6	95.6	33.8
		-7.0	-7.6	100	29.9	100	31.0	99.8	32.2	99.6	32.7	99.5	33.3	99.3	34.4
		-5.0	-5.6	105	30.9	105	32.0	105	33.0	105	33.6	104	34.1	104	35.2
		-3.0	-3.7	110	31.7	110	32.8	109	33.8	109	34.3	109	34.8	109	35.9
		0.0	-0.7	117	32.9	117	33.9	117	34.9	117	35.4	117	35.8	116	36.8
		3.0	2.2	124	34.0	124	34.9	124	35.8	124	36.2	124	36.7	123	37.6
		5.0	4.1	129	34.6	129	35.4	129	36.3	129	36.8	128	37.2	126	37.1
		7.0	6.0	134	35.1	134	36.0	133	36.8	133	37.2	133	37.7	126	35.5
		9.0	7.9	139	35.7	138	36.5	138	37.3	138	37.7	135	37.1	126	34.1
		11.0	9.8	143	36.2	143	36.9	143	37.7	140	37.1	135	35.6	126	32.8
		13.0	11.8	148	36.6	148	37.4	145	37.0	140	35.6	135	34.2	126	31.5
		15.0	13.7	153	37.1	153	37.8	145	35.6	140	34.3	135	32.9	126	30.3

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	1,050	-19.8	-20.0	69.3	23.2	69.0	24.7	68.8	26.2	68.7	27.0	68.6	27.7	68.4	29.2
		-18.8	-19.0	71.7	24.1	71.5	25.6	71.3	27.1	71.2	27.8	71.1	28.5	70.8	30.0
		-16.7	-17.0	76.7	25.9	76.4	27.2	76.2	28.6	76.1	29.3	76.0	30.0	75.8	31.3
		-14.7	-15.0	81.6	27.4	81.4	28.7	81.2	30.0	81.0	30.6	80.9	31.2	80.7	32.5
		-12.6	-13.0	86.5	28.8	86.3	30.0	86.1	31.2	86.0	31.8	85.9	32.4	85.6	33.6
		-10.5	-11.0	91.5	30.0	91.3	31.1	91.0	32.2	90.9	32.8	90.8	33.4	90.6	34.5
		-9.5	-10.0	93.9	30.5	93.7	31.6	93.5	32.7	93.4	33.3	93.3	33.8	93.0	34.9
		-8.5	-9.1	96.2	31.0	95.9	32.1	95.7	33.1	95.6	33.7	95.5	34.2	95.2	35.3
		-7.0	-7.6	99.9	31.7	99.6	32.7	99.4	33.8	99.3	34.3	99.2	34.8	98.9	35.8
		-5.0	-5.6	105	32.6	105	33.6	104	34.6	104	35.1	104	35.6	104	36.5
		-3.0	-3.7	109	33.4	109	34.3	109	35.3	109	35.7	109	36.2	109	37.1
		0.0	-0.7	117	34.5	117	35.4	116	36.2	116	36.7	116	37.1	115	37.3
		3.0	2.2	124	35.4	124	36.2	124	37.1	123	37.5	123	37.7	115	34.7
		5.0	4.1	129	36.0	129	36.8	128	37.6	127	37.5	123	36.1	115	33.2
		7.0	6.0	133	36.5	133	37.2	132	37.4	127	35.9	123	34.5	115	31.8
		9.0	7.9	138	37.0	138	37.7	132	35.8	127	34.5	123	33.1	115	30.5
		11.0	9.8	143	37.4	140	37.0	132	34.4	127	33.1	123	31.9	115	29.4
		13.0	11.8	148	37.8	140	35.5	132	33.0	127	31.8	123	30.6	115	28.2
		15.0	13.7	148	36.7	140	34.2	132	31.8	127	30.7	123	29.5	115	27.2
90	945	-19.8	-20.0	68.9	25.8	68.7	27.2	68.5	28.6	68.4	29.2	68.2	29.9	68.0	31.3
		-18.8	-19.0	71.3	26.7	71.1	28.0	70.9	29.3	70.8	30.0	70.7	30.6	70.5	32.0
		-16.7	-17.0	76.3	28.3	76.1	29.5	75.9	30.7	75.8	31.3	75.6	32.0	75.4	33.2
		-14.7	-15.0	81.2	29.7	81.0	30.8	80.8	32.0	80.7	32.5	80.6	33.1	80.4	34.2
		-12.6	-13.0	86.1	30.9	85.9	31.9	85.7	33.0	85.6	33.6	85.5	34.1	85.3	35.2
		-10.5	-11.0	91.1	31.9	90.9	33.0	90.7	34.0	90.6	34.5	90.5	35.0	90.2	36.0
		-9.5	-10.0	93.5	32.4	93.3	33.4	93.1	34.4	93.0	34.9	92.9	35.4	92.7	36.4
		-8.5	-9.1	95.8	32.9	95.6	33.8	95.3	34.8	95.2	35.3	95.1	35.8	94.9	36.7
		-7.0	-7.6	99.5	33.5	99.3	34.5	99.0	35.4	98.9	35.9	98.8	36.3	98.6	37.2
		-5.0	-5.6	104	34.3	104	35.2	104	36.1	104	36.5	104	37.0	103	37.6
		-3.0	-3.7	109	35.0	109	35.9	109	36.7	109	37.1	108	37.6	103	35.7
		0.0	-0.7	116	36.0	116	36.8	116	37.6	115	37.3	111	35.8	103	32.9
		3.0	2.2	124	36.9	123	37.6	118	36.0	115	34.7	111	33.3	103	30.7
		5.0	4.1	128	37.4	126	37.1	118	34.4	115	33.2	111	31.9	103	29.4
		7.0	6.0	133	37.8	126	35.5	118	33.0	115	31.8	111	30.6	103	28.2
		9.0	7.9	134	36.5	126	34.1	118	31.7	115	30.5	111	29.4	103	27.1
		11.0	9.8	134	35.0	126	32.7	118	30.5	115	29.3	111	28.2	103	26.1
		13.0	11.8	134	33.6	126	31.4	118	29.3	115	28.2	111	27.2	103	25.1
		15.0	13.7	134	32.4	126	30.3	118	28.2	115	27.2	111	26.2	103	24.3
80	840	-19.8	-20.0	68.5	28.5	68.3	29.7	68.1	30.9	68.0	31.5	67.9	32.1	67.7	33.3
		-18.8	-19.0	70.9	29.3	70.7	30.4	70.6	31.6	70.5	32.2	70.4	32.8	70.2	33.9
		-16.7	-17.0	75.9	30.7	75.7	31.8	75.5	32.8	75.4	33.4	75.3	33.9	75.1	35.0
		-14.7	-15.0	80.8	31.9	80.6	32.9	80.4	33.9	80.3	34.4	80.2	35.0	80.1	36.0
		-12.6	-13.0	85.7	33.0	85.6	33.9	85.4	34.9	85.3	35.4	85.2	35.9	85.0	36.8
		-10.5	-11.0	90.7	33.9	90.5	34.8	90.3	35.7	90.2	36.2	90.1	36.7	89.9	37.6
		-9.5	-10.0	93.1	34.4	93.0	35.3	92.8	36.1	92.7	36.6	92.6	37.0	91.7	37.4
		-8.5	-9.1	95.4	34.8	95.2	35.6	95.0	36.5	94.9	36.9	94.8	37.3	91.7	36.4
		-7.0	-7.6	99.1	35.3	98.9	36.2	98.7	37.0	98.6	37.4	98.4	37.8	91.7	34.7
		-5.0	-5.6	104	36.1	104	36.8	104	37.6	102	37.1	98.4	35.6	91.7	32.8
		-3.0	-3.7	109	36.7	108	37.4	105	36.5	102	35.1	98.4	33.8	91.7	31.1
		0.0	-0.7	116	37.6	112	36.3	105	33.7	102	32.5	98.4	31.2	91.7	28.8
		3.0	2.2	119	36.2	112	33.8	105	31.4	102	30.2	98.4	29.1	91.7	26.9
		5.0	4.1	119	34.6	112	32.3	105	30.1	102	29.0	98.4	27.9	91.7	25.8
		7.0	6.0	119	33.1	112	31.0	105	28.8	102	27.8	98.4	26.8	91.7	24.8
		9.0	7.9	119	31.8	112	29.7	105	27.7	102	26.7	98.4	25.7	91.7	23.8
		11.0	9.8	119	30.6	112	28.6	105	26.7	102	25.7	98.4	24.8	91.7	23.0
		13.0	11.8	119	29.4	112	27.5	105	25.7	102	24.8	98.4	23.9	91.7	22.1
		15.0	13.7	119	28.3	112	26.5	105	24.8	102	23.9	98.4	23.1	91.7	21.4

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	735	-19.8	-20.0	68.1	31.2	67.9	32.2	67.7	33.3	67.7	33.8	67.6	34.3	67.4	35.4
		-18.8	-19.0	70.5	31.8	70.4	32.9	70.2	33.9	70.1	34.4	70.0	34.9	69.9	35.9
		-16.7	-17.0	75.5	33.1	75.3	34.0	75.1	35.0	75.1	35.4	75.0	35.9	74.8	36.9
		-14.7	-15.0	80.4	34.1	80.2	35.0	80.1	35.9	80.0	36.4	79.9	36.8	79.7	37.7
		-12.6	-13.0	85.3	35.1	85.2	35.9	85.0	36.8	84.9	37.2	84.8	37.6	80.2	35.4
		-10.5	-11.0	90.3	35.9	90.1	36.7	89.9	37.5	89.1	37.4	86.1	35.9	80.2	33.0
		-9.5	-10.0	92.7	36.3	92.6	37.1	92.1	37.6	89.1	36.2	86.1	34.8	80.2	32.0
		-8.5	-9.1	95.0	36.6	94.8	37.4	92.1	36.5	89.1	35.2	86.1	33.8	80.2	31.1
		-7.0	-7.6	98.7	37.2	98.0	37.6	92.1	34.9	89.1	33.6	86.1	32.3	80.2	29.8
		-5.0	-5.6	104	37.8	98.0	35.4	92.1	32.9	89.1	31.7	86.1	30.5	80.2	28.1
		-3.0	-3.7	104	36.0	98.0	33.6	92.1	31.2	89.1	30.1	86.1	28.9	80.2	26.7
		0.0	-0.7	104	33.2	98.0	31.0	92.1	28.9	89.1	27.9	86.1	26.8	80.2	24.8
		3.0	2.2	104	30.9	98.0	28.9	92.1	27.0	89.1	26.0	86.1	25.1	80.2	23.2
		5.0	4.1	104	29.6	98.0	27.7	92.1	25.9	89.1	25.0	86.1	24.1	80.2	22.3
		7.0	6.0	104	28.4	98.0	26.6	92.1	24.9	89.1	24.0	86.1	23.1	80.2	21.5
		9.0	7.9	104	27.3	98.0	25.6	92.1	23.9	89.1	23.1	86.1	22.3	80.2	20.7
		11.0	9.8	104	26.3	98.0	24.7	92.1	23.1	89.1	22.3	86.1	21.5	80.2	20.0
		13.0	11.8	104	25.3	98.0	23.8	92.1	22.2	89.1	21.5	86.1	20.7	80.2	19.3
		15.0	13.7	104	24.5	98.0	23.0	92.1	21.5	89.1	20.8	86.1	20.1	80.2	18.6
60	630	-19.8	-20.0	67.7	33.8	67.5	34.7	67.4	35.6	67.3	36.1	67.2	36.5	67.1	37.5
		-18.8	-19.0	70.1	34.4	70.0	35.3	69.8	36.2	69.8	36.6	69.7	37.0	68.8	37.2
		-16.7	-17.0	75.1	35.5	74.9	36.3	74.8	37.1	74.7	37.5	73.8	37.3	68.8	34.3
		-14.7	-15.0	80.0	36.4	79.9	37.1	78.9	37.3	76.4	35.9	73.8	34.5	68.8	31.7
		-12.6	-13.0	84.9	37.2	84.0	37.3	78.9	34.7	76.4	33.4	73.8	32.1	68.8	29.6
		-10.5	-11.0	89.0	37.4	84.0	34.9	78.9	32.4	76.4	31.2	73.8	30.0	68.8	27.7
		-9.5	-10.0	89.0	36.2	84.0	33.7	78.9	31.4	76.4	30.2	73.8	29.1	68.8	26.9
		-8.5	-9.1	89.0	35.1	84.0	32.8	78.9	30.5	76.4	29.4	73.8	28.3	68.8	26.2
		-7.0	-7.6	89.0	33.6	84.0	31.3	78.9	29.2	76.4	28.1	73.8	27.1	68.8	25.1
		-5.0	-5.6	89.0	31.7	84.0	29.6	78.9	27.6	76.4	26.6	73.8	25.6	68.8	23.7
		-3.0	-3.7	89.0	30.1	84.0	28.1	78.9	26.2	76.4	25.3	73.8	24.4	68.8	22.6
		0.0	-0.7	89.0	27.9	84.0	26.1	78.9	24.4	76.4	23.5	73.8	22.7	68.8	21.1
		3.0	2.2	89.0	26.0	84.0	24.4	78.9	22.8	76.4	22.0	73.8	21.3	68.8	19.8
		5.0	4.1	89.0	25.0	84.0	23.4	78.9	21.9	76.4	21.2	73.8	20.4	68.8	19.0
		7.0	6.0	89.0	24.0	84.0	22.5	78.9	21.1	76.4	20.4	73.8	19.7	68.8	18.3
		9.0	7.9	89.0	23.1	84.0	21.7	78.9	20.3	76.4	19.7	73.8	19.0	68.8	17.7
		11.0	9.8	89.0	22.3	84.0	20.9	78.9	19.6	76.4	19.0	73.8	18.3	68.8	17.1
		13.0	11.8	89.0	21.5	84.0	20.2	78.9	18.9	76.4	18.3	73.8	17.7	68.8	16.5
		15.0	13.7	89.0	20.8	84.0	19.5	78.9	18.3	76.4	17.7	73.8	17.2	68.8	16.0
50	525	-19.8	-20.0	67.2	36.5	67.1	37.2	65.8	36.9	63.6	35.5	61.5	34.1	57.3	31.4
		-18.8	-19.0	69.7	37.0	69.6	37.7	65.8	35.3	63.6	34.0	61.5	32.7	57.3	30.1
		-16.7	-17.0	74.2	37.5	70.0	35.0	65.8	32.5	63.6	31.3	61.5	30.1	57.3	27.8
		-14.7	-15.0	74.2	34.7	70.0	32.4	65.8	30.2	63.6	29.1	61.5	28.0	57.3	25.8
		-12.6	-13.0	74.2	32.3	70.0	30.2	65.8	28.1	63.6	27.1	61.5	26.1	57.3	24.2
		-10.5	-11.0	74.2	30.2	70.0	28.3	65.8	26.4	63.6	25.4	61.5	24.5	57.3	22.7
		-9.5	-10.0	74.2	29.3	70.0	27.4	65.8	25.6	63.6	24.7	61.5	23.8	57.3	22.0
		-8.5	-9.1	74.2	28.5	70.0	26.7	65.8	24.9	63.6	24.0	61.5	23.2	57.3	21.5
		-7.0	-7.6	74.2	27.2	70.0	25.5	65.8	23.9	63.6	23.0	61.5	22.2	57.3	20.6
		-5.0	-5.6	74.2	25.8	70.0	24.2	65.8	22.6	63.6	21.8	61.5	21.1	57.3	19.6
		-3.0	-3.7	74.2	24.5	70.0	23.0	65.8	21.6	63.6	20.8	61.5	20.1	57.3	18.7
		0.0	-0.7	74.2	22.8	70.0	21.4	65.8	20.1	63.6	19.4	61.5	18.8	57.3	17.5
		3.0	2.2	74.2	21.4	70.0	20.1	65.8	18.9	63.6	18.3	61.5	17.7	57.3	16.5
		5.0	4.1	74.2	20.5	70.0	19.3	65.8	18.2	63.6	17.6	61.5	17.0	57.3	15.9
		7.0	6.0	74.2	19.8	70.0	18.6	65.8	17.5	63.6	17.0	61.5	16.4	57.3	15.3
		9.0	7.9	74.2	19.1	70.0	18.0	65.8	16.9	63.6	16.4	61.5	15.8	57.3	14.8
		11.0	9.8	74.2	18.4	70.0	17.4	65.8	16.4	63.6	15.8	61.5	15.3	57.3	14.3
		13.0	11.8	74.2	17.8	70.0	16.8	65.8	15.8	63.6	15.3	61.5	14.8	57.3	13.9
		15.0	13.7	74.2	17.2	70.0	16.3	65.8	15.3	63.6	14.9	61.5	14.4	57.3	13.5

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

PA-44MX3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	1,430	-19.8	-20.0	72.9	15.1	72.6	17.1	72.3	19.2	72.2	20.2	72.0	21.2	71.7	23.3
		-18.8	-19.0	75.5	16.4	75.2	18.4	74.9	20.4	74.7	21.3	74.6	22.3	74.2	24.3
		-16.7	-17.0	80.6	18.8	80.3	20.6	80.0	22.5	79.8	23.4	79.7	24.3	79.3	26.1
		-14.7	-15.0	85.7	20.8	85.4	22.6	85.1	24.3	84.9	25.1	84.8	26.0	84.4	27.7
		-12.6	-13.0	90.8	22.7	90.5	24.3	90.2	25.9	90.0	26.7	89.9	27.5	89.5	29.1
		-10.5	-11.0	95.9	24.3	95.6	25.8	95.3	27.3	95.1	28.1	95.0	28.9	94.6	30.4
		-9.5	-10.0	98.5	25.0	98.1	26.5	97.8	28.0	97.7	28.7	97.5	29.5	97.2	31.0
		-8.5	-9.1	101	25.6	100	27.1	100	28.5	100.0	29.3	99.8	30.0	99.5	31.4
		-7.0	-7.6	105	26.6	104	28.0	104	29.4	104	30.1	104	30.8	103	32.2
		-5.0	-5.6	110	27.8	109	29.2	109	30.5	109	31.2	109	31.8	108	33.2
		-3.0	-3.7	115	28.9	114	30.2	114	31.4	114	32.1	114	32.7	113	34.0
		0.0	-0.7	122	30.4	122	31.5	122	32.7	121	33.3	121	33.9	121	35.1
		3.0	2.2	130	31.6	129	32.7	129	33.8	129	34.4	129	35.0	128	36.1
		5.0	4.1	134	32.4	134	33.4	134	34.5	134	35.0	133	35.6	133	36.7
		7.0	6.0	139	33.0	139	34.1	139	35.1	138	35.6	138	36.2	138	37.2
		9.0	7.9	144	33.7	144	34.7	143	35.7	143	36.2	143	36.7	143	37.7
		11.0	9.8	149	34.3	149	35.3	148	36.2	148	36.7	148	37.2	148	38.2
		13.0	11.8	154	34.9	154	35.8	153	36.7	153	37.2	153	37.7	153	38.6
		15.0	13.7	159	35.4	159	36.3	158	37.2	158	37.7	158	38.1	156	38.3
120	1,320	-19.8	-20.0	72.5	17.9	72.2	19.8	71.9	21.7	71.8	22.6	71.7	23.5	71.4	25.4
		-18.8	-19.0	75.1	19.1	74.8	20.9	74.5	22.7	74.3	23.6	74.2	24.5	73.9	26.4
		-16.7	-17.0	80.2	21.3	79.9	23.0	79.6	24.7	79.4	25.5	79.3	26.4	79.0	28.1
		-14.7	-15.0	85.3	23.2	85.0	24.8	84.7	26.3	84.5	27.1	84.4	27.9	84.1	29.5
		-12.6	-13.0	90.4	24.8	90.1	26.3	89.8	27.8	89.6	28.6	89.5	29.3	89.2	30.8
		-10.5	-11.0	95.5	26.3	95.2	27.7	94.9	29.2	94.7	29.9	94.6	30.6	94.3	32.0
		-9.5	-10.0	98.0	27.0	97.7	28.4	97.4	29.8	97.3	30.5	97.2	31.1	96.9	32.5
		-8.5	-9.1	100	27.6	100	28.9	99.7	30.3	99.6	31.0	99.5	31.6	99.2	33.0
		-7.0	-7.6	104	28.5	104	29.8	104	31.1	103	31.7	103	32.4	103	33.7
		-5.0	-5.6	109	29.6	109	30.9	109	32.1	109	32.7	108	33.3	108	34.5
		-3.0	-3.7	114	30.6	114	31.8	114	32.9	113	33.5	113	34.1	113	35.3
		0.0	-0.7	122	32.0	121	33.1	121	34.1	121	34.7	121	35.2	121	36.3
		3.0	2.2	129	33.1	129	34.1	129	35.2	128	35.7	128	36.2	128	37.2
		5.0	4.1	134	33.8	134	34.8	133	35.8	133	36.3	133	36.8	133	37.8
		7.0	6.0	139	34.4	139	35.4	138	36.4	138	36.8	138	37.3	138	38.3
		9.0	7.9	144	35.0	143	36.0	143	36.9	143	37.3	143	37.8	143	38.7
		11.0	9.8	149	35.6	148	36.5	148	37.4	148	37.8	148	38.3	144	37.7
		13.0	11.8	154	36.1	153	37.0	153	37.9	153	38.3	153	38.7	144	36.2
		15.0	13.7	158	36.6	158	37.5	158	38.3	158	38.7	154	37.9	144	34.9
110	1,210	-19.8	-20.0	72.1	20.6	71.8	22.4	71.6	24.1	71.4	25.0	71.3	25.8	71.0	27.6
		-18.8	-19.0	74.6	21.7	74.4	23.4	74.1	25.1	74.0	25.9	73.8	26.8	73.6	28.4
		-16.7	-17.0	79.7	23.7	79.5	25.3	79.2	26.9	79.1	27.6	78.9	28.4	78.7	30.0
		-14.7	-15.0	84.8	25.5	84.6	27.0	84.3	28.4	84.2	29.1	84.1	29.9	83.8	31.3
		-12.6	-13.0	89.9	27.0	89.7	28.4	89.4	29.8	89.3	30.5	89.2	31.1	88.9	32.5
		-10.5	-11.0	95.1	28.4	94.8	29.7	94.5	31.0	94.4	31.6	94.3	32.3	94.0	33.6
		-9.5	-10.0	97.6	29.0	97.3	30.3	97.1	31.5	96.9	32.2	96.8	32.8	96.5	34.1
		-8.5	-9.1	99.9	29.6	99.6	30.8	99.4	32.0	99.2	32.6	99.1	33.2	98.8	34.5
		-7.0	-7.6	104	30.4	103	31.6	103	32.8	103	33.4	103	33.9	103	35.1
		-5.0	-5.6	109	31.4	109	32.6	108	33.7	108	34.2	108	34.8	108	35.9
		-3.0	-3.7	114	32.3	113	33.4	113	34.5	113	35.0	113	35.5	113	36.6
		0.0	-0.7	121	33.6	121	34.6	121	35.6	121	36.1	121	36.6	120	37.6
		3.0	2.2	129	34.6	128	35.6	128	36.5	128	37.0	128	37.5	128	38.4
		5.0	4.1	134	35.3	133	36.2	133	37.1	133	37.5	133	38.0	132	38.6
		7.0	6.0	138	35.8	138	36.7	138	37.6	138	38.0	138	38.5	132	36.9
		9.0	7.9	143	36.4	143	37.2	143	38.1	143	38.5	142	38.5	132	35.4
		11.0	9.8	148	36.9	148	37.7	148	38.5	146	38.5	142	37.0	132	34.0
		13.0	11.8	153	37.4	153	38.2	151	38.4	146	37.0	142	35.5	132	32.7
		15.0	13.7	158	37.9	158	38.6	151	37.0	146	35.6	142	34.2	132	31.5

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	1,100	-19.8	-20.0	71.7	23.4	71.4	25.0	71.2	26.6	71.1	27.3	70.9	28.1	70.7	29.7
		-18.8	-19.0	74.2	24.4	74.0	25.9	73.7	27.5	73.6	28.2	73.5	29.0	73.3	30.5
		-16.7	-17.0	79.3	26.2	79.1	27.6	78.8	29.1	78.7	29.8	78.6	30.5	78.4	31.9
		-14.7	-15.0	84.4	27.8	84.2	29.1	83.9	30.5	83.8	31.1	83.7	31.8	83.5	33.1
		-12.6	-13.0	89.5	29.2	89.3	30.5	89.0	31.7	88.9	32.3	88.8	33.0	88.6	34.2
		-10.5	-11.0	94.6	30.5	94.4	31.6	94.1	32.8	94.0	33.4	93.9	34.0	93.7	35.2
		-9.5	-10.0	97.2	31.0	96.9	32.2	96.7	33.3	96.6	33.9	96.5	34.5	96.2	35.6
		-8.5	-9.1	99.5	31.5	99.2	32.6	99.0	33.8	98.9	34.3	98.7	34.9	98.5	36.0
		-7.0	-7.6	103	32.3	103	33.4	103	34.4	103	35.0	103	35.5	102	36.6
		-5.0	-5.6	108	33.2	108	34.2	108	35.3	108	35.8	108	36.3	107	37.3
		-3.0	-3.7	113	34.0	113	35.0	113	36.0	113	36.5	113	37.0	112	37.9
		0.0	-0.7	121	35.2	121	36.1	120	37.0	120	37.4	120	37.9	120	38.8
		3.0	2.2	128	36.1	128	37.0	128	37.9	128	38.3	128	38.7	120	36.1
		5.0	4.1	133	36.7	133	37.5	133	38.4	133	38.8	129	37.5	120	34.5
		7.0	6.0	138	37.2	138	38.0	138	38.8	133	37.4	129	35.9	120	33.0
		9.0	7.9	143	37.7	143	38.5	138	37.2	133	35.8	129	34.4	120	31.7
		11.0	9.8	148	38.2	146	38.5	138	35.8	133	34.4	129	33.1	120	30.5
		13.0	11.8	153	38.7	146	36.9	138	34.3	133	33.1	129	31.8	120	29.3
		15.0	13.7	155	38.1	146	35.6	138	33.1	133	31.9	129	30.7	120	28.3
90	990	-19.8	-20.0	71.2	26.2	71.0	27.6	70.8	29.0	70.7	29.7	70.6	30.4	70.4	31.8
		-18.8	-19.0	73.8	27.1	73.6	28.4	73.4	29.8	73.3	30.5	73.1	31.2	72.9	32.5
		-16.7	-17.0	78.9	28.7	78.7	30.0	78.5	31.3	78.4	31.9	78.2	32.5	78.0	33.8
		-14.7	-15.0	84.0	30.2	83.8	31.3	83.6	32.5	83.5	33.1	83.3	33.7	83.1	34.9
		-12.6	-13.0	89.1	31.4	88.9	32.5	88.7	33.7	88.6	34.2	88.4	34.8	88.2	35.9
		-10.5	-11.0	94.2	32.5	94.0	33.6	93.8	34.7	93.7	35.2	93.5	35.7	93.3	36.8
		-9.5	-10.0	96.8	33.0	96.5	34.1	96.3	35.1	96.2	35.6	96.1	36.1	95.9	37.2
		-8.5	-9.1	99.0	33.5	98.8	34.5	98.6	35.5	98.5	36.0	98.4	36.5	98.2	37.5
		-7.0	-7.6	103	34.2	103	35.1	102	36.1	102	36.6	102	37.1	102	38.0
		-5.0	-5.6	108	35.0	108	35.9	108	36.9	107	37.3	107	37.8	107	38.7
		-3.0	-3.7	113	35.7	113	36.6	112	37.5	112	37.9	112	38.4	108	37.1
		0.0	-0.7	120	36.8	120	37.6	120	38.4	120	38.7	116	37.2	108	34.2
		3.0	2.2	128	37.6	128	38.4	124	37.5	120	36.0	116	34.6	108	31.9
		5.0	4.1	133	38.2	132	38.5	124	35.8	120	34.5	116	33.1	108	30.5
		7.0	6.0	138	38.6	132	36.9	124	34.3	120	33.0	116	31.8	108	29.3
		9.0	7.9	140	37.9	132	35.4	124	32.9	120	31.7	116	30.5	108	28.2
		11.0	9.8	140	36.4	132	34.0	124	31.7	120	30.5	116	29.4	108	27.1
		13.0	11.8	140	35.0	132	32.7	124	30.4	120	29.3	116	28.2	108	26.1
		15.0	13.7	140	33.7	132	31.5	124	29.4	120	28.3	116	27.3	108	25.2
80	880	-19.8	-20.0	70.8	28.9	70.6	30.2	70.4	31.5	70.3	32.1	70.2	32.7	70.0	34.0
		-18.8	-19.0	73.4	29.7	73.2	31.0	73.0	32.2	72.9	32.8	72.8	33.4	72.6	34.6
		-16.7	-17.0	78.5	31.2	78.3	32.3	78.1	33.5	78.0	34.0	77.9	34.6	77.7	35.7
		-14.7	-15.0	83.6	32.5	83.4	33.5	83.2	34.6	83.1	35.1	83.0	35.7	82.8	36.7
		-12.6	-13.0	88.7	33.6	88.5	34.6	88.3	35.6	88.2	36.1	88.1	36.6	87.9	37.6
		-10.5	-11.0	93.8	34.6	93.6	35.5	93.4	36.5	93.3	37.0	93.2	37.4	93.0	38.4
		-9.5	-10.0	96.3	35.1	96.1	36.0	95.9	36.9	95.8	37.3	95.7	37.8	95.6	38.7
		-8.5	-9.1	98.6	35.4	98.4	36.3	98.2	37.2	98.1	37.7	98.0	38.1	95.9	37.8
		-7.0	-7.6	102	36.1	102	36.9	102	37.8	102	38.2	102	38.6	95.9	36.1
		-5.0	-5.6	108	36.8	107	37.6	107	38.4	106	38.5	103	37.0	95.9	34.0
		-3.0	-3.7	112	37.5	112	38.2	110	37.9	106	36.5	103	35.1	95.9	32.3
		0.0	-0.7	120	38.4	117	37.7	110	35.0	106	33.7	103	32.4	95.9	29.9
		3.0	2.2	124	37.6	117	35.1	110	32.6	106	31.4	103	30.3	95.9	27.9
		5.0	4.1	124	35.9	117	33.6	110	31.2	106	30.1	103	29.0	95.9	26.8
		7.0	6.0	124	34.4	117	32.2	110	30.0	106	28.9	103	27.8	95.9	25.7
		9.0	7.9	124	33.0	117	30.9	110	28.8	106	27.8	103	26.8	95.9	24.8
		11.0	9.8	124	31.8	117	29.7	110	27.7	106	26.7	103	25.8	95.9	23.9
		13.0	11.8	124	30.5	117	28.6	110	26.7	106	25.7	103	24.8	95.9	23.0
		15.0	13.7	124	29.5	117	27.6	110	25.8	106	24.9	103	24.0	95.9	22.2

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	770	-19.8	-20.0	70.4	31.7	70.2	32.8	70.1	33.9	70.0	34.5	69.9	35.0	69.7	36.1
		-18.8	-19.0	72.9	32.4	72.8	33.5	72.6	34.5	72.5	35.1	72.4	35.6	72.3	36.7
		-16.7	-17.0	78.0	33.7	77.9	34.7	77.7	35.7	77.6	36.2	77.5	36.7	77.4	37.7
		-14.7	-15.0	83.1	34.8	83.0	35.7	82.8	36.7	82.7	37.1	82.6	37.6	82.5	38.5
		-12.6	-13.0	88.3	35.8	88.1	36.7	87.9	37.5	87.8	38.0	87.7	38.4	83.9	36.8
		-10.5	-11.0	93.4	36.7	93.2	37.5	93.0	38.3	92.9	38.7	90.1	37.3	83.9	34.3
		-9.5	-10.0	95.9	37.1	95.7	37.9	95.6	38.7	93.2	37.6	90.1	36.1	83.9	33.3
		-8.5	-9.1	98.2	37.4	98.0	38.2	96.3	38.0	93.2	36.5	90.1	35.1	83.9	32.3
		-7.0	-7.6	102	37.9	102	38.7	96.3	36.3	93.2	34.9	90.1	33.6	83.9	30.9
		-5.0	-5.6	107	38.6	102	36.8	96.3	34.2	93.2	32.9	90.1	31.7	83.9	29.2
		-3.0	-3.7	109	37.4	102	34.9	96.3	32.5	93.2	31.3	90.1	30.1	83.9	27.8
		0.0	-0.7	109	34.5	102	32.3	96.3	30.0	93.2	29.0	90.1	27.9	83.9	25.8
		3.0	2.2	109	32.2	102	30.1	96.3	28.1	93.2	27.1	90.1	26.1	83.9	24.1
		5.0	4.1	109	30.8	102	28.8	96.3	26.9	93.2	26.0	90.1	25.0	83.9	23.2
		7.0	6.0	109	29.5	102	27.7	96.3	25.8	93.2	24.9	90.1	24.0	83.9	22.3
		9.0	7.9	109	28.4	102	26.6	96.3	24.9	93.2	24.0	90.1	23.2	83.9	21.5
		11.0	9.8	109	27.3	102	25.6	96.3	24.0	93.2	23.1	90.1	22.3	83.9	20.7
		13.0	11.8	109	26.3	102	24.7	96.3	23.1	93.2	22.3	90.1	21.5	83.9	20.0
		15.0	13.7	109	25.4	102	23.9	96.3	22.3	93.2	21.6	90.1	20.8	83.9	19.4
60	660	-19.8	-20.0	70.0	34.5	69.8	35.4	69.7	36.4	69.6	36.8	69.5	37.3	69.4	38.3
		-18.8	-19.0	72.5	35.1	72.4	36.0	72.2	36.9	72.2	37.4	72.1	37.8	71.9	38.7
		-16.7	-17.0	77.6	36.2	77.5	37.0	77.3	37.9	77.3	38.3	77.2	38.7	71.9	35.6
		-14.7	-15.0	82.7	37.1	82.6	37.9	82.4	38.7	79.8	37.3	77.2	35.8	71.9	33.0
		-12.6	-13.0	87.8	38.0	87.7	38.7	82.5	36.0	79.8	34.7	77.2	33.4	71.9	30.7
		-10.5	-11.0	92.9	38.7	87.8	36.2	82.5	33.7	79.8	32.4	77.2	31.2	71.9	28.8
		-9.5	-10.0	93.1	37.6	87.8	35.1	82.5	32.6	79.8	31.4	77.2	30.2	71.9	27.9
		-8.5	-9.1	93.1	36.5	87.8	34.1	82.5	31.7	79.8	30.6	77.2	29.4	71.9	27.2
		-7.0	-7.6	93.1	34.9	87.8	32.6	82.5	30.3	79.8	29.2	77.2	28.2	71.9	26.0
		-5.0	-5.6	93.1	32.9	87.8	30.8	82.5	28.7	79.8	27.7	77.2	26.6	71.9	24.7
		-3.0	-3.7	93.1	31.2	87.8	29.2	82.5	27.3	79.8	26.3	77.2	25.4	71.9	23.5
		0.0	-0.7	93.1	28.9	87.8	27.1	82.5	25.3	79.8	24.5	77.2	23.6	71.9	21.9
		3.0	2.2	93.1	27.0	87.8	25.4	82.5	23.7	79.8	22.9	77.2	22.1	71.9	20.5
		5.0	4.1	93.1	25.9	87.8	24.3	82.5	22.8	79.8	22.0	77.2	21.2	71.9	19.8
		7.0	6.0	93.1	24.9	87.8	23.4	82.5	21.9	79.8	21.2	77.2	20.5	71.9	19.0
		9.0	7.9	93.1	24.0	87.8	22.5	82.5	21.1	79.8	20.4	77.2	19.7	71.9	18.4
		11.0	9.8	93.1	23.1	87.8	21.8	82.5	20.4	79.8	19.7	77.2	19.1	71.9	17.8
		13.0	11.8	93.1	22.3	87.8	21.0	82.5	19.7	79.8	19.0	77.2	18.4	71.9	17.2
		15.0	13.7	93.1	21.6	87.8	20.3	82.5	19.1	79.8	18.4	77.2	17.8	71.9	16.6
50	550	-19.8	-20.0	69.5	37.2	69.4	38.0	68.8	38.3	66.5	36.9	64.3	35.4	59.9	32.6
		-18.8	-19.0	72.1	37.7	72.0	38.5	68.8	36.7	66.5	35.3	64.3	33.9	59.9	31.3
		-16.7	-17.0	77.2	38.7	73.2	36.3	68.8	33.8	66.5	32.5	64.3	31.3	59.9	28.9
		-14.7	-15.0	77.6	36.1	73.2	33.7	68.8	31.3	66.5	30.2	64.3	29.1	59.9	26.9
		-12.6	-13.0	77.6	33.6	73.2	31.4	68.8	29.2	66.5	28.2	64.3	27.1	59.9	25.1
		-10.5	-11.0	77.6	31.4	73.2	29.4	68.8	27.4	66.5	26.4	64.3	25.5	59.9	23.6
		-9.5	-10.0	77.6	30.4	73.2	28.5	68.8	26.6	66.5	25.6	64.3	24.7	59.9	22.9
		-8.5	-9.1	77.6	29.6	73.2	27.7	68.8	25.9	66.5	25.0	64.3	24.1	59.9	22.3
		-7.0	-7.6	77.6	28.3	73.2	26.5	68.8	24.8	66.5	23.9	64.3	23.1	59.9	21.4
		-5.0	-5.6	77.6	26.8	73.2	25.1	68.8	23.5	66.5	22.7	64.3	21.9	59.9	20.4
		-3.0	-3.7	77.6	25.5	73.2	23.9	68.8	22.4	66.5	21.7	64.3	20.9	59.9	19.4
		0.0	-0.7	77.6	23.7	73.2	22.3	68.8	20.9	66.5	20.2	64.3	19.5	59.9	18.2
		3.0	2.2	77.6	22.2	73.2	20.9	68.8	19.6	66.5	19.0	64.3	18.4	59.9	17.1
		5.0	4.1	77.6	21.4	73.2	20.1	68.8	18.9	66.5	18.3	64.3	17.7	59.9	16.5
		7.0	6.0	77.6	20.6	73.2	19.4	68.8	18.2	66.5	17.6	64.3	17.0	59.9	15.9
		9.0	7.9	77.6	19.8	73.2	18.7	68.8	17.6	66.5	17.0	64.3	16.5	59.9	15.4
		11.0	9.8	77.6	19.2	73.2	18.1	68.8	17.0	66.5	16.5	64.3	15.9	59.9	14.9
		13.0	11.8	77.6	18.5	73.2	17.5	68.8	16.4	66.5	15.9	64.3	15.4	59.9	14.4
		15.0	13.7	77.6	17.9	73.2	16.9	68.8	15.9	66.5	15.5	64.3	15.0	59.9	14.0

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

PA-46MX3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	1,495	-19.8	-20.0	78.8	17.6	78.5	19.7	78.2	21.9	78.0	23.0	77.8	24.1	77.5	26.2
		-18.8	-19.0	81.6	19.0	81.3	21.1	80.9	23.1	80.8	24.2	80.6	25.2	80.3	27.3
		-16.7	-17.0	87.1	21.5	86.8	23.4	86.5	25.3	86.3	26.3	86.1	27.3	85.8	29.2
		-14.7	-15.0	92.6	23.6	92.3	25.5	92.0	27.3	91.8	28.2	91.7	29.1	91.3	30.9
		-12.6	-13.0	98.2	25.5	97.8	27.3	97.5	29.0	97.3	29.8	97.2	30.7	96.8	32.4
		-10.5	-11.0	104	27.2	103	28.9	103	30.5	103	31.3	103	32.1	102	33.7
		-9.5	-10.0	106	28.0	106	29.6	106	31.2	106	32.0	105	32.7	105	34.3
		-8.5	-9.1	109	28.7	109	30.2	108	31.8	108	32.5	108	33.3	108	34.8
		-7.0	-7.6	113	29.7	113	31.2	112	32.7	112	33.4	112	34.2	112	35.6
		-5.0	-5.6	119	31.0	118	32.4	118	33.8	118	34.5	118	35.2	117	36.6
		-3.0	-3.7	124	32.1	124	33.5	123	34.8	123	35.5	123	36.1	123	37.5
		0.0	-0.7	132	33.7	132	34.9	131	36.2	131	36.8	131	37.4	131	38.7
		3.0	2.2	140	35.0	140	36.2	139	37.3	139	37.9	139	38.5	139	39.7
		5.0	4.1	145	35.8	145	36.9	145	38.0	145	38.6	144	39.2	144	40.3
		7.0	6.0	151	36.5	150	37.6	150	38.7	150	39.2	150	39.8	149	40.9
		9.0	7.9	156	37.2	156	38.2	155	39.3	155	39.8	155	40.3	155	41.4
		11.0	9.8	161	37.8	161	38.8	160	39.9	160	40.4	160	40.9	160	41.9
		13.0	11.8	167	38.4	166	39.4	166	40.4	166	40.9	166	41.4	164	42.0
		15.0	13.7	172	39.0	172	40.0	171	40.9	171	41.4	171	41.9	164	40.4
120	1,380	-19.8	-20.0	78.4	20.5	78.1	22.5	77.8	24.5	77.6	25.5	77.5	26.5	77.2	28.5
		-18.8	-19.0	81.2	21.8	80.8	23.7	80.5	25.6	80.4	26.6	80.2	27.5	79.9	29.5
		-16.7	-17.0	86.7	24.1	86.4	25.9	86.1	27.7	85.9	28.6	85.8	29.5	85.5	31.2
		-14.7	-15.0	92.2	26.1	91.9	27.8	91.6	29.4	91.4	30.3	91.3	31.1	91.0	32.8
		-12.6	-13.0	97.7	27.9	97.4	29.4	97.1	31.0	97.0	31.8	96.8	32.6	96.5	34.2
		-10.5	-11.0	103	29.4	103	30.9	103	32.4	102	33.1	102	33.9	102	35.4
		-9.5	-10.0	106	30.1	106	31.6	105	33.0	105	33.8	105	34.5	105	35.9
		-8.5	-9.1	108	30.8	108	32.2	108	33.6	108	34.3	108	35.0	107	36.4
		-7.0	-7.6	113	31.7	112	33.1	112	34.4	112	35.1	112	35.8	111	37.2
		-5.0	-5.6	118	32.9	118	34.2	118	35.5	117	36.1	117	36.8	117	38.1
		-3.0	-3.7	123	33.9	123	35.2	123	36.4	123	37.0	122	37.6	122	38.9
		0.0	-0.7	132	35.4	131	36.5	131	37.7	131	38.2	131	38.8	130	40.0
		3.0	2.2	140	36.6	139	37.7	139	38.8	139	39.3	139	39.8	138	40.9
		5.0	4.1	145	37.3	145	38.4	144	39.4	144	39.9	144	40.4	144	41.5
		7.0	6.0	150	38.0	150	39.0	150	40.0	149	40.5	149	41.0	149	42.0
		9.0	7.9	155	38.6	155	39.6	155	40.6	155	41.0	155	41.5	152	41.4
		11.0	9.8	161	39.2	160	40.1	160	41.1	160	41.5	160	42.0	152	39.7
		13.0	11.8	166	39.8	166	40.7	166	41.6	165	42.0	163	41.5	152	38.1
		15.0	13.7	171	40.3	171	41.2	171	42.0	168	41.6	163	40.0	152	36.7
110	1,265	-19.8	-20.0	77.9	23.4	77.7	25.2	77.4	27.1	77.2	28.0	77.1	28.9	76.8	30.7
		-18.8	-19.0	80.7	24.6	80.4	26.4	80.1	28.1	80.0	29.0	79.9	29.9	79.6	31.6
		-16.7	-17.0	86.2	26.7	85.9	28.3	85.7	30.0	85.5	30.8	85.4	31.6	85.1	33.3
		-14.7	-15.0	91.8	28.5	91.5	30.1	91.2	31.6	91.0	32.4	90.9	33.2	90.6	34.7
		-12.6	-13.0	97.3	30.2	97.0	31.6	96.7	33.1	96.6	33.8	96.4	34.5	96.2	35.9
		-10.5	-11.0	103	31.6	103	33.0	102	34.3	102	35.0	102	35.7	102	37.1
		-9.5	-10.0	106	32.3	105	33.6	105	34.9	105	35.6	105	36.2	104	37.6
		-8.5	-9.1	108	32.8	108	34.1	107	35.4	107	36.1	107	36.7	107	38.0
		-7.0	-7.6	112	33.7	112	35.0	112	36.2	111	36.8	111	37.5	111	38.7
		-5.0	-5.6	118	34.8	117	36.0	117	37.2	117	37.8	117	38.4	117	39.5
		-3.0	-3.7	123	35.7	123	36.9	122	38.0	122	38.6	122	39.1	122	40.3
		0.0	-0.7	131	37.0	131	38.1	131	39.2	131	39.7	130	40.2	130	41.3
		3.0	2.2	139	38.2	139	39.2	139	40.2	139	40.7	138	41.2	138	42.2
		5.0	4.1	145	38.8	144	39.8	144	40.8	144	41.2	144	41.7	139	40.7
		7.0	6.0	150	39.5	149	40.4	149	41.3	149	41.8	149	42.2	139	38.9
		9.0	7.9	155	40.0	155	40.9	154	41.8	154	42.3	149	40.6	139	37.3
		11.0	9.8	160	40.6	160	41.4	160	42.2	154	40.6	149	39.0	139	35.9
		13.0	11.8	166	41.1	165	41.9	160	40.5	154	39.0	149	37.4	139	34.5
		15.0	13.7	171	41.6	170	42.0	160	39.0	154	37.5	149	36.1	139	33.2

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	1,150	-19.8	-20.0	77.5	26.3	77.2	28.0	77.0	29.7	76.9	30.5	76.7	31.3	76.5	33.0
		-18.8	-19.0	80.3	27.4	80.0	29.0	79.7	30.6	79.6	31.4	79.5	32.2	79.2	33.8
		-16.7	-17.0	85.8	29.3	85.5	30.8	85.3	32.3	85.1	33.1	85.0	33.8	84.8	35.3
		-14.7	-15.0	91.3	31.0	91.0	32.4	90.8	33.8	90.7	34.5	90.5	35.2	90.3	36.6
		-12.6	-13.0	96.8	32.5	96.6	33.8	96.3	35.1	96.2	35.8	96.1	36.4	95.8	37.7
		-10.5	-11.0	102	33.8	102	35.0	102	36.3	102	36.9	102	37.5	101	38.7
		-9.5	-10.0	105	34.4	105	35.6	105	36.8	104	37.4	104	38.0	104	39.2
		-8.5	-9.1	108	34.9	107	36.1	107	37.3	107	37.8	107	38.4	107	39.6
		-7.0	-7.6	112	35.7	111	36.8	111	38.0	111	38.5	111	39.1	111	40.2
		-5.0	-5.6	117	36.7	117	37.8	117	38.8	117	39.4	116	39.9	116	41.0
		-3.0	-3.7	123	37.5	122	38.6	122	39.6	122	40.1	122	40.6	121	41.7
		0.0	-0.7	131	38.7	131	39.7	130	40.7	130	41.1	130	41.6	126	40.9
		3.0	2.2	139	39.8	139	40.7	138	41.6	138	42.0	136	41.4	126	38.0
		5.0	4.1	144	40.4	144	41.2	144	42.1	140	41.1	136	39.5	126	36.3
		7.0	6.0	149	40.9	149	41.8	145	40.9	140	39.4	136	37.8	126	34.8
		9.0	7.9	155	41.5	154	42.3	145	39.2	140	37.8	136	36.3	126	33.4
		11.0	9.8	160	41.9	154	40.6	145	37.7	140	36.3	136	34.9	126	32.2
		13.0	11.8	164	41.8	154	38.9	145	36.2	140	34.9	136	33.5	126	30.9
		15.0	13.7	164	40.2	154	37.5	145	34.9	140	33.6	136	32.3	126	29.8
90	1,035	-19.8	-20.0	77.0	29.3	76.8	30.8	76.6	32.2	76.5	33.0	76.4	33.7	76.1	35.2
		-18.8	-19.0	79.8	30.2	79.6	31.7	79.3	33.1	79.2	33.8	79.1	34.5	78.9	36.0
		-16.7	-17.0	85.3	31.9	85.1	33.3	84.9	34.6	84.8	35.3	84.6	36.0	84.4	37.3
		-14.7	-15.0	90.9	33.5	90.6	34.7	90.4	36.0	90.3	36.6	90.2	37.2	89.9	38.5
		-12.6	-13.0	96.4	34.8	96.1	36.0	95.9	37.1	95.8	37.7	95.7	38.3	95.5	39.5
		-10.5	-11.0	102	36.0	102	37.1	101	38.2	101	38.8	101	39.3	101	40.4
		-9.5	-10.0	105	36.5	104	37.6	104	38.7	104	39.2	104	39.8	104	40.8
		-8.5	-9.1	107	37.0	107	38.0	107	39.1	107	39.6	106	40.1	106	41.2
		-7.0	-7.6	111	37.7	111	38.7	111	39.7	111	40.2	111	40.8	110	41.8
		-5.0	-5.6	117	38.6	117	39.6	116	40.5	116	41.0	116	41.5	114	41.2
		-3.0	-3.7	122	39.3	122	40.3	122	41.2	121	41.7	121	42.1	114	39.1
		0.0	-0.7	130	40.4	130	41.3	130	42.2	126	40.8	122	39.2	114	36.1
		3.0	2.2	138	41.4	138	42.2	131	39.5	126	38.0	122	36.5	114	33.6
		5.0	4.1	144	41.9	139	40.6	131	37.7	126	36.3	122	34.9	114	32.2
		7.0	6.0	147	41.7	139	38.9	131	36.2	126	34.8	122	33.5	114	30.9
		9.0	7.9	147	40.0	139	37.3	131	34.7	126	33.4	122	32.2	114	29.7
		11.0	9.8	147	38.4	139	35.8	131	33.4	126	32.1	122	30.9	114	28.6
		13.0	11.8	147	36.9	139	34.4	131	32.1	126	30.9	122	29.8	114	27.5
		15.0	13.7	147	35.5	139	33.2	131	30.9	126	29.8	122	28.7	114	26.6
80	920	-19.8	-20.0	76.6	32.2	76.4	33.5	76.2	34.8	76.1	35.5	76.0	36.2	75.8	37.5
		-18.8	-19.0	79.4	33.0	79.2	34.3	79.0	35.6	78.8	36.2	78.7	36.9	78.5	38.1
		-16.7	-17.0	84.9	34.6	84.7	35.8	84.5	37.0	84.4	37.5	84.3	38.1	84.1	39.3
		-14.7	-15.0	90.4	35.9	90.2	37.0	90.0	38.1	89.9	38.7	89.8	39.3	89.6	40.4
		-12.6	-13.0	95.9	37.1	95.7	38.1	95.5	39.2	95.4	39.7	95.3	40.2	95.1	41.3
		-10.5	-11.0	101	38.1	101	39.1	101	40.1	101	40.6	101	41.1	101	42.1
		-9.5	-10.0	104	38.6	104	39.6	104	40.6	104	41.0	104	41.5	101	41.0
		-8.5	-9.1	107	39.0	106	40.0	106	40.9	106	41.4	106	41.9	101	39.8
		-7.0	-7.6	111	39.7	111	40.6	110	41.5	110	41.9	109	41.4	101	38.0
		-5.0	-5.6	116	40.5	116	41.3	116	42.2	112	40.6	109	39.0	101	35.9
		-3.0	-3.7	122	41.2	121	42.0	116	40.0	112	38.5	109	37.0	101	34.1
		0.0	-0.7	130	42.1	123	39.7	116	36.9	112	35.6	109	34.2	101	31.5
		3.0	2.2	131	39.6	123	37.0	116	34.4	112	33.1	109	31.9	101	29.4
		5.0	4.1	131	37.9	123	35.4	116	32.9	112	31.7	109	30.5	101	28.2
		7.0	6.0	131	36.3	123	33.9	116	31.6	112	30.4	109	29.3	101	27.1
		9.0	7.9	131	34.8	123	32.6	116	30.4	112	29.3	109	28.2	101	26.1
		11.0	9.8	131	33.5	123	31.3	116	29.2	112	28.2	109	27.2	101	25.2
		13.0	11.8	131	32.2	123	30.1	116	28.1	112	27.1	109	26.2	101	24.2
		15.0	13.7	131	31.0	123	29.1	116	27.2	112	26.2	109	25.3	101	23.4

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	805	-19.8	-20.0	76.1	35.1	76.0	36.3	75.8	37.4	75.7	38.0	75.6	38.6	75.4	39.7
		-18.8	-19.0	78.9	35.8	78.7	37.0	78.6	38.1	78.5	38.6	78.4	39.2	78.2	40.3
		-16.7	-17.0	84.4	37.2	84.3	38.2	84.1	39.3	84.0	39.8	83.9	40.3	83.7	41.4
		-14.7	-15.0	90.0	38.4	89.8	39.3	89.6	40.3	89.5	40.8	89.4	41.3	88.5	41.7
		-12.6	-13.0	95.5	39.4	95.3	40.3	95.1	41.2	95.0	41.7	94.9	42.2	88.5	38.7
		-10.5	-11.0	101	40.3	101	41.2	101	42.1	98.2	41.0	95.0	39.4	88.5	36.2
		-9.5	-10.0	104	40.7	104	41.6	102	41.2	98.2	39.6	95.0	38.1	88.5	35.1
		-8.5	-9.1	106	41.1	106	41.9	102	40.0	98.2	38.5	95.0	37.0	88.5	34.1
		-7.0	-7.6	110	41.7	108	41.2	102	38.2	98.2	36.8	95.0	35.4	88.5	32.6
		-5.0	-5.6	115	41.6	108	38.8	102	36.0	98.2	34.7	95.0	33.4	88.5	30.8
		-3.0	-3.7	115	39.4	108	36.8	102	34.2	98.2	33.0	95.0	31.7	88.5	29.3
		0.0	-0.7	115	36.4	108	34.0	102	31.7	98.2	30.5	95.0	29.4	88.5	27.2
		3.0	2.2	115	33.9	108	31.7	102	29.6	98.2	28.5	95.0	27.5	88.5	25.4
		5.0	4.1	115	32.5	108	30.4	102	28.4	98.2	27.4	95.0	26.4	88.5	24.4
		7.0	6.0	115	31.1	108	29.2	102	27.2	98.2	26.3	95.0	25.3	88.5	23.5
		9.0	7.9	115	29.9	108	28.0	102	26.2	98.2	25.3	95.0	24.4	88.5	22.7
		11.0	9.8	115	28.8	108	27.0	102	25.3	98.2	24.4	95.0	23.5	88.5	21.9
		13.0	11.8	115	27.7	108	26.0	102	24.3	98.2	23.5	95.0	22.7	88.5	21.1
		15.0	13.7	115	26.8	108	25.1	102	23.5	98.2	22.8	95.0	22.0	88.5	20.4
60	690	-19.8	-20.0	75.7	38.0	75.5	39.0	75.4	40.0	75.3	40.5	75.2	41.0	75.1	42.0
		-18.8	-19.0	78.5	38.6	78.3	39.6	78.2	40.6	78.1	41.1	78.0	41.5	75.8	40.8
		-16.7	-17.0	84.0	39.8	83.8	40.7	83.7	41.6	83.6	42.0	81.4	40.8	75.8	37.5
		-14.7	-15.0	89.5	40.8	89.4	41.7	87.0	40.9	84.2	39.3	81.4	37.8	75.8	34.8
		-12.6	-13.0	95.0	41.7	92.6	40.9	87.0	38.0	84.2	36.6	81.4	35.2	75.8	32.4
		-10.5	-11.0	98.2	40.9	92.6	38.2	87.0	35.5	84.2	34.2	81.4	32.9	75.8	30.4
		-9.5	-10.0	98.2	39.6	92.6	37.0	87.0	34.4	84.2	33.1	81.4	31.9	75.8	29.4
		-8.5	-9.1	98.2	38.5	92.6	35.9	87.0	33.4	84.2	32.2	81.4	31.0	75.8	28.7
		-7.0	-7.6	98.2	36.8	92.6	34.3	87.0	32.0	84.2	30.8	81.4	29.7	75.8	27.4
		-5.0	-5.6	98.2	34.7	92.6	32.4	87.0	30.2	84.2	29.2	81.4	28.1	75.8	26.0
		-3.0	-3.7	98.2	32.9	92.6	30.8	87.0	28.8	84.2	27.7	81.4	26.7	75.8	24.8
		0.0	-0.7	98.2	30.5	92.6	28.6	87.0	26.7	84.2	25.8	81.4	24.9	75.8	23.1
		3.0	2.2	98.2	28.5	92.6	26.7	87.0	25.0	84.2	24.1	81.4	23.3	75.8	21.6
		5.0	4.1	98.2	27.3	92.6	25.7	87.0	24.0	84.2	23.2	81.4	22.4	75.8	20.8
		7.0	6.0	98.2	26.3	92.6	24.7	87.0	23.1	84.2	22.3	81.4	21.6	75.8	20.1
		9.0	7.9	98.2	25.3	92.6	23.8	87.0	22.3	84.2	21.5	81.4	20.8	75.8	19.4
		11.0	9.8	98.2	24.4	92.6	22.9	87.0	21.5	84.2	20.8	81.4	20.1	75.8	18.7
		13.0	11.8	98.2	23.5	92.6	22.1	87.0	20.7	84.2	20.1	81.4	19.4	75.8	18.1
		15.0	13.7	98.2	22.7	92.6	21.4	87.0	20.1	84.2	19.4	81.4	18.8	75.8	17.5
50	575	-19.8	-20.0	75.3	40.9	75.1	41.8	72.5	40.4	70.2	38.9	67.8	37.4	63.2	34.4
		-18.8	-19.0	78.0	41.5	77.2	41.6	72.5	38.7	70.2	37.2	67.8	35.8	63.2	33.0
		-16.7	-17.0	81.8	41.1	77.2	38.3	72.5	35.6	70.2	34.3	67.8	33.0	63.2	30.4
		-14.7	-15.0	81.8	38.0	77.2	35.5	72.5	33.0	70.2	31.8	67.8	30.6	63.2	28.3
		-12.6	-13.0	81.8	35.4	77.2	33.1	72.5	30.8	70.2	29.7	67.8	28.6	63.2	26.5
		-10.5	-11.0	81.8	33.1	77.2	31.0	72.5	28.9	70.2	27.9	67.8	26.9	63.2	24.9
		-9.5	-10.0	81.8	32.1	77.2	30.0	72.5	28.0	70.2	27.0	67.8	26.1	63.2	24.2
		-8.5	-9.1	81.8	31.2	77.2	29.2	72.5	27.3	70.2	26.3	67.8	25.4	63.2	23.5
		-7.0	-7.6	81.8	29.9	77.2	28.0	72.5	26.1	70.2	25.2	67.8	24.3	63.2	22.6
		-5.0	-5.6	81.8	28.2	77.2	26.5	72.5	24.8	70.2	23.9	67.8	23.1	63.2	21.5
		-3.0	-3.7	81.8	26.9	77.2	25.2	72.5	23.6	70.2	22.8	67.8	22.0	63.2	20.5
		0.0	-0.7	81.8	25.0	77.2	23.5	72.5	22.0	70.2	21.3	67.8	20.6	63.2	19.2
		3.0	2.2	81.8	23.4	77.2	22.0	72.5	20.7	70.2	20.0	67.8	19.3	63.2	18.0
		5.0	4.1	81.8	22.5	77.2	21.2	72.5	19.9	70.2	19.3	67.8	18.6	63.2	17.4
		7.0	6.0	81.8	21.7	77.2	20.4	72.5	19.2	70.2	18.6	67.8	18.0	63.2	16.8
		9.0	7.9	81.8	20.9	77.2	19.7	72.5	18.5	70.2	17.9	67.8	17.4	63.2	16.2
		11.0	9.8	81.8	20.2	77.2	19.0	72.5	17.9	70.2	17.4	67.8	16.8	63.2	15.7
		13.0	11.8	81.8	19.5	77.2	18.4	72.5	17.3	70.2	16.8	67.8	16.3	63.2	15.2
		15.0	13.7	81.8	18.9	77.2	17.8	72.5	16.8	70.2	16.3	67.8	15.8	63.2	14.8

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

PA-48MX3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	1,560	-19.8	-20.0	79.6	16.4	79.2	18.6	78.9	20.8	78.7	21.9	78.5	23.0	78.2	25.2
		-18.8	-19.0	82.4	17.8	82.0	19.9	81.7	22.1	81.5	23.1	81.3	24.2	81.0	26.3
		-16.7	-17.0	87.9	20.3	87.6	22.3	87.2	24.3	87.1	25.3	86.9	26.3	86.6	28.3
		-14.7	-15.0	93.5	22.6	93.1	24.4	92.8	26.3	92.6	27.2	92.5	28.2	92.1	30.1
		-12.6	-13.0	99.1	24.5	98.7	26.3	98.4	28.1	98.2	28.9	98.0	29.8	97.7	31.6
		-10.5	-11.0	105	26.3	104	28.0	104	29.6	104	30.4	104	31.3	103	32.9
		-9.5	-10.0	107	27.1	107	28.7	107	30.3	107	31.1	106	31.9	106	33.5
		-8.5	-9.1	110	27.8	110	29.4	109	30.9	109	31.7	109	32.5	109	34.1
		-7.0	-7.6	114	28.9	114	30.4	113	31.9	113	32.6	113	33.4	113	34.9
		-5.0	-5.6	120	30.2	119	31.6	119	33.0	119	33.8	119	34.5	118	35.9
		-3.0	-3.7	125	31.3	125	32.7	124	34.0	124	34.7	124	35.4	124	36.8
		0.0	-0.7	133	32.9	133	34.2	133	35.5	132	36.1	132	36.8	132	38.0
		3.0	2.2	141	34.3	141	35.5	141	36.7	140	37.3	140	37.9	140	39.1
		5.0	4.1	147	35.1	146	36.2	146	37.4	146	38.0	146	38.6	145	39.7
		7.0	6.0	152	35.8	152	36.9	151	38.1	151	38.6	151	39.2	151	40.3
		9.0	7.9	157	36.5	157	37.6	157	38.7	156	39.2	156	39.8	156	40.8
		11.0	9.8	162	37.2	162	38.2	162	39.3	162	39.8	161	40.3	161	41.3
		13.0	11.8	168	37.8	168	38.8	167	39.8	167	40.3	167	40.8	167	41.8
		15.0	13.7	173	38.4	173	39.4	173	40.3	172	40.8	172	41.3	170	41.5
120	1,440	-19.8	-20.0	79.1	19.4	78.8	21.4	78.5	23.5	78.3	24.5	78.2	25.5	77.8	27.6
		-18.8	-19.0	81.9	20.7	81.6	22.7	81.3	24.6	81.1	25.6	80.9	26.6	80.6	28.6
		-16.7	-17.0	87.5	23.0	87.1	24.9	86.8	26.7	86.7	27.6	86.5	28.6	86.2	30.4
		-14.7	-15.0	93.0	25.1	92.7	26.8	92.4	28.6	92.2	29.4	92.1	30.3	91.8	32.0
		-12.6	-13.0	98.6	26.9	98.3	28.5	98.0	30.2	97.8	31.0	97.6	31.8	97.3	33.4
		-10.5	-11.0	104	28.5	104	30.1	104	31.6	103	32.4	103	33.1	103	34.7
		-9.5	-10.0	107	29.3	107	30.8	106	32.3	106	33.0	106	33.7	106	35.2
		-8.5	-9.1	109	29.9	109	31.4	109	32.8	109	33.5	108	34.3	108	35.7
		-7.0	-7.6	114	30.9	113	32.3	113	33.7	113	34.4	113	35.1	112	36.5
		-5.0	-5.6	119	32.1	119	33.4	119	34.8	118	35.4	118	36.1	118	37.4
		-3.0	-3.7	124	33.2	124	34.4	124	35.7	124	36.3	124	37.0	123	38.2
		0.0	-0.7	133	34.6	132	35.8	132	37.0	132	37.6	132	38.2	132	39.4
		3.0	2.2	141	35.9	141	37.0	140	38.1	140	38.7	140	39.2	140	40.4
		5.0	4.1	146	36.6	146	37.7	146	38.8	145	39.3	145	39.9	145	40.9
		7.0	6.0	151	37.3	151	38.4	151	39.4	151	39.9	151	40.4	150	41.5
		9.0	7.9	157	38.0	156	39.0	156	40.0	156	40.5	156	41.0	155	42.0
		11.0	9.8	162	38.6	162	39.5	161	40.5	161	41.0	161	41.5	157	40.9
		13.0	11.8	168	39.2	167	40.1	167	41.0	167	41.5	167	42.0	157	39.2
		15.0	13.7	173	39.7	173	40.6	172	41.5	172	42.0	168	41.1	157	37.8
110	1,320	-19.8	-20.0	78.7	22.4	78.4	24.2	78.1	26.1	77.9	27.1	77.8	28.0	77.5	29.9
		-18.8	-19.0	81.4	23.6	81.1	25.4	80.9	27.2	80.7	28.1	80.6	29.0	80.3	30.8
		-16.7	-17.0	87.0	25.7	86.7	27.4	86.4	29.1	86.3	30.0	86.1	30.8	85.8	32.5
		-14.7	-15.0	92.6	27.6	92.3	29.2	92.0	30.8	91.8	31.6	91.7	32.4	91.4	33.9
		-12.6	-13.0	98.1	29.3	97.8	30.8	97.5	32.3	97.4	33.0	97.3	33.8	97.0	35.2
		-10.5	-11.0	104	30.8	103	32.2	103	33.6	103	34.3	103	35.0	103	36.4
		-9.5	-10.0	106	31.5	106	32.8	106	34.2	106	34.9	106	35.5	105	36.9
		-8.5	-9.1	109	32.0	109	33.4	108	34.7	108	35.4	108	36.0	108	37.4
		-7.0	-7.6	113	32.9	113	34.2	113	35.5	112	36.1	112	36.8	112	38.1
		-5.0	-5.6	119	34.1	118	35.3	118	36.5	118	37.1	118	37.7	118	38.9
		-3.0	-3.7	124	35.0	124	36.2	123	37.3	123	37.9	123	38.5	123	39.7
		0.0	-0.7	132	36.4	132	37.5	132	38.5	132	39.1	131	39.6	131	40.7
		3.0	2.2	140	37.5	140	38.5	140	39.6	140	40.1	140	40.6	139	41.6
		5.0	4.1	146	38.2	145	39.2	145	40.2	145	40.7	145	41.2	144	41.8
		7.0	6.0	151	38.8	151	39.8	150	40.7	150	41.2	150	41.7	144	40.0
		9.0	7.9	156	39.4	156	40.4	156	41.3	156	41.7	154	41.8	144	38.4
		11.0	9.8	162	40.0	161	40.9	161	41.8	160	41.7	154	40.1	144	36.9
		13.0	11.8	167	40.5	167	41.4	165	41.6	160	40.1	154	38.5	144	35.4
		15.0	13.7	172	41.0	172	41.8	165	40.1	160	38.6	154	37.1	144	34.2

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	1,200	-19.8	-20.0	78.2	25.4	77.9	27.1	77.7	28.8	77.5	29.6	77.4	30.5	77.1	32.2
		-18.8	-19.0	81.0	26.5	80.7	28.1	80.4	29.7	80.3	30.6	80.2	31.4	79.9	33.0
		-16.7	-17.0	86.5	28.4	86.3	30.0	86.0	31.5	85.9	32.3	85.7	33.0	85.5	34.6
		-14.7	-15.0	92.1	30.2	91.8	31.6	91.6	33.0	91.4	33.7	91.3	34.5	91.0	35.9
		-12.6	-13.0	97.7	31.7	97.4	33.0	97.1	34.4	97.0	35.0	96.9	35.7	96.6	37.1
		-10.5	-11.0	103	33.0	103	34.3	103	35.6	103	36.2	102	36.8	102	38.1
		-9.5	-10.0	106	33.6	106	34.9	105	36.1	105	36.7	105	37.4	105	38.6
		-8.5	-9.1	109	34.2	108	35.4	108	36.6	108	37.2	108	37.8	107	39.0
		-7.0	-7.6	113	35.0	112	36.2	112	37.3	112	37.9	112	38.5	112	39.6
		-5.0	-5.6	118	36.0	118	37.1	118	38.2	118	38.8	117	39.3	117	40.4
		-3.0	-3.7	124	36.9	123	37.9	123	39.0	123	39.5	123	40.0	122	41.1
		0.0	-0.7	132	38.1	132	39.1	131	40.1	131	40.6	131	41.1	131	42.0
		3.0	2.2	140	39.2	140	40.1	139	41.0	139	41.5	139	41.9	131	39.1
		5.0	4.1	145	39.8	145	40.7	145	41.6	145	42.0	140	40.6	131	37.4
		7.0	6.0	151	40.4	150	41.2	150	42.1	145	40.5	140	38.9	131	35.8
		9.0	7.9	156	40.9	156	41.7	150	40.4	145	38.8	140	37.3	131	34.4
		11.0	9.8	161	41.4	160	41.7	150	38.8	145	37.3	140	35.9	131	33.1
		13.0	11.8	167	41.9	160	40.0	150	37.2	145	35.8	140	34.5	131	31.8
		15.0	13.7	169	41.3	160	38.6	150	35.9	145	34.5	140	33.2	131	30.7
90	1,080	-19.8	-20.0	77.7	28.4	77.5	29.9	77.2	31.4	77.1	32.2	77.0	33.0	76.8	34.5
		-18.8	-19.0	80.5	29.3	80.3	30.8	80.0	32.3	79.9	33.1	79.8	33.8	79.6	35.3
		-16.7	-17.0	86.1	31.1	85.8	32.5	85.6	33.9	85.5	34.6	85.4	35.3	85.1	36.6
		-14.7	-15.0	91.6	32.7	91.4	34.0	91.2	35.3	91.0	35.9	90.9	36.6	90.7	37.8
		-12.6	-13.0	97.2	34.0	97.0	35.3	96.7	36.5	96.6	37.1	96.5	37.7	96.2	38.9
		-10.5	-11.0	103	35.3	103	36.4	102	37.6	102	38.1	102	38.7	102	39.8
		-9.5	-10.0	106	35.8	105	36.9	105	38.0	105	38.6	105	39.2	105	40.3
		-8.5	-9.1	108	36.3	108	37.4	108	38.5	107	39.0	107	39.6	107	40.6
		-7.0	-7.6	112	37.0	112	38.1	112	39.1	112	39.7	112	40.2	111	41.2
		-5.0	-5.6	118	37.9	118	38.9	117	39.9	117	40.4	117	40.9	117	41.9
		-3.0	-3.7	123	38.7	123	39.7	123	40.6	122	41.1	122	41.6	118	40.2
		0.0	-0.7	131	39.8	131	40.7	131	41.6	131	42.0	126	40.3	118	37.1
		3.0	2.2	139	40.8	139	41.6	135	40.6	131	39.1	126	37.5	118	34.6
		5.0	4.1	145	41.4	144	41.8	135	38.8	131	37.3	126	35.9	118	33.1
		7.0	6.0	150	41.9	144	40.0	135	37.2	131	35.8	126	34.4	118	31.8
		9.0	7.9	152	41.1	144	38.4	135	35.7	131	34.4	126	33.1	118	30.5
		11.0	9.8	152	39.5	144	36.9	135	34.3	131	33.1	126	31.8	118	29.4
		13.0	11.8	152	37.9	144	35.4	135	33.0	131	31.8	126	30.6	118	28.3
		15.0	13.7	152	36.5	144	34.1	135	31.8	131	30.7	126	29.5	118	27.3
80	960	-19.8	-20.0	77.3	31.4	77.0	32.7	76.8	34.1	76.7	34.8	76.6	35.5	76.4	36.8
		-18.8	-19.0	80.0	32.2	79.8	33.6	79.6	34.9	79.5	35.5	79.4	36.2	79.2	37.5
		-16.7	-17.0	85.6	33.8	85.4	35.0	85.2	36.3	85.1	36.9	85.0	37.5	84.8	38.7
		-14.7	-15.0	91.2	35.2	91.0	36.3	90.7	37.5	90.6	38.1	90.5	38.6	90.3	39.8
		-12.6	-13.0	96.7	36.4	96.5	37.5	96.3	38.6	96.2	39.1	96.1	39.7	95.9	40.7
		-10.5	-11.0	102	37.5	102	38.5	102	39.5	102	40.0	102	40.6	101	41.6
		-9.5	-10.0	105	38.0	105	39.0	105	40.0	105	40.5	104	41.0	104	42.0
		-8.5	-9.1	108	38.4	107	39.4	107	40.4	107	40.8	107	41.3	105	41.0
		-7.0	-7.6	112	39.1	112	40.0	111	40.9	111	41.4	111	41.9	105	39.1
		-5.0	-5.6	117	39.9	117	40.8	117	41.7	116	41.7	112	40.1	105	36.9
		-3.0	-3.7	123	40.6	122	41.4	120	41.1	116	39.6	112	38.0	105	35.0
		0.0	-0.7	131	41.6	128	40.9	120	38.0	116	36.6	112	35.2	105	32.4
		3.0	2.2	135	40.7	128	38.0	120	35.4	116	34.1	112	32.8	105	30.3
		5.0	4.1	135	38.9	128	36.4	120	33.9	116	32.6	112	31.4	105	29.0
		7.0	6.0	135	37.3	128	34.9	120	32.5	116	31.3	112	30.1	105	27.9
		9.0	7.9	135	35.8	128	33.5	120	31.2	116	30.1	112	29.0	105	26.8
		11.0	9.8	135	34.4	128	32.2	120	30.0	116	29.0	112	27.9	105	25.9
		13.0	11.8	135	33.1	128	31.0	120	28.9	116	27.9	112	26.9	105	24.9
		15.0	13.7	135	31.9	128	29.9	120	27.9	116	26.9	112	26.0	105	24.1

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	840	-19.8	-20.0	76.8	34.4	76.6	35.6	76.4	36.7	76.3	37.3	76.2	37.9	76.1	39.1
		-18.8	-19.0	79.6	35.1	79.4	36.3	79.2	37.4	79.1	38.0	79.0	38.6	78.8	39.7
		-16.7	-17.0	85.1	36.5	85.0	37.6	84.8	38.7	84.7	39.2	84.6	39.7	84.4	40.8
		-14.7	-15.0	90.7	37.7	90.5	38.7	90.3	39.7	90.2	40.2	90.2	40.7	90.0	41.7
		-12.6	-13.0	96.3	38.8	96.1	39.7	95.9	40.7	95.8	41.2	95.7	41.6	91.5	39.8
		-10.5	-11.0	102	39.7	102	40.6	101	41.5	101	42.0	98.3	40.5	91.5	37.2
		-9.5	-10.0	105	40.2	104	41.0	104	41.9	102	40.8	98.3	39.2	91.5	36.0
		-8.5	-9.1	107	40.5	107	41.4	105	41.2	102	39.6	98.3	38.1	91.5	35.0
		-7.0	-7.6	111	41.1	111	41.9	105	39.3	102	37.8	98.3	36.4	91.5	33.5
		-5.0	-5.6	117	41.8	112	39.9	105	37.1	102	35.7	98.3	34.3	91.5	31.7
		-3.0	-3.7	118	40.5	112	37.8	105	35.2	102	33.9	98.3	32.6	91.5	30.1
		0.0	-0.7	118	37.4	112	35.0	105	32.6	102	31.4	98.3	30.2	91.5	28.0
		3.0	2.2	118	34.9	112	32.6	105	30.4	102	29.3	98.3	28.3	91.5	26.2
		5.0	4.1	118	33.4	112	31.2	105	29.1	102	28.1	98.3	27.1	91.5	25.1
		7.0	6.0	118	32.0	112	30.0	105	28.0	102	27.0	98.3	26.1	91.5	24.2
		9.0	7.9	118	30.8	112	28.8	105	26.9	102	26.0	98.3	25.1	91.5	23.3
		11.0	9.8	118	29.6	112	27.8	105	26.0	102	25.1	98.3	24.2	91.5	22.5
		13.0	11.8	118	28.5	112	26.8	105	25.0	102	24.2	98.3	23.3	91.5	21.7
		15.0	13.7	118	27.5	112	25.9	105	24.2	102	23.4	98.3	22.6	91.5	21.0
60	720	-19.8	-20.0	76.3	37.4	76.2	38.4	76.0	39.4	75.9	39.9	75.9	40.4	75.7	41.5
		-18.8	-19.0	79.1	38.0	79.0	39.0	78.8	40.0	78.7	40.5	78.6	41.0	78.4	41.9
		-16.7	-17.0	84.7	39.2	84.5	40.1	84.4	41.0	84.3	41.5	84.2	42.0	78.4	38.6
		-14.7	-15.0	90.2	40.2	90.1	41.1	89.9	42.0	87.1	40.4	84.2	38.8	78.4	35.7
		-12.6	-13.0	95.8	41.2	95.7	42.0	90.0	39.1	87.1	37.6	84.2	36.2	78.4	33.3
		-10.5	-11.0	101	42.0	95.8	39.3	90.0	36.5	87.1	35.2	84.2	33.8	78.4	31.2
		-9.5	-10.0	102	40.7	95.8	38.0	90.0	35.4	87.1	34.1	84.2	32.8	78.4	30.3
		-8.5	-9.1	102	39.6	95.8	36.9	90.0	34.4	87.1	33.1	84.2	31.9	78.4	29.5
		-7.0	-7.6	102	37.8	95.8	35.3	90.0	32.9	87.1	31.7	84.2	30.5	78.4	28.2
		-5.0	-5.6	102	35.7	95.8	33.3	90.0	31.1	87.1	30.0	84.2	28.9	78.4	26.7
		-3.0	-3.7	102	33.9	95.8	31.7	90.0	29.6	87.1	28.5	84.2	27.5	78.4	25.5
		0.0	-0.7	102	31.4	95.8	29.4	90.0	27.5	87.1	26.5	84.2	25.6	78.4	23.7
		3.0	2.2	102	29.3	95.8	27.5	90.0	25.7	87.1	24.8	84.2	24.0	78.4	22.3
		5.0	4.1	102	28.1	95.8	26.4	90.0	24.7	87.1	23.9	84.2	23.0	78.4	21.4
		7.0	6.0	102	27.0	95.8	25.4	90.0	23.7	87.1	23.0	84.2	22.2	78.4	20.6
		9.0	7.9	102	26.0	95.8	24.4	90.0	22.9	87.1	22.1	84.2	21.4	78.4	19.9
		11.0	9.8	102	25.1	95.8	23.6	90.0	22.1	87.1	21.4	84.2	20.7	78.4	19.2
		13.0	11.8	102	24.2	95.8	22.7	90.0	21.3	87.1	20.6	84.2	20.0	78.4	18.6
		15.0	13.7	102	23.4	95.8	22.0	90.0	20.7	87.1	20.0	84.2	19.3	78.4	18.0
50	600	-19.8	-20.0	75.9	40.4	75.7	41.2	75.0	41.5	72.6	40.0	70.2	38.4	65.4	35.4
		-18.8	-19.0	78.7	40.9	78.5	41.7	75.0	39.8	72.6	38.3	70.2	36.8	65.4	33.9
		-16.7	-17.0	84.2	41.9	79.8	39.4	75.0	36.6	72.6	35.3	70.2	33.9	65.4	31.3
		-14.7	-15.0	84.6	39.1	79.8	36.5	75.0	34.0	72.6	32.7	70.2	31.5	65.4	29.1
		-12.6	-13.0	84.6	36.4	79.8	34.0	75.0	31.7	72.6	30.5	70.2	29.4	65.4	27.2
		-10.5	-11.0	84.6	34.0	79.8	31.8	75.0	29.7	72.6	28.6	70.2	27.6	65.4	25.6
		-9.5	-10.0	84.6	33.0	79.8	30.9	75.0	28.8	72.6	27.8	70.2	26.8	65.4	24.8
		-8.5	-9.1	84.6	32.1	79.8	30.0	75.0	28.0	72.6	27.1	70.2	26.1	65.4	24.2
		-7.0	-7.6	84.6	30.7	79.8	28.8	75.0	26.9	72.6	25.9	70.2	25.0	65.4	23.2
		-5.0	-5.6	84.6	29.0	79.8	27.2	75.0	25.5	72.6	24.6	70.2	23.7	65.4	22.1
		-3.0	-3.7	84.6	27.6	79.8	25.9	75.0	24.3	72.6	23.5	70.2	22.7	65.4	21.1
		0.0	-0.7	84.6	25.7	79.8	24.1	75.0	22.6	72.6	21.9	70.2	21.1	65.4	19.7
		3.0	2.2	84.6	24.1	79.8	22.7	75.0	21.3	72.6	20.6	70.2	19.9	65.4	18.5
		5.0	4.1	84.6	23.1	79.8	21.8	75.0	20.5	72.6	19.8	70.2	19.1	65.4	17.9
		7.0	6.0	84.6	22.3	79.8	21.0	75.0	19.7	72.6	19.1	70.2	18.5	65.4	17.2
		9.0	7.9	84.6	21.5	79.8	20.3	75.0	19.0	72.6	18.4	70.2	17.9	65.4	16.7
		11.0	9.8	84.6	20.8	79.8	19.6	75.0	18.4	72.6	17.8	70.2	17.3	65.4	16.2
		13.0	11.8	84.6	20.1	79.8	18.9	75.0	17.8	72.6	17.3	70.2	16.7	65.4	15.6
		15.0	13.7	84.6	19.4	79.8	18.3	75.0	17.3	72.6	16.7	70.2	16.2	65.4	15.2

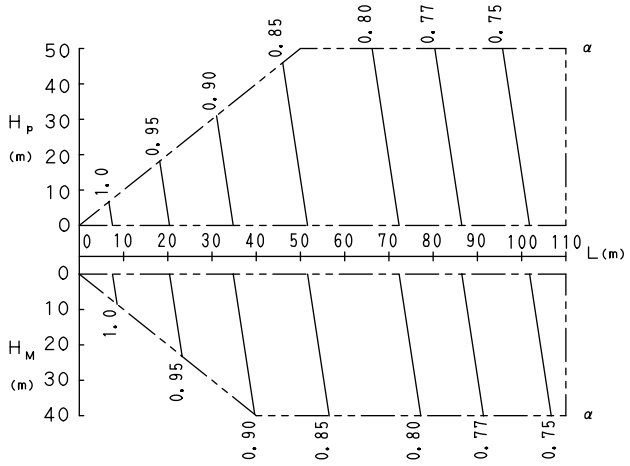
Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

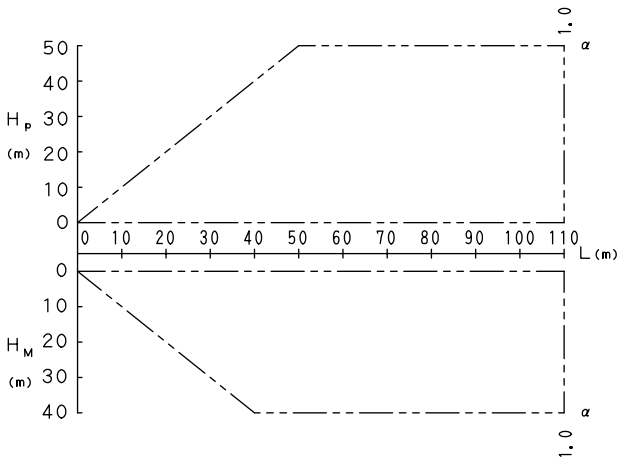
4. Capacity Correction Ratio

4.1 U-5MX3

■ **Rate of Change in Cooling Capacity**



■ **Rate of Change in Heating Capacity**



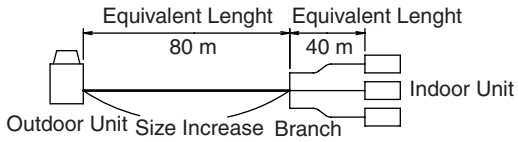
3D040052

Notes:

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
3. Method of calculating cooling / heating capacity (max. capacity for combination with standard indoor unit)
   cooling / heating capacity = cooling / heating capacity obtained from performance characteristics table x each capacity rate of change
   When piping length differs depending on the indoor unit, maximum capacity of each unit during simultaneous operation is:
   cooling / heating capacity = cooling / heating capacity of each unit x capacity rate of change for each piping length
4. When overall equivalent pipe length is 90m or more, the diameter of the main gas pipes (outdoor unit-branch sections) must be increased.
   Diameter of Above Case

Model	Gas
U-5MX3	ϕ19.1

5. When the main sections of the interunit gas pipe diameters are increased the overall equivalent length should be calculated as follows.
   Overall equivalent length = Equivalent length to main pipe x 0.5 + Equivalent length after branching
   Example



   In the above case (Cooling)
   Overall equivalent length = 80m x 0.5 + 40m = 80m
   The correction factor in capacity when H_p = 0m is thus approximately 0.78

Explanation of Symbols:

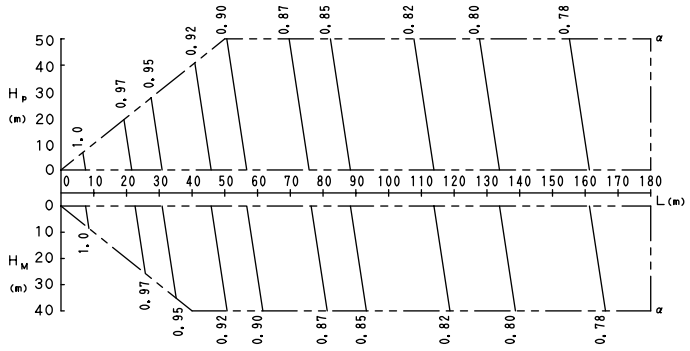
H_p : Level difference (m) between indoor and outdoor units with indoor unit in inferior position
H_M : Level difference (m) between indoor and outdoor units with indoor unit in superior position
L : Equivalent pipe length (m)
α : Capacity correction factor

Diameter of Gas Pipes

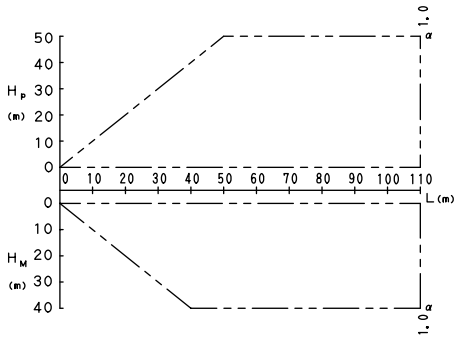
Model	Gas
U-5MX3	ϕ15.9

4.2 U-8MX3, PA-22MX3

■ **Rate of Change in Cooling Capacity**



■ **Rate of Change in Heating Capacity**



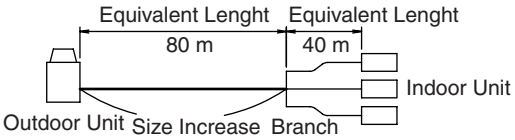
3D040059

Notes:

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
3. Method of calculating cooling / heating capacity (max. capacity for combination with standard indoor unit)
   cooling / heating capacity = cooling / heating capacity obtained from performance characteristics table x each capacity rate of change
   When piping length differs depending on the indoor unit, maximum capacity of each unit during simultaneous operation is:
   cooling / heating capacity = cooling / heating capacity of each unit x capacity rate of change for each piping length
4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   Diameter of Above Case

Model	Gas	Liquid
U-8MX3	ϕ22.2	ϕ12.7
PA-22MX3	ϕ31.8	ϕ19.1

5. When the main sections of the interunit pipe diameters are increased the overall equivalent length should be calculated as follows.
   Overall equivalent length = Equivalent length to main pipe x 0.5 + Equivalent length after branching
   When the gas pipe diameter is increased: correct cooling capacity.
   When the liquid pipe diameter is increased: correct heating capacity.
   Example



   In the above case (Cooling)
   Overall equivalent length = 80m x 0.5 + 40m = 80m
   The correction factor in capacity when H_p = 0m is thus approximately 0.86

Explanation of Symbols:

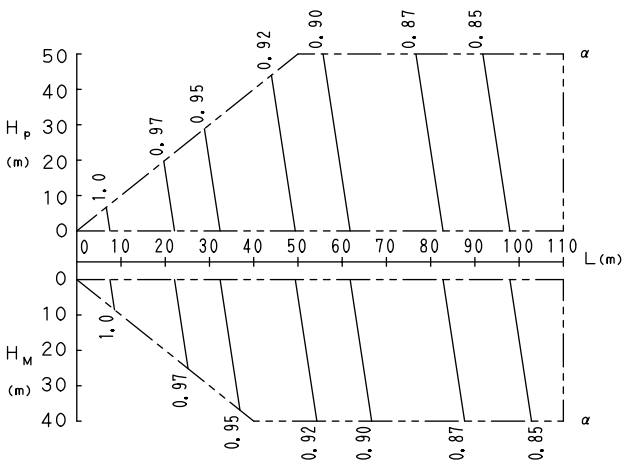
H_p : Level difference (m) between indoor and outdoor units with indoor unit in inferior position
H_M : Level difference (m) between indoor and outdoor units with indoor unit in superior position
L : Equivalent pipe length (m)
α : Capacity correction factor

Diameter of Gas Pipes

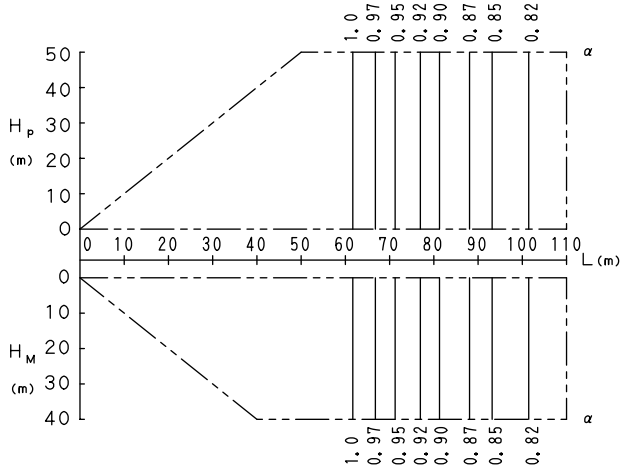
Model	Gas	Liquid
U-8MX3	ϕ19.1	ϕ9.5
PA-22MX3	ϕ28.6	ϕ15.9

4.3 U-10MX3

■ **Rate of Change in Cooling Capacity**



■ **Rate of Change in Heating Capacity**



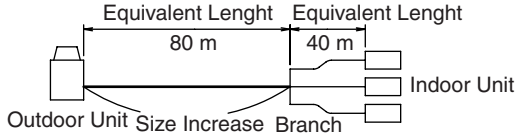
3D040054

Notes:

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
3. Method of calculating cooling / heating capacity (max. capacity for combination with standard indoor unit)
   cooling / heating capacity = cooling / heating capacity obtained from performance characteristics table x each capacity rate of change
   When piping length differs depending on the indoor unit, maximum capacity of each unit during simultaneous operation is:
   cooling / heating capacity = cooling / heating capacity of each unit x capacity rate of change for each piping length
4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   Diameter of Above Case

Model	Gas	Liquid
U-10MX3	ϕ25.4	ϕ12.7

5. When the main sections of the interunit gas pipe diameters are increased the overall equivalent length should be calculated as follows.
   Overall equivalent length = Equivalent length to main pipe x 0.5 + Equivalent length after branching
   When the gas pipe diameter is increased: correct cooling capacity.
   When the liquid pipe diameter is increased: correct heating capacity.
   Example



   In the above case (Cooling)
   Overall equivalent length = 80m x 0.5 + 40m = 80m
   The correction factor in capacity when H_p = 0m is thus approximately 0.87

Explanation of Symbols:

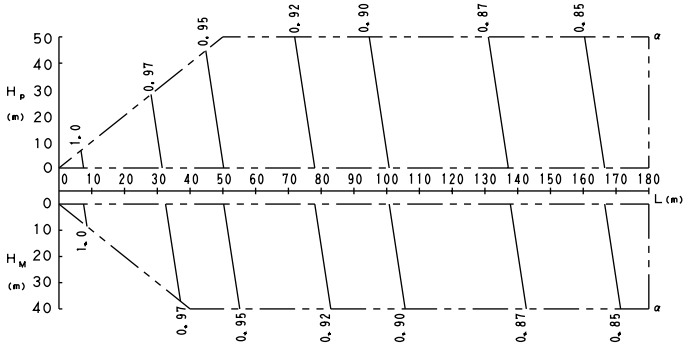
H_p : Level difference (m) between indoor and outdoor units with indoor unit in inferior position
H_M : Level difference (m) between indoor and outdoor units with indoor unit in superior position
L : Equivalent pipe length (m)
α : Capacity correction factor

Diameter of Gas Pipes

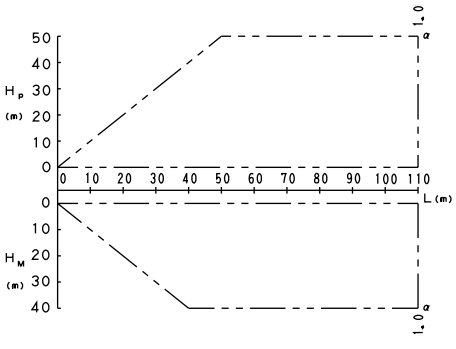
Model	Gas	Liquid
U-10MX3	ϕ22.2	ϕ9.5

4.4 U-12·14MX3, PA-24·36MX3

■ **Rate of Change in Cooling Capacity**



■ **Rate of Change in Heating Capacity**



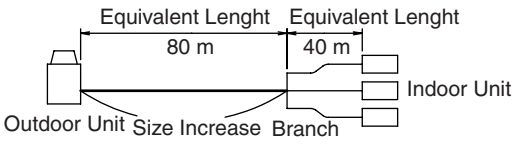
3D040055

Notes:

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
3. Method of calculating cooling / heating capacity (max. capacity for combination with standard indoor unit)
   cooling / heating capacity = cooling / heating capacity obtained from performance characteristics table x each capacity rate of change
   When piping length differs depending on the indoor unit, maximum capacity of each unit during simultaneous operation is:
   cooling / heating capacity = cooling / heating capacity of each unit x capacity rate of change for each piping length
4. When overall equivalent pipe length is 90m or more, the diameter of the main liquid pipes (outdoor unit-branch sections) must be increased.
   Diameter of Above Case

Model	Gas	Liquid
U-12·14MX3	Not Increased	ϕ15.9
PA-24MX3		ϕ19.1
PA-36MX3		ϕ22.2

5. When the main sections of the interunit liquid pipe diameters are increased the overall equivalent length should be calculated as follows. (Heating only)
   Overall equivalent length = Equivalent length to main pipe x 0.5 + Equivalent length after branching
   Example



   In the above case (Heating)
   Overall equivalent length = 80m x 0.5 + 40m = 80m
   The correction factor in capacity when H_p = 0m is thus approximately 1.0

Explanation of Symbols:

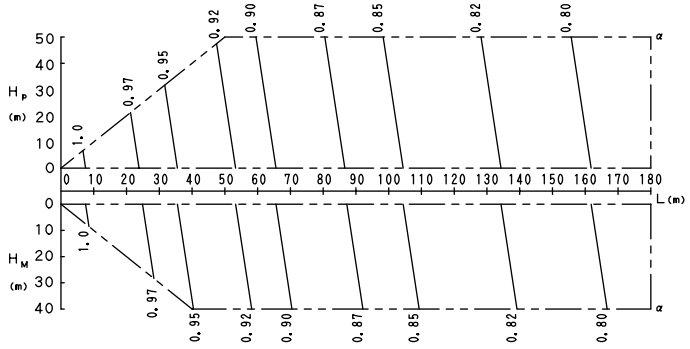
H_p : Level difference (m) between indoor and outdoor units with indoor unit in inferior position
H_M : Level difference (m) between indoor and outdoor units with indoor unit in superior position
L : Equivalent pipe length (m)
α : Capacity correction factor

Diameter of Gas Pipes

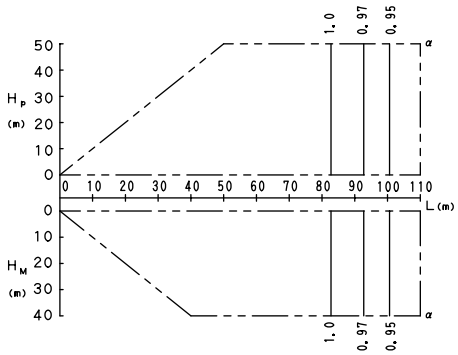
Model	Gas	Liquid
U-12·14MX3	ϕ28.6	ϕ12.7
PA-24MX3	ϕ34.9	ϕ15.9
PA-36MX3	ϕ41.3	ϕ19.1

4.5 U-16MX3

■ **Rate of Change in Cooling Capacity**



■ **Rate of Change in Heating Capacity**



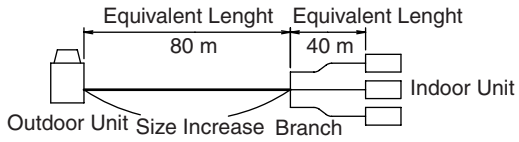
3D040056

Notes:

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
3. Method of calculating cooling / heating capacity (max. capacity for combination with standard indoor unit)
   cooling / heating capacity = cooling / heating capacity obtained from performance characteristics table x each capacity rate of change
   When piping length differs depending on the indoor unit, maximum capacity of each unit during simultaneous operation is:
   cooling / heating capacity = cooling / heating capacity of each unit x capacity rate of change for each piping length
4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   Diameter of Above Case

Model	Gas	Liquid
U-16MX3	ϕ31.8	ϕ15.9

5. When the main sections of the interunit pipe diameters are increased the overall equivalent length should be calculated as follows.
   Overall equivalent length = Equivalent length to main pipe x 0.5 + Equivalent length after branching
   When the gas pipe diameter is increased: correct cooling capacity.
   When the liquid pipe diameter is increased: correct heating capacity.
   Example



In the above case (Cooling)
Overall equivalent length = 80m x 0.5 + 40m = 80m
The correction factor in capacity when H_p = 0m is thus approximately 0.88

Explanation of Symbols:

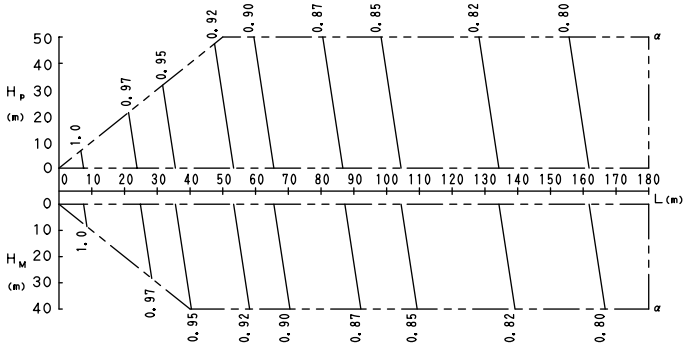
H_p : Level difference (m) between indoor and outdoor units with indoor unit in inferior position
H_M : Level difference (m) between indoor and outdoor units with indoor unit in superior position
L : Equivalent pipe length (m)
α : Capacity correction factor

Diameter of Pipes

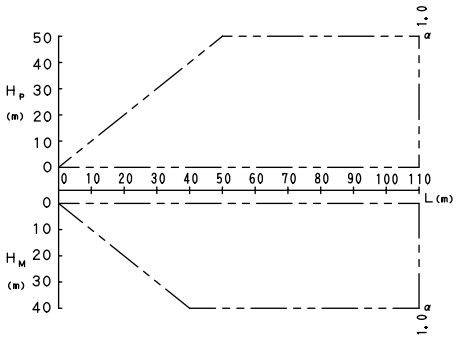
Model	Gas	Liquid
U-16MX3	ϕ28.6	ϕ12.7

4.6 PA-18·26·28·30·38·40·42·44MX3

■ **Rate of Change in Cooling Capacity**



■ **Rate of Change in Heating Capacity**



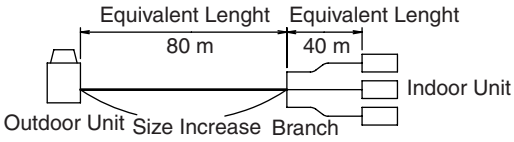
3D040057

Notes:

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
3. Method of calculating cooling / heating capacity (max. capacity for combination with standard indoor unit)
   cooling / heating capacity = cooling / heating capacity obtained from performance characteristics table x each capacity rate of change
   When piping length differs depending on the indoor unit, maximum capacity of each unit during simultaneous operation is:
   cooling / heating capacity = cooling / heating capacity of each unit x capacity rate of change for each piping length
4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased except for the gas pipe of PA-38·40·42·44MX3.
   Diameter of Above Case

Model	Gas	Liquid
PA-18MX3	ϕ31.8	ϕ19.1
PA-26·28·30MX3	ϕ38.1	ϕ22.2
PA-38·40·42·44MX3	Not Increased	ϕ22.2

5. When the main sections of the interunit pipe diameters are increased the overall equivalent length should be calculated as follows.
   Overall equivalent length = Equivalent length to main pipe x 0.5 + Equivalent length after branching
   When the gas pipe diameter is increased: correct cooling capacity.
   When the liquid pipe diameter is increased: correct heating capacity.
   Example



   In the above case (Cooling)
   Overall equivalent length = 80m x 0.5 + 40m = 80m
   The correction factor in capacity when H_p = 0m is thus approximately 0.88

Explanation of Symbols:

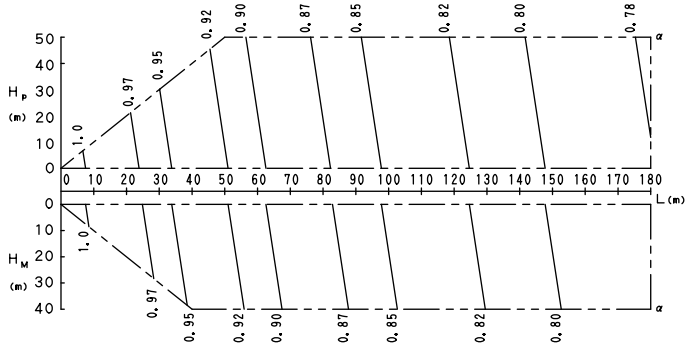
H_p : Level difference (m) between indoor and outdoor units with indoor unit in inferior position
H_M : Level difference (m) between indoor and outdoor units with indoor unit in superior position
L : Equivalent pipe length (m)
α : Capacity correction factor

Diameter of Gas Pipes

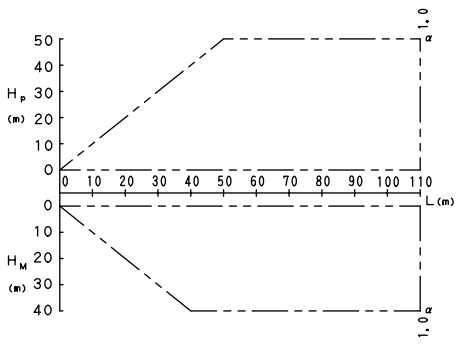
Model	Gas	Liquid
PA-18MX3	ϕ28.6	ϕ15.9
PA-26·28·30MX3	ϕ34.9	ϕ19.1
PA-38·40·42·44MX3	ϕ41.3	ϕ19.1

4.7 PA-20·32·34·46MX3

■ **Rate of Change in Cooling Capacity**



■ **Rate of Change in Heating Capacity**



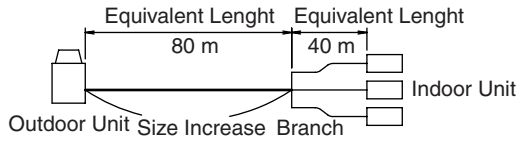
3D040058

Notes:

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
3. Method of calculating cooling / heating capacity (max. capacity for combination with standard indoor unit)
   cooling / heating capacity = cooling / heating capacity obtained from performance characteristics table x each capacity rate of change
   When piping length differs depending on the indoor unit, maximum capacity of each unit during simultaneous operation is:
   cooling / heating capacity = cooling / heating capacity of each unit x capacity rate of change for each piping length
4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased except for the gas pipe of PA-46MX3.
   Diameter of Above Case

Model	Gas	Liquid
PA-20MX3	ϕ31.8	ϕ19.1
PA-32·34MX3	ϕ38.1	ϕ22.2
PA-46MX3	Not Increased	ϕ22.2

5. When the main sections of the interunit pipe diameters are increased the overall equivalent length should be calculated as follows.
   Overall equivalent length = Equivalent length to main pipe x 0.5 + Equivalent length after branching
   When the gas pipe diameter is increased: correct cooling capacity.
   When the liquid pipe diameter is increased: correct heating capacity.
   Example



   In the above case (Cooling)
   Overall equivalent length = 80m x 0.5 + 40m = 80m
   The correction factor in capacity when H_p = 0m is thus approximately 0.87

Explanation of Symbols:

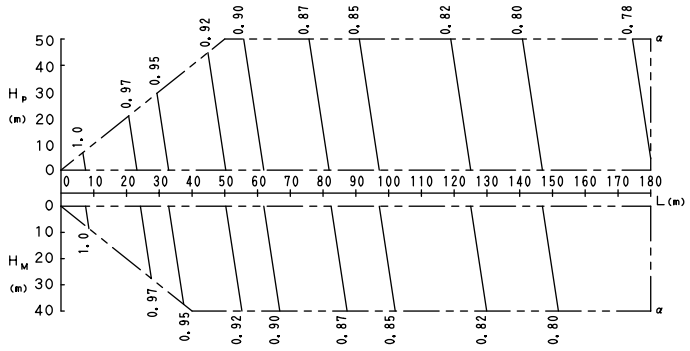
H_p : Level difference (m) between indoor and outdoor units with indoor unit in inferior position
H_M : Level difference (m) between indoor and outdoor units with indoor unit in superior position
L : Equivalent pipe length (m)
α : Capacity correction factor

Diameter of Gas Pipes

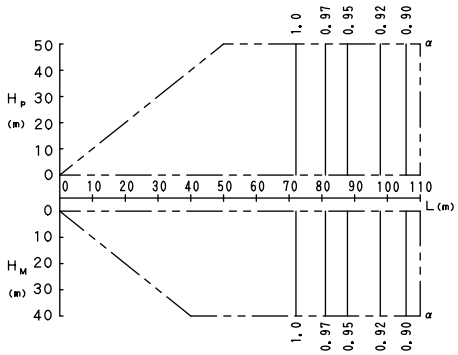
Model	Gas	Liquid
PA-20MX3	ϕ28.6	ϕ15.9
PA-32·34MX3	ϕ34.9	ϕ19.1
PA-46MX3	ϕ41.3	ϕ19.1

4.8 PA-48MX3

■ **Rate of Change in Cooling Capacity**



■ **Rate of Change in Heating Capacity**



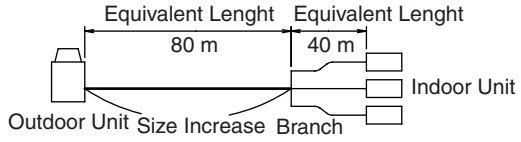
3D040061

Notes:

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
3. Method of calculating cooling / heating capacity (max. capacity for combination with standard indoor unit)
   cooling / heating capacity = cooling / heating capacity obtained from performance characteristics table x each capacity rate of change
   When piping length differs depending on the indoor unit, maximum capacity of each unit during simultaneous operation is:
   cooling / heating capacity = cooling / heating capacity of each unit x capacity rate of change for each piping length
4. When overall equivalent pipe length is 90m or more, the diameter of the main liquid pipes (outdoor unit-branch sections) must be increased.
   Diameter of Above Case

Model	Liquid
PA-48MX3	ϕ22.2

5. When the main sections of the interunit liquid pipe diameters are increased the overall equivalent length should be calculated as follows. (Heating only)
   Overall equivalent length = Equivalent length to main pipe x 0.5 + Equivalent length after branching
   Example



   In the above case (Heating)
   Overall equivalent length = 80m x 0.5 + 40m = 80m
   The correction factor in capacity when H_p = 0m is thus approximately 0.97

Explanation of Symbols:

H_p : Level difference (m) between indoor and outdoor units with indoor unit in inferior position
H_M : Level difference (m) between indoor and outdoor units with indoor unit in superior position
L : Equivalent pipe length (m)
α : Capacity correction factor

Diameter of Pipes

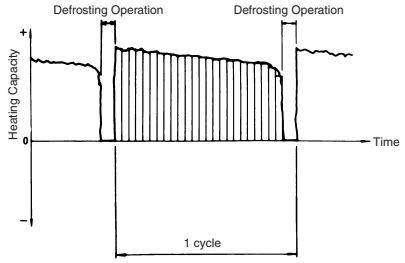
Model	Gas	Liquid
PA-48MX3	ϕ41.3	ϕ19.1

5. Integrated Heating Capacity Coefficient

1. The tables do not take account of the reduction in capacity when frost has accumulated or while the defrosting operation is in progress. The capacity values which take these factors into account, in other words the integrated heating capacity values, can be calculated as follows:

   Formula: Integrated heating capacity = A
   Value given in table of capacity characteristics = B
   Integrating correction factor for frost accumulation (kW) = C
   A = B x C
2. Correction factor for finding integrated heating capacity

Inlet Port Temperature of Heat Exchanger (°C/RH 85%)	-7	-5	-3	0	3	5	7
Integrating Correction Factor for Frost Accumulation	0.96	0.93	0.87	0.81	0.83	0.89	1.0



Note:

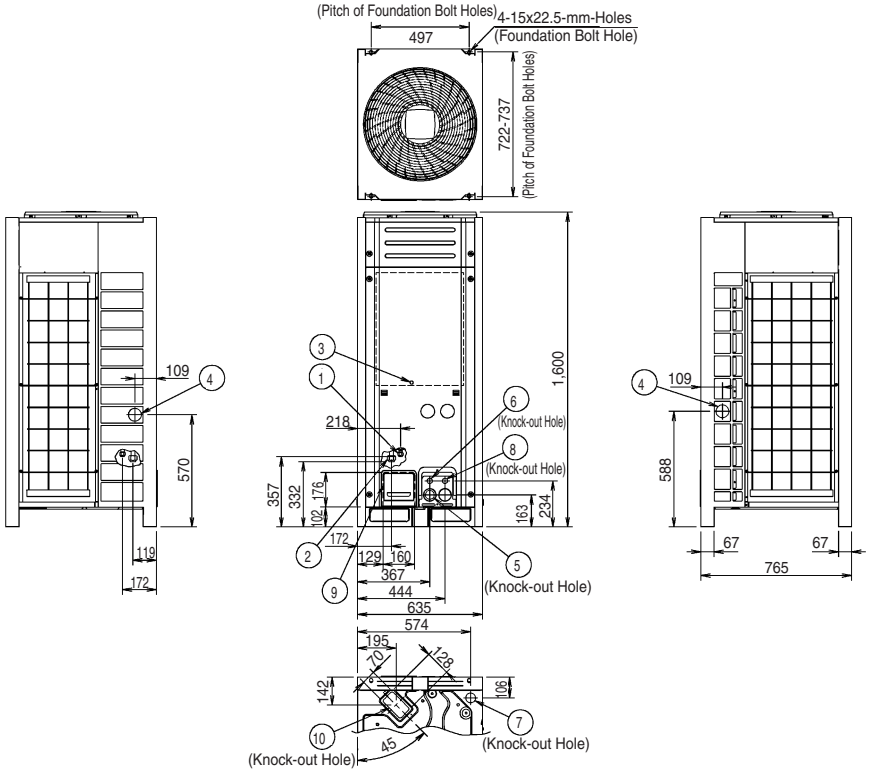
1. The figure shows that the integrated heating capacity expresses the integrated heating capacity for a single cycle (from defrost operation to defrost operation) in terms of time.

3. Please note that when there is an accumulation of snow against the outside surface of the outdoor unit heat exchanger, there will always be a temporary reduction in capacity although this will, of course, vary in degree in accordance with a number of other factors such as the outdoor temperature (°CDB), relative humidity (RH) and the amount of frosting which occurs.

6. Dimensions

6.1 Dimensional Drawings

U-5MX3XPS



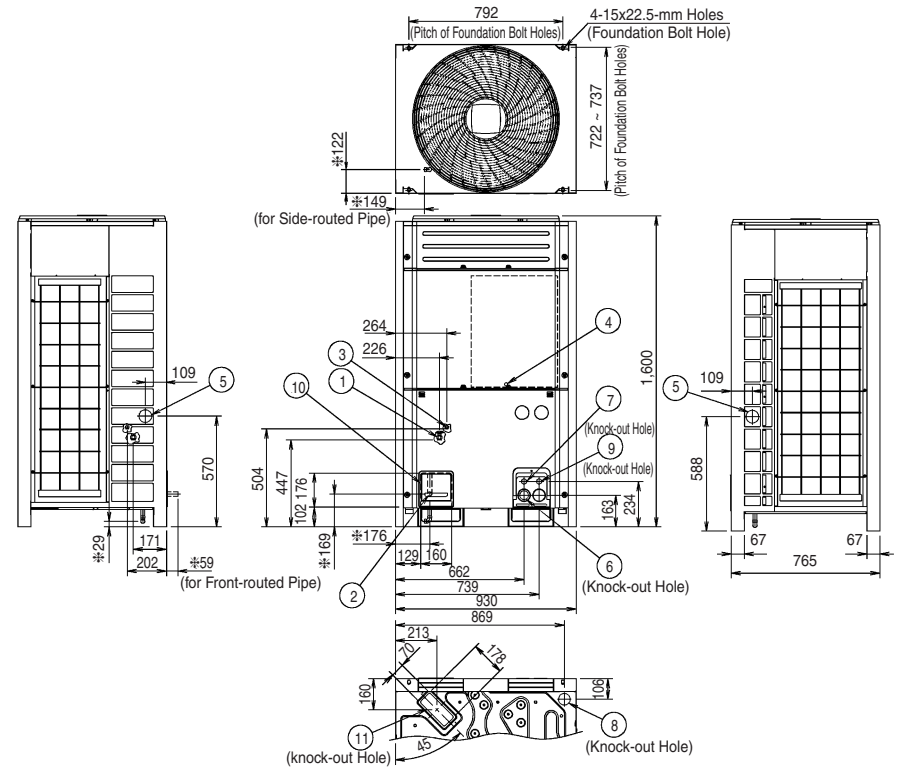
Nr	Part Name	Description
1	Liquid Pipe Connection Port	ø 9.5 Flare Connection
2	Gas Pipe Connection Port	ø 15.9 Flare Connection
3	Grounding Terminal	Inside of Switch Box (M8)
4	Power Cord Routing Hole (Side)	ø 62
5	Power Cord Routing Hole (Front)	ø 45
6	Power Cord Routing Hole (Front)	ø 27
7	Power Cord Routing Hole (Bottom)	ø 50
8	Wire Routing Hole (Front)	ø 27
9	Pipe Routing Hole (Front)	
10	Pipe Routing Hole (Bottom)	See Note 1.

Notes:

1. Refer to the installation instructions when the pipes are routed through the bottom of the unit.

3D038960B

U-8MX3XPS
U-10MX3XPS



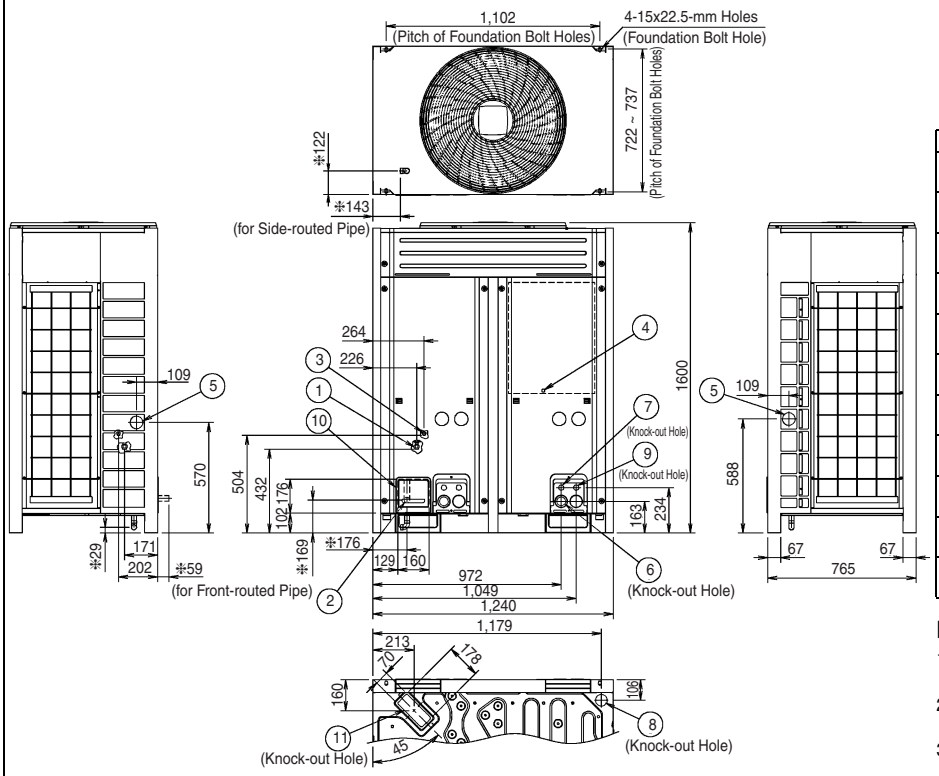
Nr	Part Name	Description
1	Liquid Pipe Connection Port	ø 9.5 Flare Connection
2	Gas Pipe Connection Port	See Note 4.
3	Oil Pipe Connection Port	ø 6.4 Flare Connection See Note3.
4	Grounding Terminal	Inside of Switch Box (M8)
5	Power Cord Routing Hole (Side)	ø 62
6	Power Cord Routing Hole (Front)	ø 45
7	Power Cord Routing Hole (Front)	ø 27
8	Power Cord Routing Hole (Bottom)	ø 50
9	Wire Routing Hole (Front)	ø 27
10	Pipe Routing Hole (Front)	
11	Pipe Routing Hole (Bottom)	See Note 2.

Notes:

1. The dimensions marked by an asterisk (※) are those with the installation of the provided pipes.
2. Refer to the installation instructions when the pipes are routed through the bottom of the unit.
3. In case of multi connection.
4. ø 19.1 Brazing connection - U-8MX3
   ø 22.2 Brazing connection - U-10MX3

3D038961C

U-12MX3XPS
U-14MX3XPS
U-16MX3XPS



Nr	Part Name	Description
1	Liquid Pipe Connection Port	ø 12.7 Flare connection
2	Gas Pipe Connection Port	ø 28.6 Brazing Connection
3	Oil Pipe Connection Port	ø 6.4 Flare Collection See Note 3.
4	Grounding Terminal	Inside of Switch Box (M8)
5	Power Cord Routing Hole (Side)	ø 62
6	Power Cord Routing Hole (Front)	ø 45
7	Power Cord Routing Hole (Front)	ø 27
8	Power Cord Routing Hole (Bottom)	ø 50
9	Wire Routing Hole (Front)	ø 27
10	Pipe Routing Hole (Front)	
11	Pipe Routing Hole (Bottom)	See Note 2.

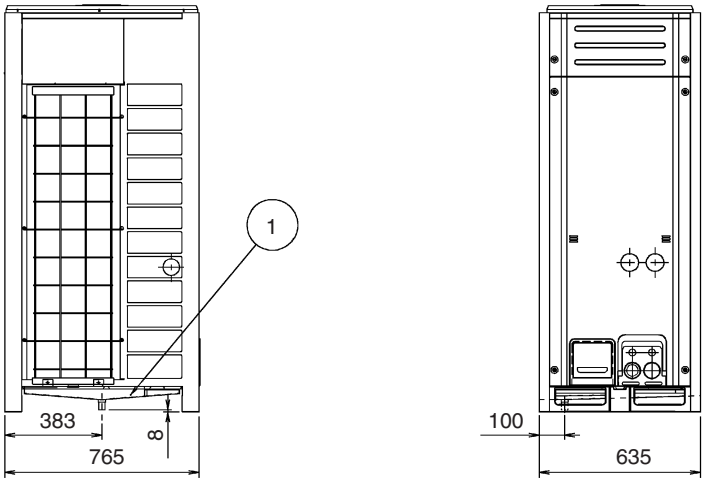
Notes:

1. The dimensions marked by an asterisk (※) are those with the installation of the provided pipes.
2. Refer to the installation instructions when the pipes are routed through the bottom of the unit.
3. In case of multi connection.

3D038962C

6.2 Dimensional Drawings with Central Drain Pan Kit

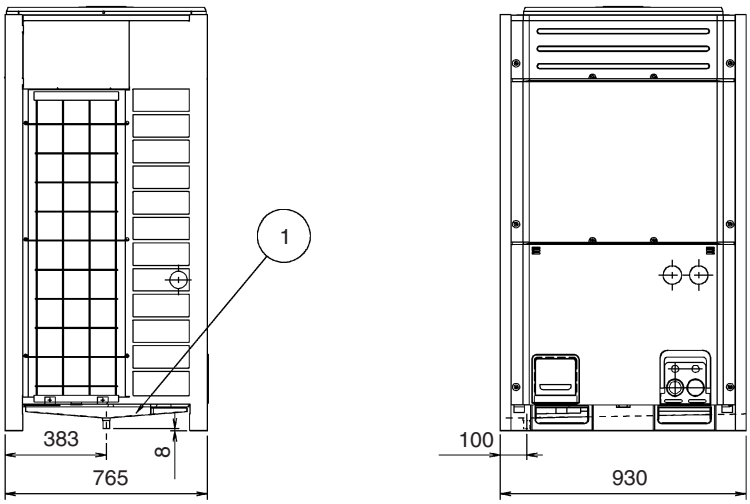
U-5MX3XPS



Nr	Part Name	Description
1	Central Drain Pan Kit	KWC26B160

3D041016

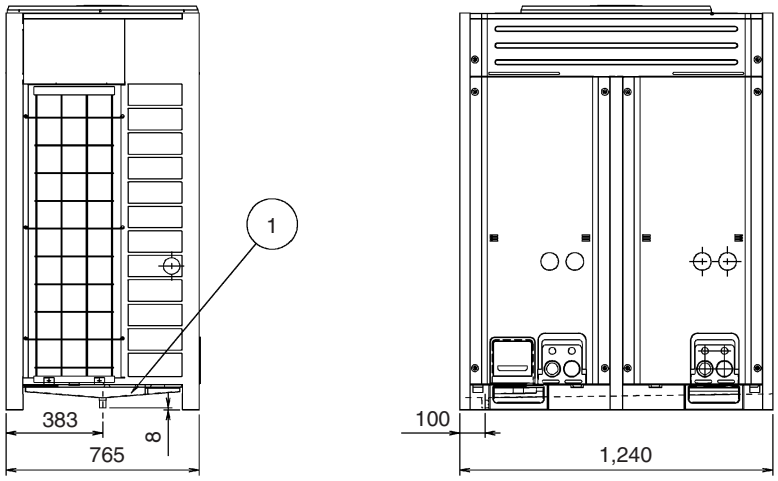
U-8MX3XPS
U-10MX3XPS



Nr	Part Name	Description
1	Central Drain Pan Kit	KWC26B280

3D041017A

U-12MX3XPS
U-14MX3XPS
U-16MX3XPS

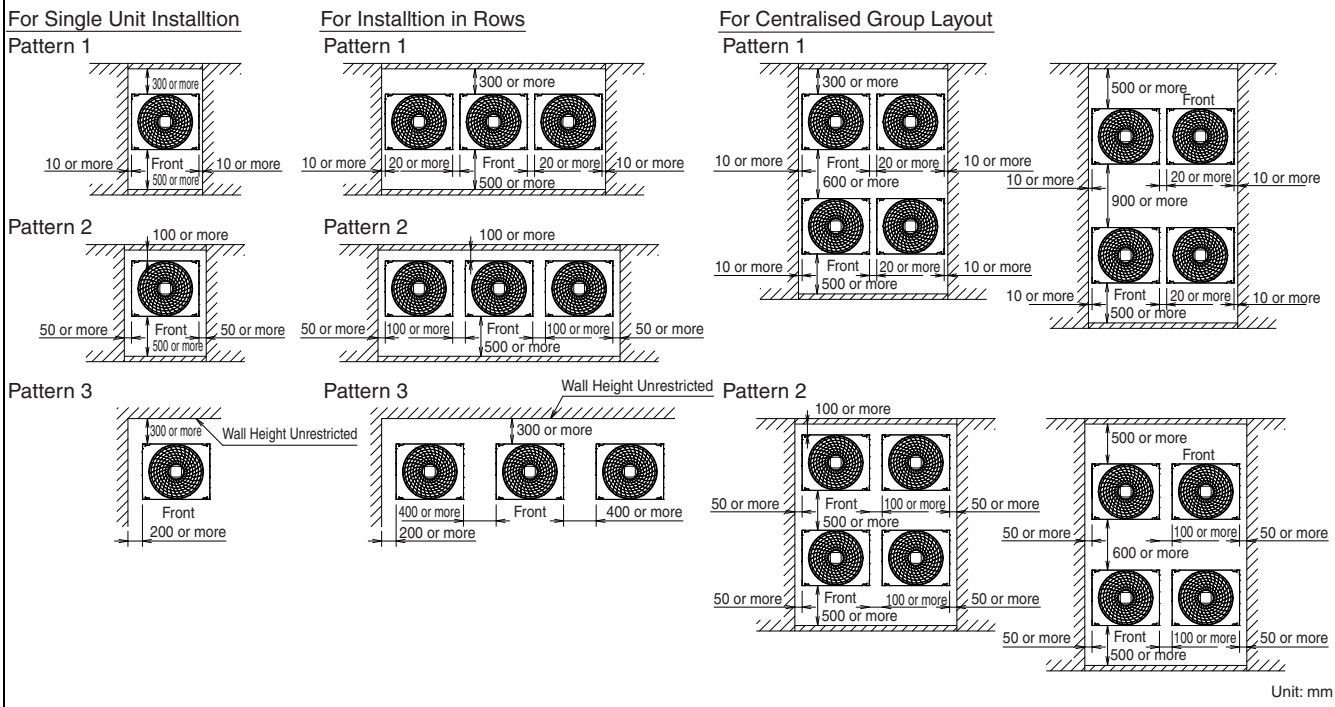


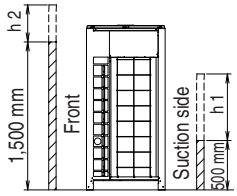
Nr	Part Name	Description
1	Central Drain Pan Kit	KWC26B450

3D041018A

6.3 Installation Service Space

U-MX3





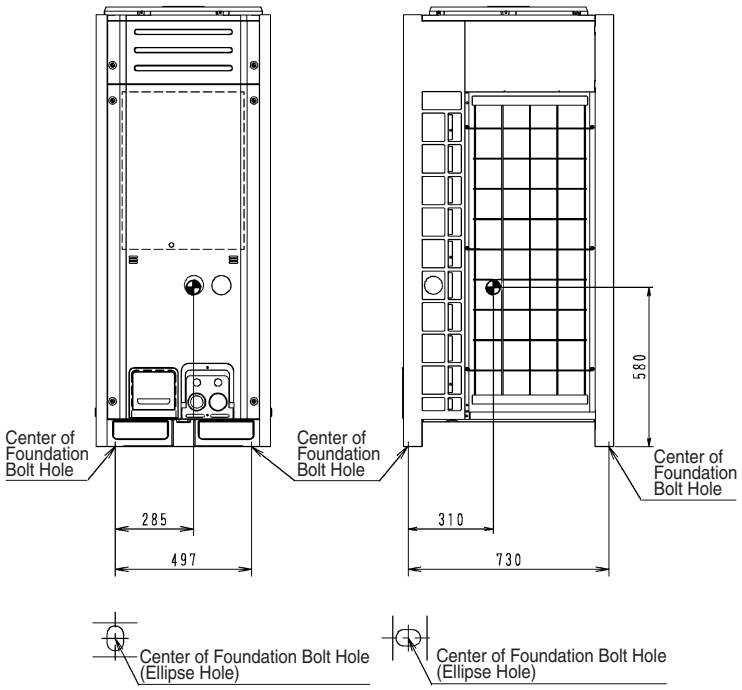
Notes:

1. Wall height in case of patterns 1 and 2:
   Front: 1,500mm
   Suction side: 500mm
   Side: Height unrestricted
2. If the above wall heights are exceeded then h1/2 and h2/2 should be added to the front and suction side service spaces respectively as shown in the figure on the right.
3. When installing the units the most appropriate pattern should be selected from those shown above in order to obtain the best fit in the space available always bearing in mind the need to leave enough room for a person to pass between units and wall and for the air to circulate freely. (If more units are to be installed than are accounted for in the above patterns your layout should take account of the possibility of short circuits.)
4. The units should be installed to leave sufficient space at the front for the on site refrigerant piping work to be carried out comfortably.

3D040335

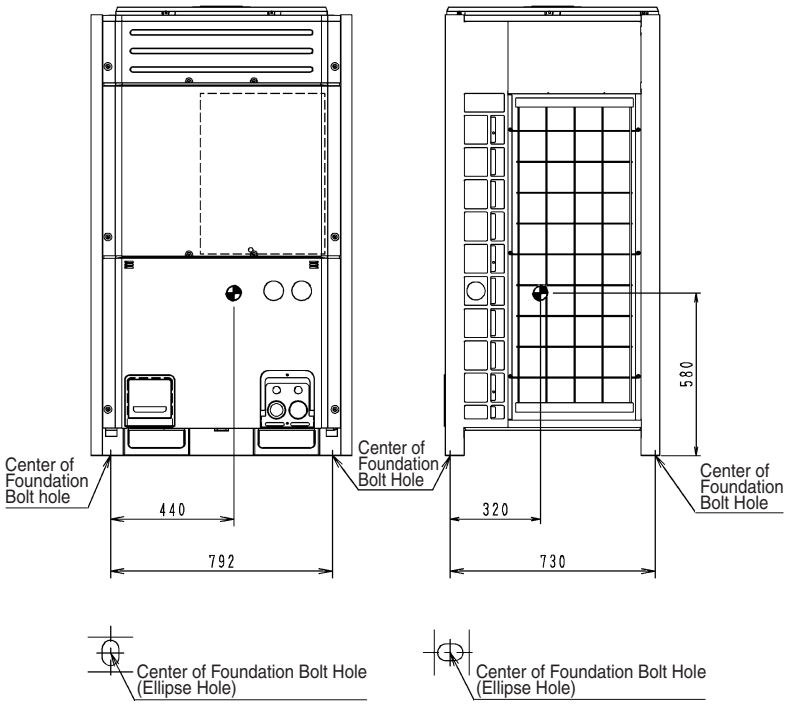
6.4 Centre of Gravity

U-5MX3XPS



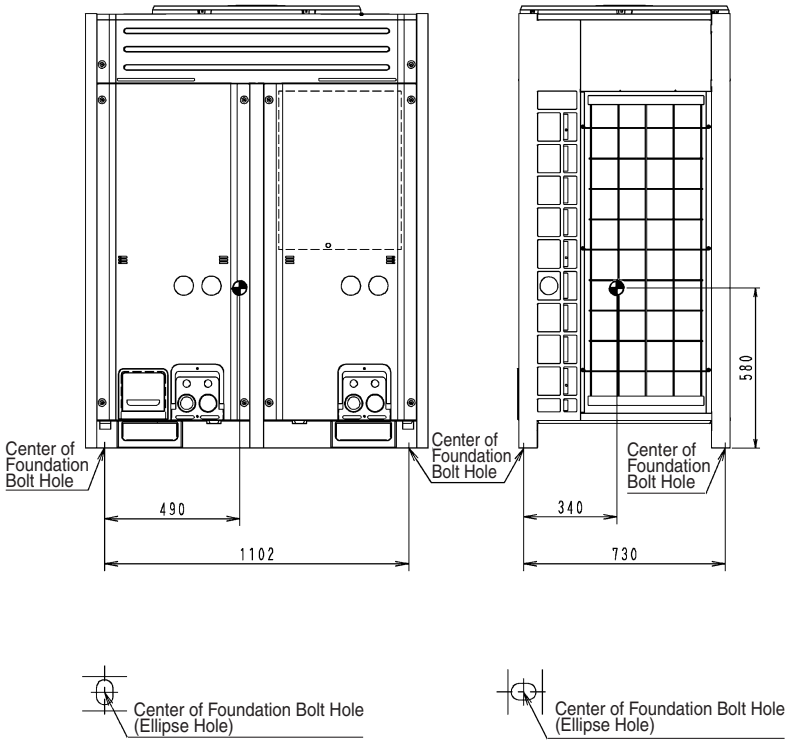
4D040534C

U-8MX3XPS
U-10MX3XPS



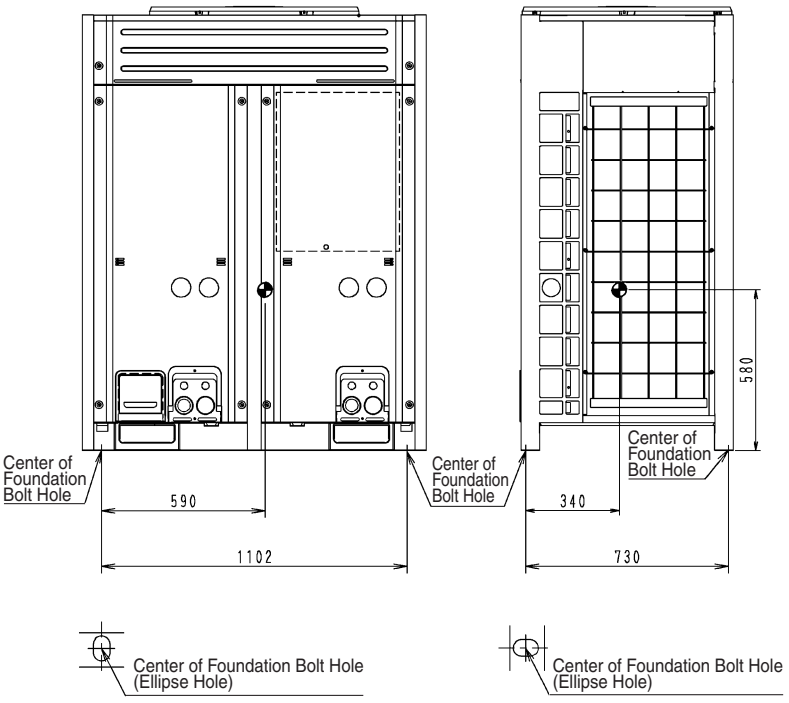
4D040535C

U-12MX3XPS



4D040536C

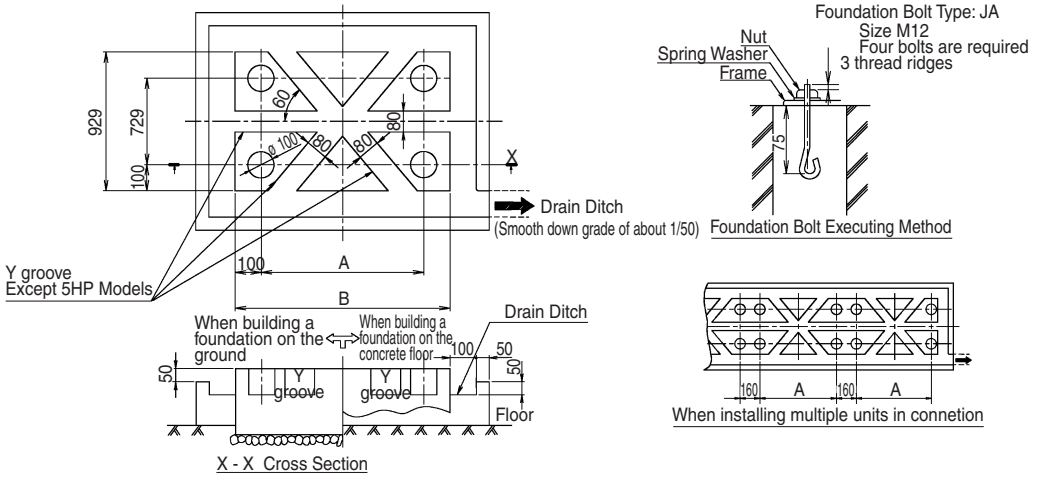
U-14MX3XPS
U-16MX3XPS



4D040537C

6.5 Foundation Drawing

U-MX3



Notes:

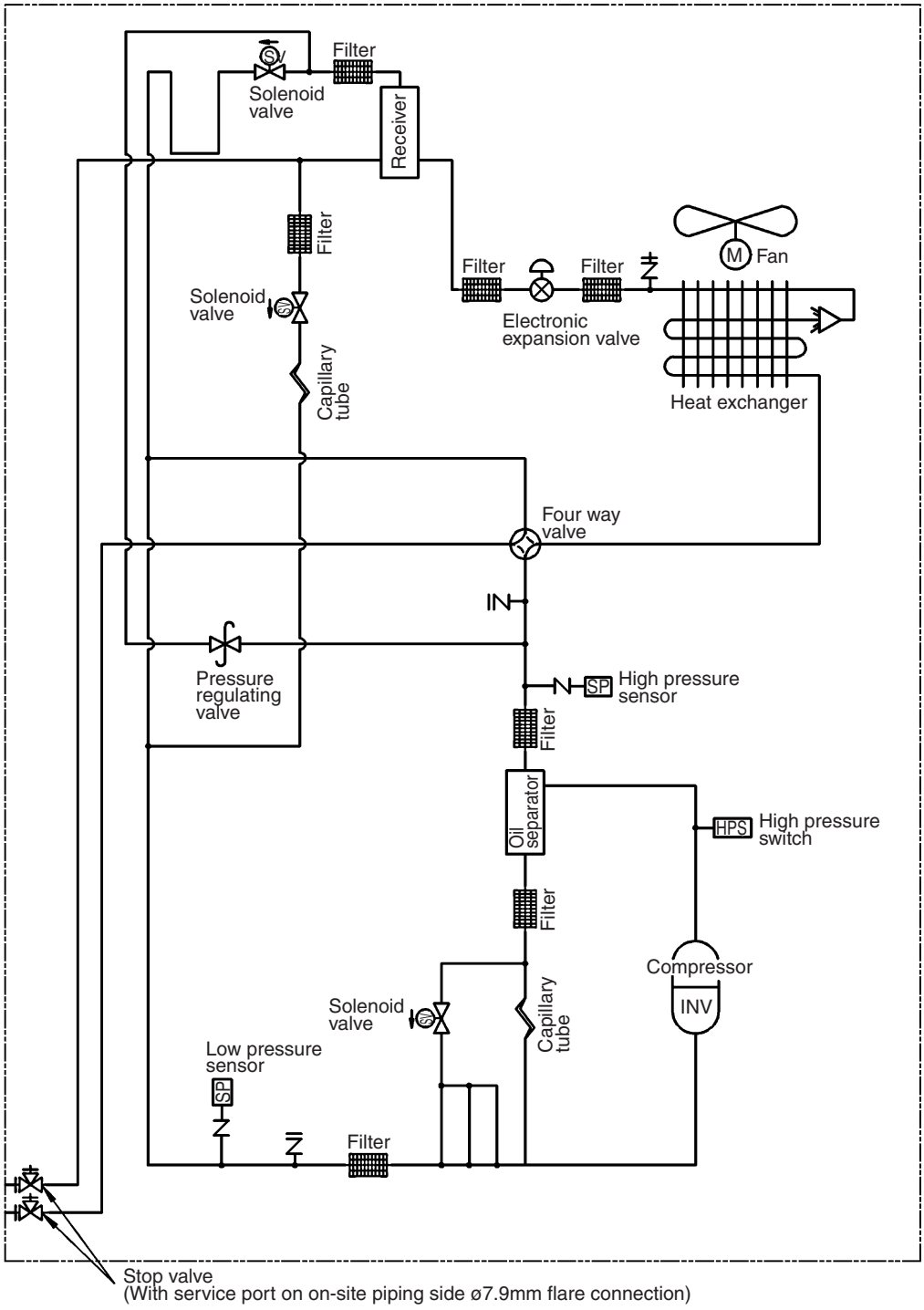
1. The proportions of cement, sand, gravel for concrete shall be 1:2:4 and the reinforcement bars, with diameter 10mm, (approx. 300mm intervals) shall be placed.
2. The surface has to be finished with mortar, The corner edges have to be chamfered.
3. When the foundation is built on a concrete floor, rubble is not necessary. However, the surface of the section on witch the foundation is built has to have rough finish.
4. A drain ditch has to be made around the foundation to thoroughly drain water from the equipment installation area.
5. When installing the equipment on a roof, the floor strength has to be checked, and waterproofing measures have to be taken.
6. Y groove unnecessary for 5HP models.

Model	A	B
5HP	497	697
8HP 10HP	792	992
12HP 14HP 16HP	1,102	1,302

3D040102A

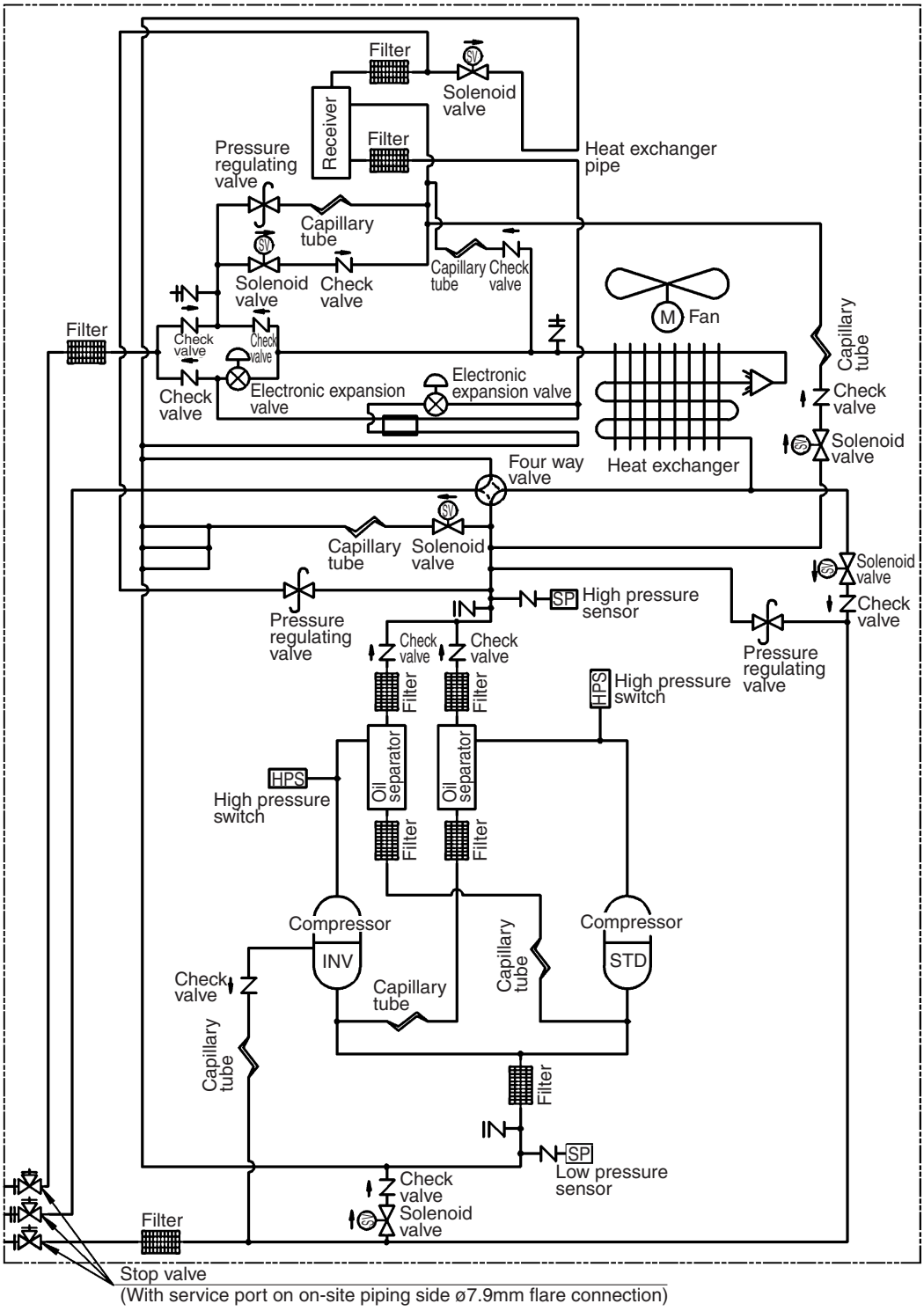
6.6 Piping Diagrams

U-5MX3XPS



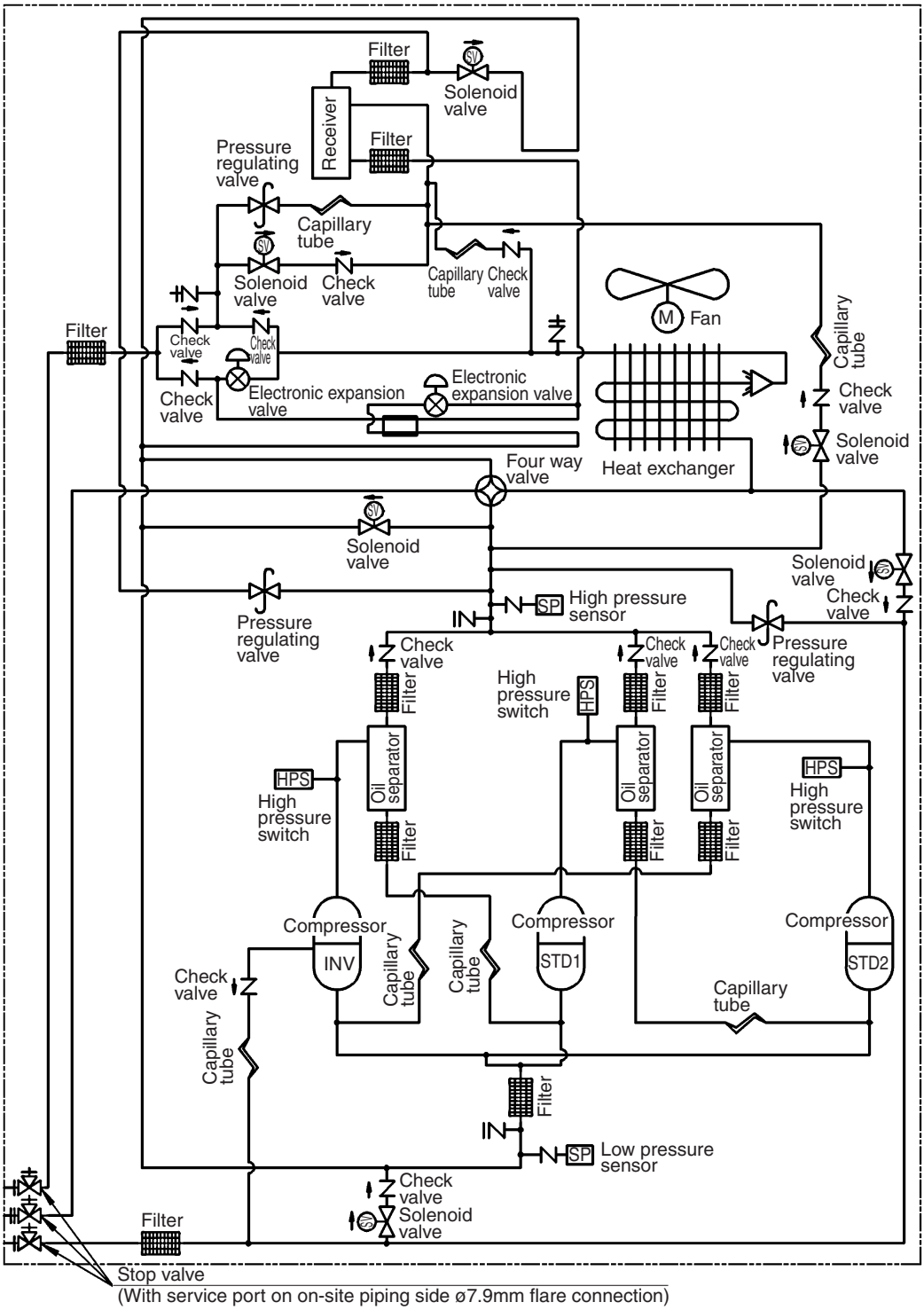
4TW25795-1

U-8MX3XPS
U-10MX3XPS
U-12MX3XPS



4TW25805-1

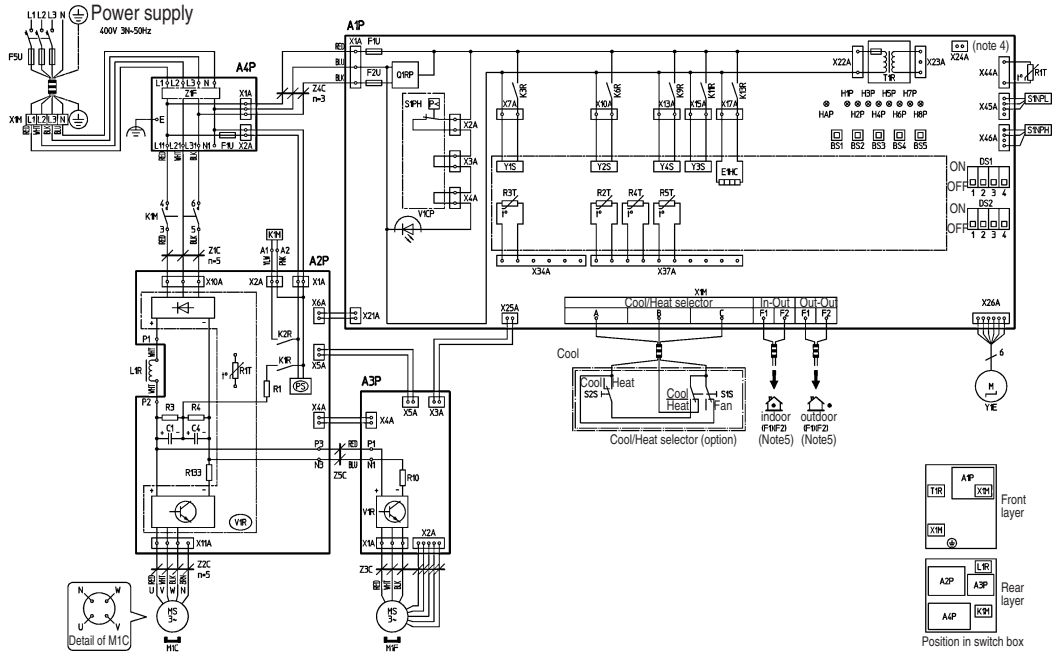
U-14MX3XPS
U-16MX3XPS



4TW25835-1

6.7 Wiring Diagrams

U-5MX3XPS



L1-RED	L2-WHT	L3-BLK	N-BLUE

A1P	Printed circuit board (Main)	K6R	Magnetic relay (Y2S)	S1NPL	Pressure sensor (Low)
A2P	Printed circuit board (Inv)	K9R	Magnetic relay (Y4S)	S1NPH	Pressure switch (High)
A3P	Printed circuit board (Fan-Motor)	K11R	Magnetic relay (Y3S)	T1R	Transformer (230V/20V)
A4P	Printed circuit board (Noise filter)	K13R	Magnetic relay (E1HC)	V1CP	Safety devices input
BS1 ~ BS5	Push button switch (Mode, Set, Return, Test, Reset)	L1R	Reactor	V1R	Power module (A2P)
		M1C	Motor compressor	V1R	Power module (A3P)
C1, 4	Capacitor	M1F	Motor (Fan)	X1M	Terminal strip (Power supply)
DS1, 2	Dip switch	PS	Switching power supply	X1M	Terminal strip (control) (A1P)
E1HC	Crankcase heater	Q1RP	Phase reversal detect circuit	Y1E	Electronic expansion valve
F1U	Fuse (250V, 5A, (B)) (A4P)	R1	Resistor (Current limiting)	Y1S	Solenoid valve (Hot gas)
F1U, 2U	Fuse (250V, 5A, (B)) (A4P)	R10	Resistor (Current sensor)	Y2S	Solenoid valve (Receiver gas purge)
F5U	Field fuse	R133	Resistor (Current sensor)	Y3S	Solenoid valve (4 way valve)
H1P ~ H8P	Pilot lamp (Service monitor-orange)	R3, 4	Resistor	Y4S	Solenoid valve (Injection)
	[H2P] Prepare, test ..... flickering	R1T	Thermistor (Air) (A1P)	Z1C~5C	Noise filter (Ferrite core)
	Malfunction detection .... light up	R1T	Thermistor (Fin) (A2P)	Z1F	Noise filter (With surge absorber)
HAP	Pilot lamp (Service monitor-green)	R2T	Thermistor (Suction)		
K1M	Magnetic contactor (M1C)	R3T	Thermistor (M1C Discharge)		
K1R	Magnetic relay (A2P)	R4T	Thermistor (Heat exc, Deicer)	Cool/heat selector (CZ-01RD11P)	
K2R	Magnetic relay (K1M)	R5T	Thermistor (Heat exc, Outlet)	S1S	Selector switch (Fan/Cool • Heat)
K3R	Magnetic relay (Y1S)	S1NPH	Pressure sensor (High)	S2S	Selector switch (Cool/Heat)

: Field wiring
: Connector
: Terminal
: Terminal strip
: Protective earth (screw)

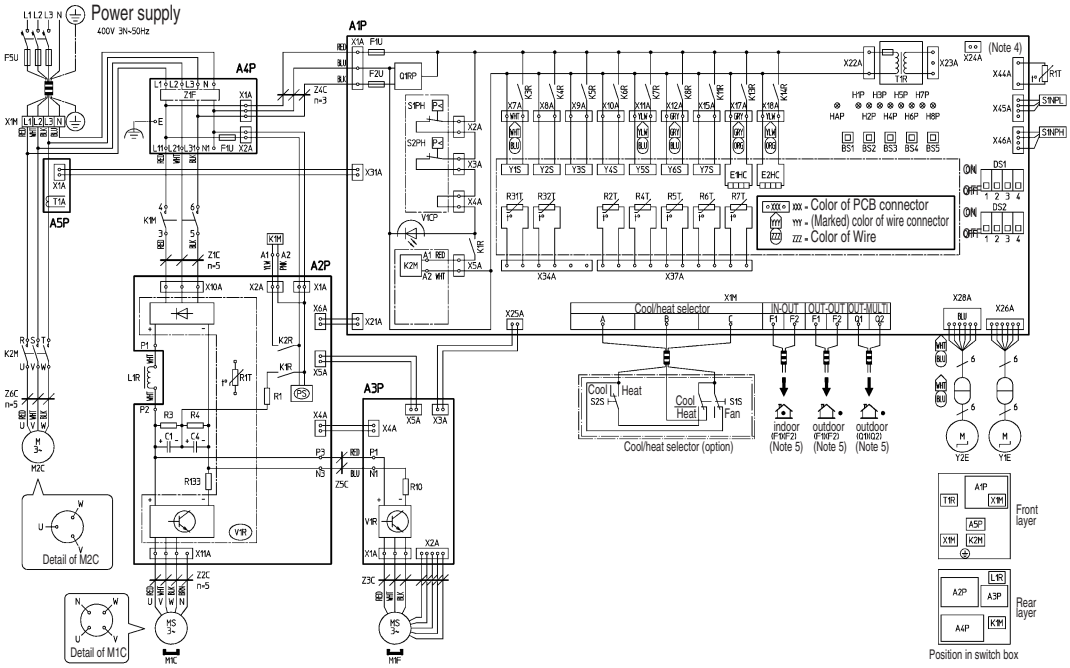
COLORS : BLK : Black, BLU : Blue, BRN : Brown, YLW : Yellow, ORG : Orange, RED : Red, WHT : White, GRN : Green, PNK : Pink, GRY : Grey

Notes:

1. This wiring diagram applies only to the outdoor unit.
2. When using the option adaptor, refer to the installation manual.
3. Refer to the installation manual, for connection wiring to indoor-outdoor transmission F1•F2, outdoor-outdoor transmission F1•F2.
4. Refer to “operation caution label” (on switch box cover), how to use BS1-BS5 and DS1•2 switch.
5. When operating, don't short circuit for protection device. (S1PH)

2PW16518A

U-8MX3XPS
U-10MX3XPS
U-12MX3XPS



L1-RED	L2-WHT	L3-BLK	N-BLUE

A1P	Printed circuit board (Main)	K1M~2M	Magnetic contactor (M1C~2C)	R1	Resistor (Current limiting)	V1R	Power module (A3P)
A2P	Printed circuit board (Inv)	K1R	Magnetic relay (K2M) (A1P)	R10, R133	Resistor (Current sensor)	X1M	Terminal strip (Power supply)
A3P	Printed circuit board (Fan)	K1R	Magnetic relay (A2P)	R3, 4	Resistor	X1M	Terminal strip (Control) (A1P)
A4P	Printed circuit board (Noise filter)	K2R	Magnetic relay (K1M)	R1T	Thermistor (Air) (A1P)	Y1E	Electronic expansion valve (Main)
A5P	Printed circuit board (Current sensor)	K3R	Magnetic relay (Y1S)	R1T	Thermistor (Fin) (A2P)	Y2E	Electronic expansion valve (Subcool)
		K4R	Magnetic relay (Y2S)	R2T	Thermistor (Suction)	Y1S	Solenoid valve (Hot gas)
BS1 ~ 5	Push button switch	K5R	Magnetic relay (Y3S)	R31~32T	Thermistor (M1C~2C Discharge)	Y2S	Solenoid valve (Out-multi oil)
	(Mode, Set. Return, Test, Reset)	K6R	Magnetic relay (Y4S)	R4T	Thermistor (Heat exc. deicer)	Y3S	Solenoid valve (Receiver gas intake)
C1, 4	Capacitor	K7R	Magnetic relay (Y5S)	R5T	Thermistor (Heat exc. outlet)	Y4S	Solenoid valve (Receiver gas purge)
DS1, 2	Dip switch	K8R	Magnetic relay (Y6S)	R6T	Thermistor (Liq. pipe receiver)	Y5S	Solenoid valve (Gas purge)
E1HC~3HC	Crankcase heater	K11R	Magnetic relay (Y7S)	R7T	Thermistor (Oil pipe)	Y6S	Solenoid valve (Liquid pipe)
F1U	Fuse (250V, 5A, (B)) (A4P)	K13R	Magnetic relay (E1HC)	S1NPH	Pressure sensor (High)	Y7S	Solenoid valve (4 way valve)
F1U, 2U	Fuse (250V, 10A, (B)) (A1P)	K14R	Magnetic relay (E2HC)	S1NPL	Pressure sensor (Low)	Z1C~6C	Noise filter (Ferrite core)
F5U	Field Fuse	L1R	Reactor	S1PH~2PH	Pressure switch (High)	Z1F	Noise filter (With surge absorber)
H1P ~ H8P	Pilot lamp (Service monitor-orange)	M1C~3C	Motor (Compressor)	T1A	Current sensor (A5P, A6P)		
	[H2P] Prepare, test -------flickering	M1F	Motor (Fan)	T1R	Transformer (230V/20V)	Cool/heat selector (CZ-01RD11P)	
	Malfunction detection------light up	PS	Switching power supply	V1CP	Safety devices input	S1S	Selector switch (Fan/Cool • Heat)
HAP	Pilot lamp (Service monitor-green)	Q1RP	Phase reversal detect circuit	V1R	Power module (A2P)	S2S	Selector switch (Cool/Heat)

: Field wiring
: Connector
: Terminal
: Terminal strip
: Protective earth (screw)

COLORS : BLK : Black, BLU : Blue, BRN : Brown, YLW : Yellow, ORG : Orange, RED : Red, WHT : White, GRN : Green, PNK : Pink, GRY : Grey

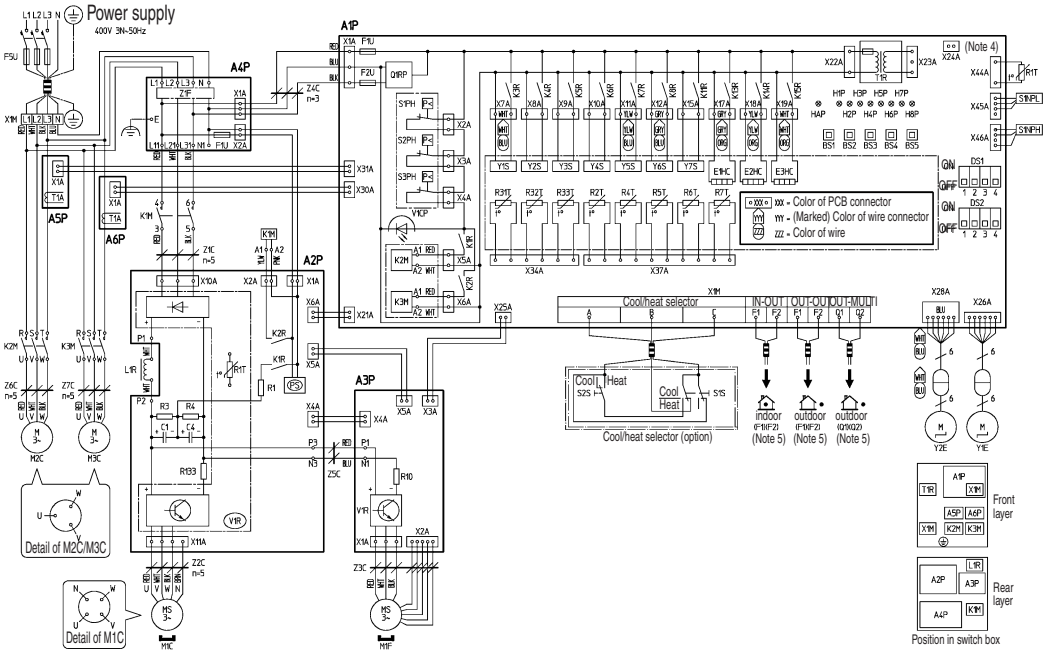
Notes:

1. This wiring diagram applies only to the outdoor unit,
2. When using the option adaptor, refer to the installation manual.
3. Refer to the installation manual, for connection wiring to indoor-outdoor Transmission F1•F2, outdoor-outdoor transmission F1•F2, outdoor-multi transmission Q1•Q2.
4. Refer to “operation caution label” (on switch box cover), how to use BS1-BS5 and DS1•2 switch.
5. When operating, don't short circuit for protection device. (S1PH-S3PH)

2PW16519

2

U-14MX3XPS
U-16MX3XPS



L1-RED	L2-WHT	L3-BLK	N-BLUE					
A1P	Printed circuit board (Main)		K1M~3M	Magnetic contactor (M1C~3C)	PS	Switching power supply	V1R	Power module (A3P)
A2P	Printed circuit board (Inv)		K1R	Magnetic relay (K2M) (A1P)	R1	Resistor (Current limiting)	X1M	Terminal strip (Power supply)
A3P	Printed circuit board (Fan)		K1R	Magnetic relay (A2P)	R3, 4	Resistor	X1M	Terminal strip (Control) (A1P)
A4P	Printed circuit board (Noise filter)		K2R	Magnetic relay (K3M) (A1P)	R1T	Thermistor (Air) (A1P)	Y1E	Electronic expansion valve (Main)
A5P	Printed circuit board (Current sensor)		K2R	Magnetic relay (K1M) (A2P)	R1T	Thermistor (Fin) (A2P)	Y1E	Electronic expansion valve (Subcool)
A6P	Printed circuit board (Current sensor)		K3R	Magnetic relay (Y1C)	R2T	Thermistor (Suction)	Y1S	Solenoid valve (Hot gas)
BS1 ~ 5	Push button switch (Mode, Set. Return, Test, Reset)		K4R	Magnetic relay (Y2S)	R31~33T	Thermistor (M1C~3C Discharge)	Y2S	Solenoid valve (Out-multi oil)
			K5R	Magnetic relay (Y3S)	R4T	Thermistor (Heat exc. deicer)	Y3S	Solenoid valve (Receiver gas intake)
C1, 4	Capacitor		K6R	Magnetic relay (Y4S)	R5T	Thermistor (Heat exc. outlet)	Y4S	Solenoid valve (Receiver gas purge)
DS1, 2	Dip switch		K7R	Magnetic relay (Y5S)	R6T	Thermistor (Liq. pipe receiver)	Y5S	Solenoid valve (Gas purge)
E1HC~3HC	Crankcase heater		K8R	Magnetic relay (Y6S)	R7T	Thermistor (Oil pipe)	Y6S	Solenoid valve (Liquid pipe)
F1U	Fuse (250V, 5A, (B)) (A4P)		K11R	Magnetic relay (Y7S)	S1NPH	Pressure sensor (High)	Y7S	Solenoid valve (4 way valve)
F1U, 2U	Fuse (250V, 10A, (B)) (A1P)		K13R	Magnetic relay (E1HC)	S1NPL	Pressure sensor (Low)	Z1C~7C	Noise filter (Ferrite core)
F5U	Field Fuse		K14R	Magnetic relay (E2HC)	S1PH~3PH	Pressure switch (High)	Z1F	Noise filter (With surge absorber)
H1P ~ H8P	Pilot lamp (Service monitor-orange)		K15R	Magnetic relay (E3HC)	T1A	Current sensor (A5P, A6P)		
	[H2P] Prepare, test -------flickering		L1R	Reactor	T1R	Transformer (230V/20V)	Cool/heat selector (CZ-01RD11P)	
	Malfunction detection------light up		M1C~3C	Motor (Compressor)	V1CP	Safety devices input	S1S	Selector switch (Fan/Cool • Heat)
HAP	Pilot lamp (Service monitor-green)		M1F	Motor (Fan)	V1R	Power module (A2P)	S2S	Selector switch (Cool/Heat)

: Field wiring
: Connector
: Terminal
: Terminal strip
: Protective earth (screw)

COLORS : BLK : Black ORG : Orange PNK : Pink
BLU : Blue RED : Red GRY : Grey
BRN : Brown WHT : White
YLW : Yellow GRN : Green

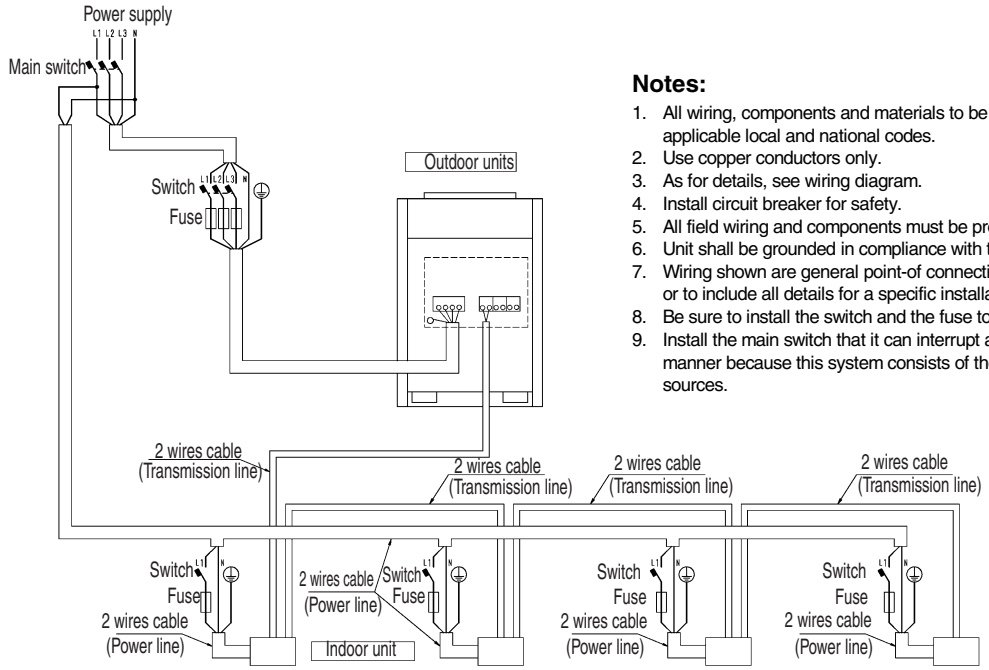
Notes:

1. This wiring diagram is applies only to the outdoor unit,
2. When using the option adaptor, refer to the installation manual.
3. Refer to the installation manual, for connection wiring to indoor-outdoor.
   Transmission F1•F2, outdoor-outdoor transmission F1•F2, outdoor-multi transmission Q1•Q2.
4. Refer to “operation caution label” (on switch box cover), how to use BS1-BS5 and DS1•2 switch.
5. When operating, don't short circuit for protection device. (S1PH-S3PH)

2PW16520

7. External Connection Diagram

U-5~16MX3

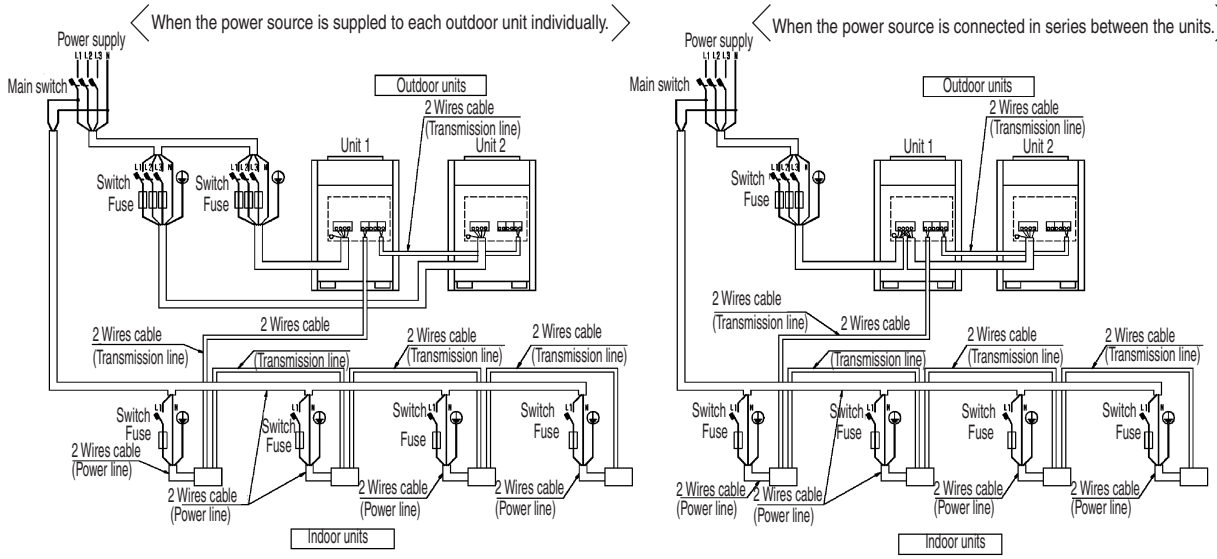


Notes:

1. All wiring, components and materials to be procured on site must comply with the applicable local and national codes.
2. Use copper conductors only.
3. As for details, see wiring diagram.
4. Install circuit breaker for safety.
5. All field wiring and components must be provided by a licensed electrician.
6. Unit shall be grounded in compliance with the applicable local and national codes.
7. Wiring shown are general point-of connection guides only and are not intended for or to include all details for a specific installation.
8. Be sure to install the switch and the fuse to the power line of each equipment.
9. Install the main switch that it can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources.

3D040746A

PA-18~32MX3

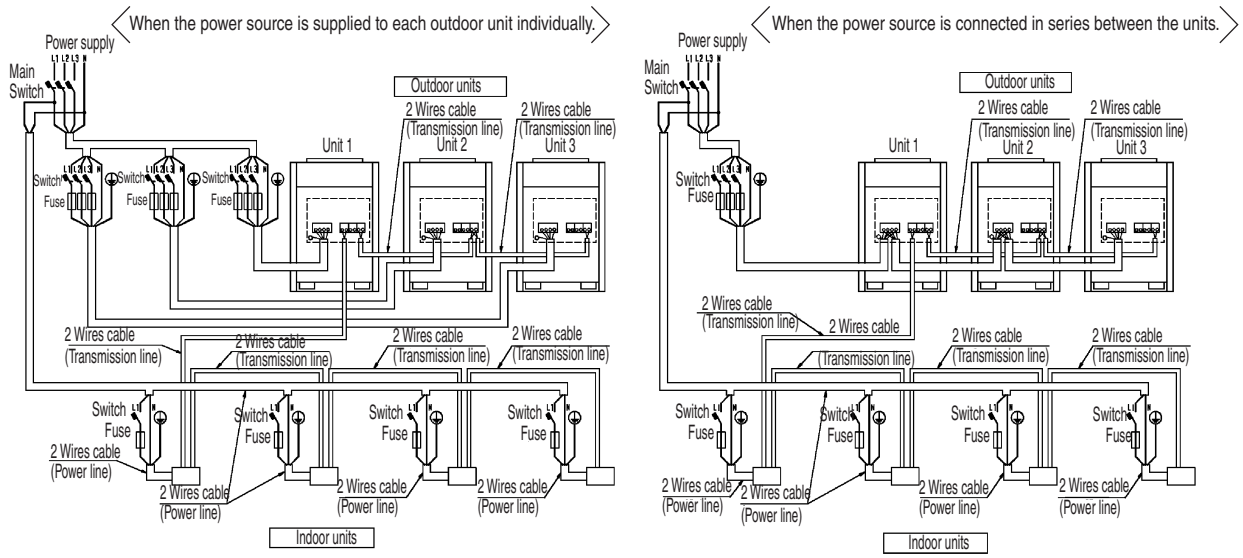


Notes:

1. All wiring, components and materials to be procured on site must comply with the applicable local and national codes.
2. Use copper conductors only.
3. As for details, see wiring diagram.
4. Install circuit breaker for safety.
5. All field wiring and components must be provided by a licensed electrician.
6. Unit shall be grounded in compliance with the applicable local and national codes.
7. Wiring shown are general point-of connection guides only and are not intended for or to include all details for a specific installation.
8. Be sure to install the switch and the fuse to the power line of each equipment.
9. Install the main switch that it can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources.
10. When the power source is connected in series between the units, comply with the following conditions:
    The capacity of UNIT 1 must be larger than UNIT 2.
    The capacity of UNIT 2 must be larger than UNIT 3.

3D040747A

PA-34~48MX3



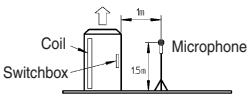
Notes:

1. All wiring, components and materials to be procured on site must comply with the applicable local and national codes.
2. Use copper conductors only.
3. As for details, see wiring diagram.
4. Install circuit breaker for safety.
5. All field wiring and components must be provided by a licensed electrician.
6. Unit shall be grounded in compliance with the applicable local and national codes.
7. Wiring shown are general point-of connection guides only and are not intended for or to include all details for a specific installation.
8. Be sure to install the switch and the fuse to the power line of each equipment.
9. Install the main switch that it can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources.
10. When the power source is connected in series between the units, comply with the following conditions:
    The capacity of UNIT 1 must be larger than UNIT 2.
    The capacity of UNIT 2 must be larger than UNIT 3.

3D040748A

8. Sound Level

8.1 Sound Level Data

Model	Sound pressure level		Sound power level
	H	Measuring location	
U-5MX3	56		72
U-8MX3	57		78
U-10MX3	58		78
U-12MX3	60		80
U-14MX3	60		80
U-16MX3	60		80
PA-18MX3	61		81
PA-20MX3	61		81
PA-22MX3	62		82
PA-24MX3	62		82
PA-26MX3	62		82
PA-28MX3	63		83
PA-30MX3	63		83
PA-32MX3	63		83
PA-34MX3	64		84
PA-36MX3	64		84
PA-38MX3	64		84
PA-40MX3	64		84
PA-42MX3	64		84
PA-44MX3	65		85
PA-46MX3	65		85
PA-48MX3	65		85

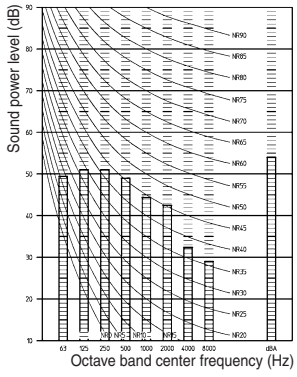
Notes:

1. Data is valid at free field condition (measured in a semi-anechoic room)
2. dBA = A-weighted sound pressure level. (A-scale according to IEC)
3. Reference acoustic pressure 0dB = 20μPa
4. If sound is measured under actual installation conditions, it is normally over the set value, due to environmental noise and sound reflection.

8.2 Sound Pressure Spectrum

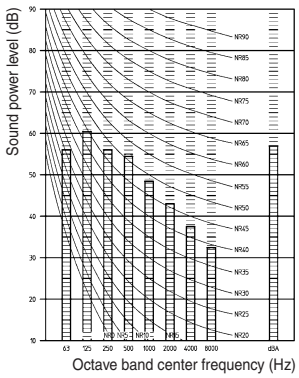
○-----○ 50Hz
○——○ 60Hz

U-5MX3XPS



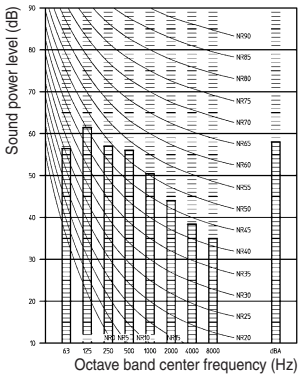
3TW25797-1

U-8MX3XPS



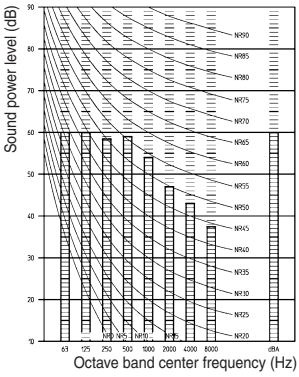
3TW25807-1

U-10MX3XPS



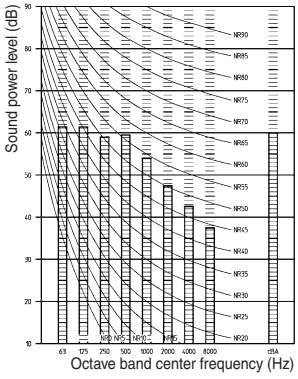
3TW25817-1

U-12·14MX3XPS



3TW25827-1

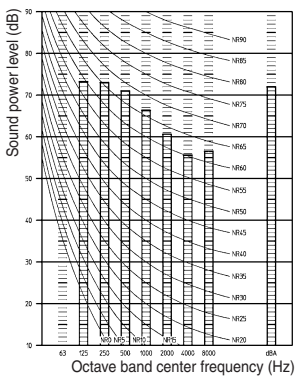
U-16MX3XPS



3TW25847-1

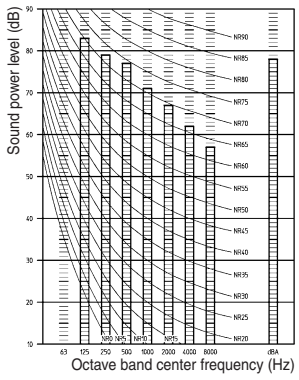
8.3 Sound Power Spectrum

U-5MX3XPS



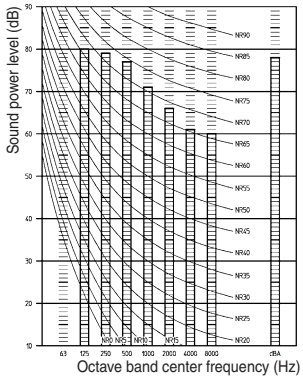
3TW25797-2

U-8MX3XPS



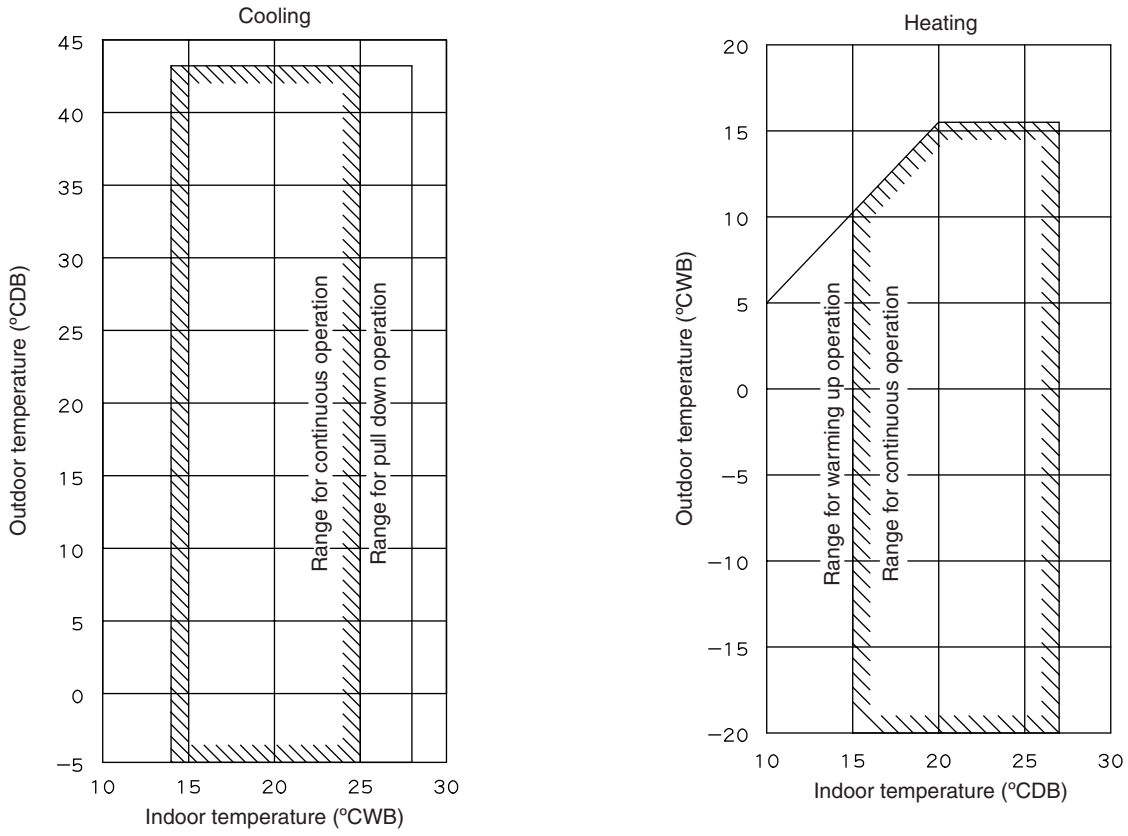
3TW25807-2

U-10MX3XPS



3TW25817-2

9. Operation Range



4TW25797-3

Notes:

1. These figures assume the following operating conditions:
   Indoor and outdoor units:
   Equivalent pipe length: 7.5m
   Level difference: 0m

ME3 Series Heat Recovery

1. Specifications 206
   1.1 Survey U-8~16ME3, PA-18~48ME3 206
   1.2 Technical Specifications 208
   1.3 Electrical Specifications 209
2. Accessories 211
3. Capacity Tables 212
   3.1 Cooling Capacity 212
   3.2 Heating Capacity 275
4. Capacity Correction Ratio 338
   4.1 U-8ME3, PA-22ME3 338
   4.2 U-10ME3 339
   4.3 U-12·14ME3, PA-24·36ME3 340
   4.4 U-16ME3 341
   4.5 PA-18·26·28·30·38·40·42·44ME3 342
   4.6 PA-20·32·34·46ME3 343
   4.7 PA-48ME3 344
5. Integrated Heating Capacity Coefficient 345
6. Dimensions 346
   6.1 Dimensional Drawings 346
   6.2 Dimensional Drawings with Central Drain Pan Kit 347
   6.3 Installation Service Space 348
   6.4 Centre of Gravity 349
   6.5 Foundation Drawing 351
7. Piping Diagrams 352
8. Wiring Diagrams 354
9. External Connection Diagram 356
10. Sound Level 358
   10.1 Sound Level Data 358
   10.2 Sound Pressure Spectrum 358
11. Operation Range 359

1. Specifications

1.1 Survey U-8~16ME3, PA-18~48ME3

U-ME3			8	10	12	14	16
Modules	U-8ME3		1				
	U-10ME3			1			
	U-12ME3				1		
	U-14ME3					1	
	U-16ME3						1
Equivalent Horsepower		HP	8	10	12	14	16
Number of Outdoor Units			1	1	1	1	1
Number of Compressors			2	2	2	3	3
Number of Connectable Indoor Units			13	16	20	20	20
Minimum Capacity Index			100	125	150	175	200
Maximum Capacity Index			260	325	390	455	520
Cooling Capacity		kW	22.4	28.0	33.5	40.0	44.5
Heating Capacity		kW	25.0	31.5	37.5	45.0	50.0
Power Input	Cooling	kW	6.97	9.00	10.60	14.30	15.60
	Heating	kW	7.03	9.50	11.0	13.1	14.3
COP	Cooling		3.21	3.11	3.16	2.80	2.85
	Heating		3.56	3.32	3.41	3.44	3.50
Capacity Steps							
Dimensions	Height	mm	1,600	1,600	1,600	1,600	1,600
	Width	mm	930	930	1,240	1,240	1,240
	Depth	mm	765	765	765	765	765
Weight		kg	245	245	295	340	340

PA-ME3			18	20	22	24	26	28	30	32
Modules	U-8ME3		1							
	U-10ME3		1	2	1	1	1			
	U-12ME3				1			1		
	U-14ME3					1			1	
	U-16ME3						1	1	1	2
Equivalent Horsepower		HP	18	20	22	24	26	28	30	32
Number of Outdoor Units			2	2	2	2	2	2	2	2
Number of Compressors			4	4	4	5	5	5	6	6
Number of Connectable Indoor Units			20	20	22	32	32	32	32	32
Minimum Capacity Index			225	250	275	300	325	350	375	400
Maximum Capacity Index			585	650	715	780	845	910	975	1.040
Cooling Capacity		kW	50.4	56.0	61.5	68.0	72.5	78.0	84.5	89.0
Heating Capacity		kW	56.5	63.0	69.0	76.5	81.5	87.5	95.0	100.0
Power Input	Cooling	kW	16.00	18.00	19.60	23.30	24.60	26.20	29.90	31.20
	Heating	kW	16.50	19.00	20.50	22.60	23.80	25.30	27.50	28.60
COP	Cooling		3.15	3.11	3.14	2.92	2.95	2.98	2.83	2.85
	Heating		3.42	3.32	3.37	3.38	3.42	3.46	3.45	3.50
Capacity Steps										
Dimensions	Height	mm	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
	Width	mm	1,860	1,860	2,170	2,170	2,170	2,480	2,480	2,480
	Depth	mm	765	765	765	765	765	765	765	765
Weight		kg	490	490	540	585	585	635	680	680

PA-ME3			34	36	38	40	42	44	46	48
Modules	U-8ME3									
	U-10ME3		2	2	1	1	1			
	U-12ME3				1			1		
	U-14ME3		1			1			1	
	U-16ME3			1	1	1	2	2	2	3
Equivalent Horsepower		HP	34	36	38	40	42	44	46	48
Number of Outdoor Units			3	3	3	3	3	3	3	3
Number of Compressors			7	7	7	8	8	8	9	9
Number of Connectable Indoor Units			34	36	38	40	40	40	40	40
Minimum Capacity Index			425	450	475	500	525	550	575	600
Maximum Capacity Index			1,105	1,170	1,235	1,300	1,365	1,430	1,495	1,560
Cooling Capacity		kW	96.0	100.5	106.0	112.5	117.0	122.5	129.0	133.5
Heating Capacity		kW	108.0	113.0	119.0	126.5	131.5	137.5	145.0	150.0
Power Input	Cooling	kW	32.30	33.60	35.20	38.90	40.20	41.80	45.50	46.90
	Heating	kW	32.1	33.3	34.8	36.37	38.1	39.6	41.8	42.9
COP	Cooling		2.97	2.99	3.01	2.89	2.91	2.93	2.84	2.85
	Heating		3.36	3.39	3.42	3.42	3.45	3.47	3.47	3.50
Capacity Steps										
Dimensions	Height	mm	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
	Width	mm	3,100	3,100	3,410	3,410	3,410	3,720	3,720	3,720
	Depth	mm	765	765	765	765	765	765	765	765
Weight		kg	830	830	880	925	925	975	1.020	1.020

1.2 Technical Specifications

U-ME3			8	10	12	14	16
Nominal Cooling Capacity		kW	22.4	28.0	33.5	40.0	44.5
Nominal Heating Capacity		kW	25.0	31.5	37.5	45.0	50.0
Nominal input	Cooling	kW	6.97	9.00	10.60	14.30	15.60
	Heating	kW	7.03	9.50	11.00	13.10	14.30
COP	Cooling		3.21	3.11	3.16	2.80	2.85
	Heating		3.56	3.32	3.41	3.44	3.50
Dimensions	Height	mm	1,600	1,600	1,600	1,600	1,600
	Width	mm	930	930	1,240	1,240	1,240
	Depth	mm	765	765	765	765	765
Weight		kg	245	245	295	340	340
Colour			Ivory White (5Y7.5/1)				
Sound Pressure Level		dB(A)	57	58	60	60	60
Sound Power Level		dB(A)	*	*	*	*	*
Fan	Type		Propeller Fan				
	Air Flow Rate	m^3/h	10,500	10,800	12,600	12,600	12,600
	Motor Output	kW	0.75 x 1	0.75 x 1	0.75 x 1	0.75 x 1	0.75 x 1
	Drive		Direct Drive				
Compressor	Type		Hermetically Sealed Scroll Type				
	Speed	rpm	6,480; 2,900	6,480; 2,900	6,480; 2,900	6,480; 2,900 x 2	6,480; 2,900 x 2
	Piston Displacement	m^3/h	13.72 + 10.47	13.72 + 10.47	13.72 + 10.47	13.72 + 10.47 + 10.47	13.72 + 10.47 + 10.47
	Motor Output x n° of Units	kW	(1.2+4.5)x1	(2.7+4.5)x1	(4.2+4.5)x1	(2.0+4.5+4.5)x1	(3.0+4.5+4.5)x1
	Starting Method		Direct on Line				
Heat Exchanger	Type		Cross Fin Coil				
Refrigerant	Name		R-410A				
	Charge	kg	10.3	11.4	12.4	13.5	14.6
	Control		Electronic Expansion Valve				
Refrigerant Oil	Type		Synthetic (ether) Oil				
	Charge	l	1.9+1.6	1.9+1.6	1.9+1.6	1.9+1.6+1.6	1.9+1.6+1.6
Piping Connections	Liquid	mm	9.5 fl	9.5 fl	12.7 fl	12.7 fl	12.7 fl
	Suction Gas	mm	19.1 br	22.2 br	28.6 br	28.6 br	28.6 br
	Discharge Gas	mm	15.9 br	19.1 br	19.1 br	22.2 br	22.2 br
	Oil Equalising		6.4 fl	6.4 fl	6.4 fl	6.4 fl	6.4 fl
Defrost Method			Deicer				
Capacity Control		%	14 ~ 100	14 ~ 100	14 ~ 100	10 ~ 100	10 ~ 100
Standard Accessories			Installation Manual, Operation Manual, Connection Pipes, Clamps				

4D039031/32/33/34/35

Notes:

1 Nominal cooling capacities are based on:
- indoor temperature: 27°CDB, 19°CWB
- outdoor temperature: 35°CDB
- equivalent refrigerant piping: 7.5m
- level difference: 0m

2 Nominal heating capacities are based on:
- indoor temperature: 20°CDB
- outdoor temperature: 7°CDB/6°CWB
- equivalent refrigerant piping: 7.5m
- level difference: 0m

3 Sound power levels were not available at time of publication

1.3 Electrical Specifications

Model	Units			Power supply			Compressor		Outdoor fan motor	
	Hz	Volts	Min. - max.	Minimum circuit amps (MCA)	Total overcurrent amps (TOCA)	Maximum fuse amps (MFA)	Maximum starting current (MSC)	Rated load amps (RLA)	Fan motor rated output (kW)	Full load amps (FLA)
8	50	380 400 415	342 - 456	19.5	27.8	30	78 74 71	3.1+7.9 2.9+7.5 2.8+7.3	0.75	0.7
10	50	380 400 415	342 - 456	22.8	27.8	30	78 74 72	6.5+8.4 6.2+8.0 6.0+7.7	0.75	0.7
12	50	380 400 415	342 - 456	23.3	28.3	30	79 75 72	8.5+8.7 8.1+8.2 7.8+7.9	0.75	1.1
14	50	380 400 415	342 - 456	33.4	41.3	40	98 93 90	4.8+8.9x2 4.6+8.5x2 4.4+8.2x2	0.75	1.1
16	50	380 400 415	342 - 456	33.4	41.3	40	100 95 91	6.2+9.2x2 5.9+8.8x2 5.7+8.4x2	0.75	1.1
18	50	380 400 415	342 - 456	42.3	55.6	50	98 94 90	3.1+6.5+7.9+8.4 2.9+6.2+7.5+8.0 2.8+6.0+7.3+7.7	0.75x2	0.7x2
20	50	380 400 415	342 - 456	45.6	55.6	50	99 94 91	6.5x2+8.4x2 6.2x2+8.0x2 6.0x2+7.7x2	0.75x2	0.7x2
22	50	380 400 415	342 - 456	46.1	56.1	50	99 94 91	6.5+8.4+8.5+8.7 6.2+8.0+8.1+8.2 6.0+7.7+7.8+7.9	0.75x2	0.7+1.1
24	50	380 400 415	342 - 456	56.2	69.1	60	109 104 100	4.8+6.5+8.4+8.9x2 4.6+6.2+8.0+8.5x2 4.4+6.0+7.7+8.2x2	0.75x2	0.7+1.1
26	50	380 400 415	342 - 456	56.2	69.1	60	111 106 102	6.2+6.5+8.4+9.2x2 5.9+6.0+8.0+8.8x2 5.7+6.0+7.7+8.4x2	0.75x2	0.7+1.1
28	50	380 400 415	342 - 456	56.7	69.7	70	112 106 103	6.2+8.5+8.7+9.2x2 5.9+8.1+8.2+8.8x2 5.7+7.8+7.9+8.4x2	0.75x2	1.1x2
30	50	380 400 415	342 - 456	66.8	82.7	70	122 116 111	4.8+6.2+8.9x2+9.2x2 4.6+5.9+8.5x2+8.8x2 4.4+5.7+8.2x2+8.4x2	0.75x2	1.1x2
32	50	380 400 415	342 - 456	66.8	82.7	70	123 117 112	6.2x2+9.2x4 5.9x2+8.8x4 5.7x2+8.4x4	0.75x2	1.1x2
34	50	380 400 415	342 - 456	79.0	96.9	90	130 123 119	4.8+6.5x2+8.4x2+8.9x2 4.6+6.2x2+8.0x2+8.5x2 4.4+6.0x2+7.7x2+8.2x2	0.75x3	1.1+0.7x2
36	50	380 400 415	342 - 456	79.0	96.9	90	132 125 121	6.2+6.5x2+8.4x2+9.2x2 5.9+6.2x2+8.0x2+8.8x2 5.7+6.0x2+7.7x2+8.4x2	0.75x3	1.1+0.7x2
38	50	380 400 415	342 - 456	79.5	97.5	90	132 126 121	6.2+6.5+8.5+8.4x2+9.2x2 5.9+6.0+7.9+8.0x2+8.8x2 5.7+5.8+7.8+7.7x2+8.4x2	0.75x3	0.7+1.1x2
40	50	380 400 415	342 - 456	89.6	110.5	100	143 135 130	4.8+6.2+6.3+8.4+8.9x2+9.2x2 4.6+5.9+6.0+7.9+8.5x2+8.8x2 4.4+5.7+5.8+7.7+8.2x2+8.4x2	0.75x3	0.7+1.1x2
42	50	380 400 415	342 - 456	89.6	110.5	100	145 137 132	6.2x2+6.5+8.4+9.2x4 5.9x2+6.2+8.0+8.8x4 5.7x2+6.0+7.7+8.4x4	0.75x3	0.7+1.1x2
44	50	380 400 415	342 - 456	90.1	110.0	100	145 138 133	6.2x2+8.5+8.7+9.2x4 5.9x2+8.1+8.2+8.8x4 5.7x2+7.8+7.9+8.4x4	0.75x3	1.1x3

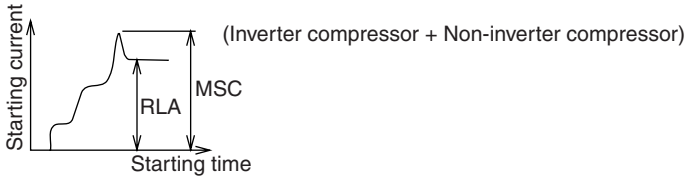
Model	Units			Power supply			Compressor		Outdoor fan motor	
	Hz	Volts	Min. - max.	Minimum circuit amps (MCA)	Total overcurrent amps (TOCA)	Maximum fuse amps (MFA)	Maximum starting current (MSC)	Rated load amps (RLA)	Fan motor rated output (kW)	Full load amps (FLA)
46	50	380 400 415	342 - 456	100.2	124.0	110	155 147 142	4.8+6.2x2+8.9x2+9.2 x4 4.6+5.9x2+8.5x2+8.8 x4 4.4+5.7x2+8.2x2+8.4 x4	0.75x3	1.1x3
48	50	380 400 415	342 - 456	100.2	124.0	110	156 148 143	6.2x3+9.2x6 5.9x3+8.8x6 5.7x3+8.4x6	0.75x3	1.1x3

3D042149/50/51

Notes:

1 RLA is based on following conditions:
   - Indoor temperature: 27°CDB, 19.0°CWB
   - Outdoor temperature: 35°CDB
2 TOCA means the total value of each OC set
3 MSC means the maximum current during start up of the compressor
4 Voltage range: units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits
5 Maximum allowable voltage range variation between phases is 2%
6 Select wire size based on the larger value of MCA or TOCA
7 MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker)

Relationship between starting time and starting current.



2. Accessories

U-ME3	8, 10	12, 14, 16
Header Branch Pipes	CZ-P29HK32Q (max. 8 branches)	CZ-P29HK32Q (max. 8 branches) CZ-P64HK32Q (max. 8 branches)
Line Branch Pipes	CZ-P20BK32Q CZ-P29BK32Q	CZ-P20BK32Q CZ-P29BK32Q CZ-P64BK32Q
Central Drain Pan Kit	KWC26B280	KWC26B450

3D040502

PA-ME3	18, 20	22, 24, 26	28	30, 32
Header Branch Pipes	CZ-P29HK32Q (max. 8 branches) CZ-P64HK32Q (max. 8 branches) CZ-P75HK32Q (max. 8 branches)			
Line Branch Pipes	CZ-P20BK32Q CZ-P29BK32Q CZ-P64BK32Q CZ-P75BK32Q			
Outdoor Unit Multi Connection Piping Kit	CZ-32PJ3PQ			
Central Drain Pan Kit	KWC26B280 x 2	KWC26B280 KWC26B450	KWC26B450 x 2	KWC26B450 x 2

3D040503

PA-ME3	34, 36	38	40, 42	44,46,48
Header Branch Pipes	CZ-P29HK32Q (max. 8 branches) CZ-P64HK32Q (max. 8 branches) CZ-P75HK32Q (max. 8 branches)			
Line Branch Pipes	CZ-P20BK32Q CZ-P29BK32Q CZ-P64BK32Q CZ-P75BK32Q			
Outdoor Unit Multi Connection Piping Kit	CZ-48PJ3PQ			
Central Drain Pan Kit	KWC26B280 x 2 KWC26B450	KWC26B280 KWC26B450 x 2	KWC26B280 KWC26B450 x 2	KWC26B450 x 3

3D040504

3. Capacity Tables

3.1 Cooling Capacity

U-8ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	260	10	19.7	3.21	23.4	3.93	27.2	4.67	29.1	4.77	29.7	4.67	30.4	4.48	31.1	4.28
		12	19.7	3.27	23.4	4.00	27.2	4.76	29.0	4.75	29.3	4.65	30.0	4.45	30.7	4.27
		14	19.7	3.33	23.4	4.08	27.2	4.82	28.6	4.72	28.9	4.62	29.6	4.48	30.4	4.53
		16	19.7	3.39	23.4	4.16	27.2	4.80	28.2	4.70	28.6	4.69	29.3	4.74	30.0	4.78
		18	19.7	3.46	23.4	4.24	27.2	4.90	27.8	4.93	28.2	4.95	28.9	5.00	29.6	5.05
		20	19.7	3.53	23.4	4.46	27.1	5.15	27.4	5.18	27.8	5.20	28.5	5.26	29.2	5.31
		21	19.7	3.58	23.4	4.62	26.9	5.28	27.2	5.31	27.6	5.33	28.3	5.39	29.0	5.44
		23	19.7	3.85	23.4	4.97	26.5	5.53	26.9	5.56	27.2	5.59	27.9	5.65	28.6	5.70
		25	19.7	4.12	23.4	5.33	26.1	5.79	26.5	5.82	26.8	5.85	27.5	5.91	28.3	5.97
		27	19.7	4.41	23.4	5.71	25.7	6.04	26.1	6.07	26.5	6.11	27.2	6.17	27.9	6.23
		29	19.7	4.72	23.4	6.11	25.4	6.30	25.7	6.33	26.1	6.37	26.8	6.43	27.5	6.50
		31	19.7	5.04	23.4	6.48	25.0	6.55	25.3	6.59	25.7	6.63	26.4	6.70	27.1	6.77
		33	19.7	5.38	23.4	6.74	24.6	6.81	25.0	6.85	25.3	6.89	26.0	6.96	26.7	7.04
		35	19.7	5.74	23.4	6.99	24.2	7.07	24.6	7.11	24.9	7.15	25.6	7.23	26.3	7.31
		37	19.7	6.12	23.1	7.25	23.8	7.33	24.2	7.38	24.5	7.42	25.2	7.50	26.0	7.59
		39	19.7	6.52	22.7	7.51	23.4	7.59	23.8	7.64	24.2	7.68	24.9	7.77	25.6	7.86
120	240	10	18.1	2.93	21.6	3.58	25.1	4.26	26.9	4.60	28.6	4.80	29.9	4.62	30.6	4.43
		12	18.1	2.99	21.6	3.65	25.1	4.34	26.9	4.69	28.6	4.77	29.5	4.59	30.2	4.40
		14	18.1	3.04	21.6	3.72	25.1	4.42	26.9	4.78	28.5	4.75	29.1	4.56	29.8	4.49
		16	18.1	3.10	21.6	3.79	25.1	4.51	26.9	4.82	28.1	4.72	28.8	4.71	29.4	4.75
		18	18.1	3.16	21.6	3.87	25.1	4.60	26.9	4.90	27.7	4.92	28.4	4.96	29.0	5.01
		20	18.1	3.22	21.6	3.96	25.1	4.94	26.9	5.15	27.3	5.17	28.0	5.22	28.7	5.27
		21	18.1	3.25	21.6	4.11	25.1	5.13	26.8	5.27	27.2	5.30	27.8	5.35	28.5	5.40
		23	18.1	3.44	21.6	4.41	25.1	5.50	26.4	5.53	26.8	5.55	27.4	5.61	28.1	5.66
		25	18.1	3.68	21.6	4.73	25.1	5.75	26.1	5.78	26.4	5.81	27.0	5.86	27.7	5.92
		27	18.1	3.94	21.6	5.07	25.1	6.01	25.7	6.04	26.0	6.07	26.7	6.12	27.3	6.18
		29	18.1	4.21	21.6	5.43	25.0	6.26	25.3	6.29	25.6	6.32	26.3	6.38	26.9	6.45
		31	18.1	4.49	21.6	5.80	24.6	6.51	24.9	6.55	25.2	6.58	25.9	6.65	26.5	6.71
		33	18.1	4.79	21.6	6.20	24.2	6.77	24.5	6.81	24.9	6.84	25.5	6.91	26.2	6.98
		35	18.1	5.11	21.6	6.61	23.8	7.03	24.1	7.06	24.5	7.10	25.1	7.18	25.8	7.25
		37	18.1	5.44	21.6	7.06	23.4	7.29	23.8	7.32	24.1	7.36	24.7	7.44	25.4	7.52
		39	18.1	5.80	21.6	7.46	23.1	7.55	23.4	7.59	23.7	7.63	24.4	7.71	25.0	7.79
110	220	10	16.6	2.66	19.8	3.24	23.0	3.85	24.6	4.16	26.2	4.48	29.4	4.75	30.0	4.59
		12	16.6	2.71	19.8	3.30	23.0	3.92	24.6	4.24	26.2	4.56	29.0	4.73	29.6	4.56
		14	16.6	2.76	19.8	3.37	23.0	4.00	24.6	4.32	26.2	4.65	28.6	4.70	29.2	4.53
		16	16.6	2.81	19.8	3.43	23.0	4.08	24.6	4.41	26.2	4.74	28.3	4.68	28.9	4.71
		18	16.6	2.86	19.8	3.50	23.0	4.16	24.6	4.49	26.2	4.89	27.9	4.93	28.5	4.97
		20	16.6	2.92	19.8	3.57	23.0	4.34	24.6	4.80	26.2	5.14	27.5	5.18	28.1	5.23
		21	16.6	2.95	19.8	3.63	23.0	4.51	24.6	4.98	26.2	5.27	27.3	5.31	27.9	5.36
		23	16.6	3.06	19.8	3.90	23.0	4.84	24.6	5.35	26.2	5.52	26.9	5.57	27.5	5.61
		25	16.6	3.27	19.8	4.17	23.0	5.19	24.6	5.75	25.9	5.77	26.5	5.82	27.1	5.87
		27	16.6	3.50	19.8	4.47	23.0	5.56	24.6	6.00	25.6	6.02	26.2	6.08	26.8	6.13
		29	16.6	3.73	19.8	4.78	23.0	5.96	24.6	6.25	25.2	6.28	25.8	6.34	26.4	6.39
		31	16.6	3.98	19.8	5.10	23.0	6.37	24.5	6.51	24.8	6.54	25.4	6.60	26.0	6.66
		33	16.6	4.24	19.8	5.45	23.0	6.73	24.1	6.76	24.4	6.79	25.0	6.86	25.6	6.92
		35	16.6	4.52	19.8	5.81	23.0	6.98	23.7	7.02	24.0	7.05	24.6	7.12	25.2	7.19
		37	16.6	4.81	19.8	6.20	23.0	7.24	23.3	7.27	23.6	7.31	24.2	7.38	24.8	7.45
		39	16.6	5.12	19.8	6.61	22.7	7.50	23.0	7.53	23.3	7.57	23.9	7.65	24.5	7.72
100	200	10	15.1	2.40	18.0	2.91	20.9	3.45	22.4	3.73	23.9	4.01	26.8	4.58	29.5	4.74
		12	15.1	2.44	18.0	2.97	20.9	3.52	22.4	3.80	23.9	4.09	26.8	4.67	29.1	4.72
		14	15.1	2.49	18.0	3.02	20.9	3.58	22.4	3.87	23.9	4.16	26.8	4.76	28.7	4.69
		16	15.1	2.53	18.0	3.08	20.9	3.65	22.4	3.95	23.9	4.24	26.8	4.82	28.3	4.68
		18	15.1	2.58	18.0	3.14	20.9	3.72	22.4	4.02	23.9	4.33	26.8	4.90	27.9	4.93
		20	15.1	2.63	18.0	3.20	20.9	3.80	22.4	4.17	23.9	4.57	26.8	5.15	27.5	5.19
		21	15.1	2.65	18.0	3.23	20.9	3.92	22.4	4.32	23.9	4.74	26.8	5.27	27.4	5.31
		23	15.1	2.71	18.0	3.41	20.9	4.21	22.4	4.64	23.9	5.10	26.4	5.53	27.0	5.57
		25	15.1	2.88	18.0	3.65	20.9	4.51	22.4	4.98	23.9	5.47	26.0	5.78	26.6	5.83
		27	15.1	3.08	18.0	3.91	20.9	4.83	22.4	5.34	23.9	5.86	25.7	6.03	26.2	6.08
		29	15.1	3.28	18.0	4.17	20.9	5.17	22.4	5.71	23.9	6.24	25.3	6.29	25.8	6.34
		31	15.1	3.50	18.0	4.45	20.9	5.53	22.4	6.11	23.9	6.49	24.9	6.55	25.4	6.60
		33	15.1	3.73	18.0	4.75	20.9	5.90	22.4	6.53	23.9	6.75	24.5	6.80	25.1	6.86
		35	15.1	3.97	18.0	5.06	20.9	6.30	22.4	6.97	23.6	7.00	24.1	7.06	24.7	7.12
		37	15.1	4.22	18.0	5.40	20.9	6.72	22.4	7.22	23.2	7.26	23.7	7.32	24.3	7.39
		39	15.1	4.49	18.0	5.75	20.9	7.17	22.4	7.48	22.8	7.52	23.4	7.58	23.9	7.65

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	180	10	13.6	2.15	16.2	2.59	18.8	3.06	20.2	3.30	21.5	3.55	24.1	4.06	26.7	4.57
		12	13.6	2.19	16.2	2.64	18.8	3.12	20.2	3.36	21.5	3.62	24.1	4.13	26.7	4.66
		14	13.6	2.22	16.2	2.69	18.8	3.18	20.2	3.43	21.5	3.69	24.1	4.21	26.7	4.75
		16	13.6	2.26	16.2	2.74	18.8	3.24	20.2	3.49	21.5	3.76	24.1	4.29	26.7	4.82
		18	13.6	2.30	16.2	2.79	18.8	3.30	20.2	3.56	21.5	3.83	24.1	4.38	26.7	4.89
		20	13.6	2.35	16.2	2.84	18.8	3.37	20.2	3.63	21.5	3.92	24.1	4.64	26.7	5.15
		21	13.6	2.37	16.2	2.87	18.8	3.40	20.2	3.71	21.5	4.07	24.1	4.81	26.7	5.27
		23	13.6	2.41	16.2	2.96	18.8	3.63	20.2	3.99	21.5	4.37	24.1	5.17	26.4	5.52
		25	13.6	2.52	16.2	3.16	18.8	3.88	20.2	4.27	21.5	4.68	24.1	5.55	26.0	5.78
		27	13.6	2.69	16.2	3.38	18.8	4.16	20.2	4.57	21.5	5.01	24.1	5.95	25.6	6.03
		29	13.6	2.87	16.2	3.61	18.8	4.44	20.2	4.89	21.5	5.36	24.1	6.24	25.3	6.29
		31	13.6	3.05	16.2	3.85	18.8	4.74	20.2	5.23	21.5	5.73	24.1	6.50	24.9	6.54
		33	13.6	3.25	16.2	4.10	18.8	5.06	20.2	5.58	21.5	6.13	24.0	6.75	24.5	6.80
		35	13.6	3.45	16.2	4.37	18.8	5.40	20.2	5.95	21.5	6.54	23.6	7.01	24.1	7.06
		37	13.6	3.67	16.2	4.65	18.8	5.75	20.2	6.35	21.5	6.98	23.2	7.26	23.7	7.32
		39	13.6	3.90	16.2	4.95	18.8	6.13	20.2	6.77	21.5	7.44	22.9	7.52	23.4	7.58
80	160	10	12.1	1.91	14.4	2.29	16.8	2.69	17.9	2.89	19.1	3.10	21.4	3.54	23.7	3.99
		12	12.1	1.94	14.4	2.32	16.8	2.73	17.9	2.95	19.1	3.16	21.4	3.61	23.7	4.06
		14	12.1	1.97	14.4	2.37	16.8	2.78	17.9	3.00	19.1	3.22	21.4	3.68	23.7	4.14
		16	12.1	2.00	14.4	2.41	16.8	2.84	17.9	3.06	19.1	3.28	21.4	3.75	23.7	4.22
		18	12.1	2.04	14.4	2.45	16.8	2.89	17.9	3.12	19.1	3.35	21.4	3.82	23.7	4.31
		20	12.1	2.08	14.4	2.50	16.8	2.95	17.9	3.18	19.1	3.41	21.4	3.91	23.7	4.54
		21	12.1	2.09	14.4	2.52	16.8	2.97	17.9	3.21	19.1	3.45	21.4	4.05	23.7	4.71
		23	12.1	2.13	14.4	2.57	16.8	3.09	17.9	3.38	19.1	3.69	21.4	4.35	23.7	5.06
		25	12.1	2.18	14.4	2.71	16.8	3.30	17.9	3.62	19.1	3.95	21.4	4.66	23.7	5.43
		27	12.1	2.33	14.4	2.90	16.8	3.53	17.9	3.87	19.1	4.23	21.4	4.99	23.7	5.82
		29	12.1	2.48	14.4	3.09	16.8	3.77	17.9	4.14	19.1	4.52	21.4	5.34	23.7	6.24
		31	12.1	2.64	14.4	3.29	16.8	4.02	17.9	4.42	19.1	4.83	21.4	5.71	23.7	6.49
		33	12.1	2.80	14.4	3.50	16.8	4.29	17.9	4.71	19.1	5.15	21.4	6.10	23.7	6.74
		35	12.1	2.97	14.4	3.73	16.8	4.57	17.9	5.02	19.1	5.50	21.4	6.51	23.6	7.00
		37	12.1	3.16	14.4	3.96	16.8	4.86	17.9	5.35	19.1	5.86	21.4	6.95	23.2	7.25
		39	12.1	3.35	14.4	4.21	16.8	5.18	17.9	5.70	19.1	6.24	21.4	7.41	22.8	7.51
70	140	10	10.6	1.68	12.6	1.99	14.7	2.32	15.7	2.50	16.7	2.68	18.7	3.04	20.8	3.42
		12	10.6	1.70	12.6	2.02	14.7	2.36	15.7	2.54	16.7	2.72	18.7	3.10	20.8	3.48
		14	10.6	1.73	12.6	2.06	14.7	2.41	15.7	2.59	16.7	2.77	18.7	3.15	20.8	3.55
		16	10.6	1.76	12.6	2.09	14.7	2.45	15.7	2.64	16.7	2.82	18.7	3.22	20.8	3.62
		18	10.6	1.79	12.6	2.13	14.7	2.50	15.7	2.68	16.7	2.88	18.7	3.28	20.8	3.69
		20	10.6	1.82	12.6	2.17	14.7	2.54	15.7	2.74	16.7	2.93	18.7	3.34	20.8	3.76
		21	10.6	1.83	12.6	2.19	14.7	2.57	15.7	2.76	16.7	2.96	18.7	3.38	20.8	3.88
		23	10.6	1.86	12.6	2.23	14.7	2.62	15.7	2.83	16.7	3.07	18.7	3.60	20.8	4.16
		25	10.6	1.90	12.6	2.30	14.7	2.77	15.7	3.02	16.7	3.29	18.7	3.85	20.8	4.46
		27	10.6	1.99	12.6	2.45	14.7	2.96	15.7	3.23	16.7	3.52	18.7	4.12	20.8	4.78
		29	10.6	2.12	12.6	2.61	14.7	3.15	15.7	3.45	16.7	3.75	18.7	4.41	20.8	5.11
		31	10.6	2.25	12.6	2.78	14.7	3.36	15.7	3.68	16.7	4.00	18.7	4.70	20.8	5.46
		33	10.6	2.39	12.6	2.95	14.7	3.58	15.7	3.92	16.7	4.27	18.7	5.02	20.8	5.83
		35	10.6	2.53	12.6	3.14	14.7	3.81	15.7	4.17	16.7	4.55	18.7	5.35	20.8	6.23
		37	10.6	2.69	12.6	3.33	14.7	4.05	15.7	4.44	16.7	4.84	18.7	5.71	20.8	6.64
		39	10.6	2.84	12.6	3.54	14.7	4.30	15.7	4.72	16.7	5.15	18.7	6.08	20.8	7.08
60	120	10	9.07	1.46	10.8	1.71	12.6	1.98	13.4	2.12	14.3	2.27	16.1	2.56	17.8	2.87
		12	9.07	1.48	10.8	1.74	12.6	2.02	13.4	2.16	14.3	2.31	16.1	2.61	17.8	2.92
		14	9.07	1.50	10.8	1.77	12.6	2.05	13.4	2.20	14.3	2.35	16.1	2.66	17.8	2.98
		16	9.07	1.52	10.8	1.80	12.6	2.08	13.4	2.23	14.3	2.39	16.1	2.71	17.8	3.04
		18	9.07	1.55	10.8	1.83	12.6	2.12	13.4	2.27	14.3	2.43	16.1	2.76	17.8	3.09
		20	9.07	1.57	10.8	1.86	12.6	2.16	13.4	2.32	14.3	2.48	16.1	2.81	17.8	3.15
		21	9.07	1.58	10.8	1.87	12.6	2.18	13.4	2.34	14.3	2.50	16.1	2.84	17.8	3.19
		23	9.07	1.61	10.8	1.91	12.6	2.22	13.4	2.38	14.3	2.55	16.1	2.92	17.8	3.35
		25	9.07	1.64	10.8	1.94	12.6	2.29	13.4	2.48	14.3	2.69	16.1	3.12	17.8	3.59
		27	9.07	1.69	10.8	2.04	12.6	2.44	13.4	2.65	14.3	2.87	16.1	3.34	17.8	3.84
		29	9.07	1.79	10.8	2.17	12.6	2.60	13.4	2.82	14.3	3.06	16.1	3.56	17.8	4.10
		31	9.07	1.90	10.8	2.31	12.6	2.76	13.4	3.00	14.3	3.26	16.1	3.80	17.8	4.38
		33	9.07	2.01	10.8	2.45	12.6	2.94	13.4	3.20	14.3	3.47	16.1	4.05	17.8	4.67
		35	9.07	2.13	10.8	2.60	12.6	3.12	13.4	3.40	14.3	3.69	16.1	4.31	17.8	4.98
		37	9.07	2.25	10.8	2.76	12.6	3.31	13.4	3.61	14.3	3.92	16.1	4.59	17.8	5.30
		39	9.07	2.38	10.8	2.92	12.6	3.52	13.4	3.83	14.3	4.17	16.1	4.88	17.8	5.65

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	100	10	7.56	1.25	9.02	1.45	10.5	1.66	11.2	1.77	11.9	1.88	13.4	2.11	14.8	2.36
		12	7.56	1.27	9.02	1.47	10.5	1.69	11.2	1.80	11.9	1.91	13.4	2.15	14.8	2.40
		14	7.56	1.29	9.02	1.49	10.5	1.71	11.2	1.83	11.9	1.94	13.4	2.19	14.8	2.44
		16	7.56	1.31	9.02	1.52	10.5	1.74	11.2	1.86	11.9	1.98	13.4	2.22	14.8	2.48
		18	7.56	1.32	9.02	1.54	10.5	1.77	11.2	1.89	11.9	2.01	13.4	2.26	14.8	2.53
		20	7.56	1.34	9.02	1.56	10.5	1.80	11.2	1.92	11.9	2.05	13.4	2.31	14.8	2.58
		21	7.56	1.35	9.02	1.58	10.5	1.81	11.2	1.94	11.9	2.06	13.4	2.33	14.8	2.60
		23	7.56	1.37	9.02	1.60	10.5	1.85	11.2	1.97	11.9	2.10	13.4	2.37	14.8	2.65
		25	7.56	1.39	9.02	1.63	10.5	1.88	11.2	2.01	11.9	2.15	13.4	2.47	14.8	2.81
		27	7.56	1.42	9.02	1.68	10.5	1.97	11.2	2.13	11.9	2.29	13.4	2.63	14.8	3.01
		29	7.56	1.49	9.02	1.78	10.5	2.09	11.2	2.26	11.9	2.44	13.4	2.81	14.8	3.21
		31	7.56	1.58	9.02	1.89	10.5	2.22	11.2	2.40	11.9	2.59	13.4	2.99	14.8	3.42
		33	7.56	1.67	9.02	2.00	10.5	2.36	11.2	2.55	11.9	2.75	13.4	3.18	14.8	3.64
		35	7.56	1.76	9.02	2.12	10.5	2.50	11.2	2.71	11.9	2.92	13.4	3.38	14.8	3.87
		37	7.56	1.86	9.02	2.24	10.5	2.65	11.2	2.87	11.9	3.10	13.4	3.59	14.8	4.12
		39	7.56	1.97	9.02	2.37	10.5	2.81	11.2	3.05	11.9	3.29	13.4	3.81	14.8	4.38

U-10ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130	325	10	24.6	4.14	29.3	5.07	34.0	6.03	36.4	6.16	37.1	6.04	38.0	5.78	38.9	5.52
		12	24.6	4.22	29.3	5.17	34.0	6.15	36.2	6.13	36.7	6.00	37.5	5.74	38.4	5.65
		14	24.6	4.30	29.3	5.27	34.0	6.23	35.7	6.10	36.2	5.97	37.1	5.92	37.9	5.97
		16	24.6	4.38	29.3	5.37	34.0	6.19	35.3	6.15	35.7	6.18	36.6	6.24	37.5	6.30
		18	24.6	4.47	29.3	5.48	34.0	6.43	34.8	6.46	35.2	6.50	36.1	6.56	37.0	6.62
		20	24.6	4.56	29.3	5.83	33.9	6.75	34.3	6.78	34.7	6.81	35.6	6.88	36.5	6.95
		21	24.6	4.69	29.3	6.04	33.6	6.90	34.1	6.94	34.5	6.97	35.4	7.04	36.3	7.11
		23	24.6	5.02	29.3	6.48	33.1	7.22	33.6	7.25	34.0	7.29	34.9	7.36	35.8	7.44
		25	24.6	5.36	29.3	6.94	32.7	7.53	33.1	7.57	33.5	7.61	34.4	7.69	35.3	7.77
		27	24.6	5.73	29.3	7.42	32.2	7.85	32.6	7.89	33.1	7.93	34.0	8.02	34.8	8.10
		29	24.6	6.12	29.3	7.93	31.7	8.17	32.1	8.21	32.6	8.26	33.5	8.34	34.4	8.43
		31	24.6	6.52	29.3	8.40	31.2	8.49	31.7	8.53	32.1	8.58	33.0	8.67	33.9	8.77
		33	24.6	6.95	29.3	8.71	30.7	8.81	31.2	8.86	31.6	8.91	32.5	9.01	33.4	9.10
		35	24.6	7.41	29.3	9.03	30.3	9.13	30.7	9.18	31.2	9.24	32.0	9.34	32.9	9.44
		37	24.6	7.89	28.9	9.35	29.8	9.46	30.2	9.51	30.7	9.57	31.6	9.67	32.4	9.78
		39	24.6	8.40	28.4	9.67	29.3	9.78	29.8	9.84	30.2	9.90	31.1	10.0	32.0	10.1
120	300	10	22.7	3.79	27.0	4.63	31.4	5.50	33.6	5.95	35.8	6.19	37.4	5.96	38.2	5.73
		12	22.7	3.86	27.0	4.71	31.4	5.60	33.6	6.06	35.8	6.16	36.9	5.93	37.7	5.69
		14	22.7	3.93	27.0	4.80	31.4	5.71	33.6	6.17	35.6	6.13	36.4	5.89	37.3	5.93
		16	22.7	4.00	27.0	4.90	31.4	5.82	33.6	6.22	35.1	6.14	36.0	6.20	36.8	6.25
		18	22.7	4.08	27.0	4.99	31.4	6.02	33.6	6.43	34.7	6.46	35.5	6.51	36.3	6.57
		20	22.7	4.16	27.0	5.19	31.4	6.47	33.6	6.74	34.2	6.77	35.0	6.83	35.8	6.89
		21	22.7	4.20	27.0	5.37	31.4	6.71	33.5	6.90	33.9	6.93	34.8	6.99	35.6	7.06
		23	22.7	4.49	27.0	5.76	31.4	7.18	33.1	7.21	33.5	7.24	34.3	7.31	35.1	7.38
		25	22.7	4.79	27.0	6.16	31.4	7.49	32.6	7.53	33.0	7.56	33.8	7.63	34.6	7.71
		27	22.7	5.12	27.0	6.59	31.4	7.80	32.1	7.84	32.5	7.88	33.3	7.96	34.1	8.03
		29	22.7	5.46	27.0	7.04	31.2	8.12	31.6	8.16	32.0	8.20	32.8	8.28	33.7	8.36
		31	22.7	5.82	27.0	7.51	30.7	8.44	31.1	8.48	31.6	8.52	32.4	8.61	33.2	8.69
		33	22.7	6.20	27.0	8.01	30.3	8.76	30.7	8.80	31.1	8.85	31.9	8.94	32.7	9.03
		35	22.7	6.60	27.0	8.54	29.8	9.07	30.2	9.12	30.6	9.17	31.4	9.27	32.2	9.36
		37	22.7	7.02	27.0	9.10	29.3	9.40	29.7	9.45	30.1	9.50	30.9	9.60	31.8	9.70
		39	22.7	7.47	27.0	9.61	28.8	9.72	29.2	9.77	29.6	9.82	30.5	9.93	31.3	10.0
110	275	10	20.8	3.44	24.8	4.19	28.8	4.97	30.8	5.37	32.8	5.78	36.8	6.14	37.5	5.93
		12	20.8	3.50	24.8	4.26	28.8	5.07	30.8	5.48	32.8	5.89	36.3	6.11	37.0	5.89
		14	20.8	3.56	24.8	4.35	28.8	5.16	30.8	5.58	32.8	6.00	35.8	6.07	36.6	5.89
		16	20.8	3.63	24.8	4.43	28.8	5.26	30.8	5.69	32.8	6.12	35.3	6.16	36.1	6.21
		18	20.8	3.70	24.8	4.52	28.8	5.37	30.8	5.85	32.8	6.42	34.9	6.47	35.6	6.52
		20	20.8	3.77	24.8	4.61	28.8	5.69	30.8	6.28	32.8	6.73	34.4	6.79	35.1	6.84
		21	20.8	3.81	24.8	4.75	28.8	5.89	30.8	6.51	32.8	6.88	34.1	6.94	34.9	7.00
		23	20.8	3.99	24.8	5.08	28.8	6.31	30.8	6.98	32.8	7.20	33.7	7.26	34.4	7.32
		25	20.8	4.26	24.8	5.43	28.8	6.76	30.8	7.48	32.4	7.51	33.2	7.58	33.9	7.65
		27	20.8	4.54	24.8	5.81	28.8	7.23	30.8	7.79	31.9	7.83	32.7	7.90	33.4	7.97
		29	20.8	4.84	24.8	6.20	28.8	7.73	30.8	8.11	31.5	8.15	32.2	8.22	33.0	8.29
		31	20.8	5.15	24.8	6.61	28.8	8.25	30.6	8.42	31.0	8.46	31.7	8.54	32.5	8.62
		33	20.8	5.49	24.8	7.05	28.8	8.70	30.1	8.74	30.5	8.78	31.3	8.87	32.0	8.95
		35	20.8	5.84	24.8	7.51	28.8	9.02	29.7	9.06	30.0	9.10	30.8	9.19	31.5	9.28
		37	20.8	6.21	24.8	7.99	28.8	9.34	29.2	9.38	29.6	9.43	30.3	9.52	31.1	9.61
		39	20.8	6.60	24.8	8.51	28.3	9.65	28.7	9.70	29.1	9.75	29.8	9.85	30.6	9.95
100	250	10	18.9	3.10	22.5	3.76	26.2	4.46	28.0	4.81	29.8	5.18	33.5	5.92	36.8	6.12
		12	18.9	3.16	22.5	3.83	26.2	4.54	28.0	4.90	29.8	5.28	33.5	6.03	36.3	6.09
		14	18.9	3.21	22.5	3.90	26.2	4.63	28.0	5.00	29.8	5.38	33.5	6.14	35.9	6.06
		16	18.9	3.27	22.5	3.97	26.2	4.71	28.0	5.10	29.8	5.48	33.5	6.23	35.4	6.16
		18	18.9	3.33	22.5	4.05	26.2	4.81	28.0	5.20	29.8	5.59	33.5	6.43	34.9	6.47
		20	18.9	3.39	22.5	4.13	26.2	4.95	28.0	5.46	29.8	5.99	33.5	6.74	34.4	6.79
		21	18.9	3.43	22.5	4.17	26.2	5.13	28.0	5.65	29.8	6.20	33.5	6.89	34.2	6.95
		23	18.9	3.52	22.5	4.45	26.2	5.49	28.0	6.06	29.8	6.65	33.0	7.21	33.7	7.27
		25	18.9	3.75	22.5	4.75	26.2	5.88	28.0	6.49	29.8	7.12	32.6	7.52	33.2	7.58
		27	18.9	4.00	22.5	5.07	26.2	6.28	28.0	6.93	29.8	7.62	32.1	7.84	32.8	7.90
		29	18.9	4.26	22.5	5.41	26.2	6.71	28.0	7.41	29.8	8.09	31.6	8.16	32.3	8.23
		31	18.9	4.53	22.5	5.77	26.2	7.16	28.0	7.91	29.8	8.41	31.1	8.48	31.8	8.55
		33	18.9	4.82	22.5	6.14	26.2	7.63	28.0	8.44	29.8	8.72	30.6	8.80	31.3	8.87
		35	18.9	5.12	22.5	6.54	26.2	8.14	28.0	9.00	29.5	9.04	30.2	9.12	30.8	9.20
		37	18.9	5.44	22.5	6.96	26.2	8.67	28.0	9.32	29.0	9.36	29.7	9.44	30.4	9.53
		39	18.9	5.78	22.5	7.40	26.2	9.23	28.0	9.64	28.5	9.68	29.2	9.77	29.9	9.86

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	225	10	17.0	2.78	20.3	3.35	23.6	3.95	25.2	4.27	26.8	4.58	30.1	5.24	33.4	5.90
		12	17.0	2.82	20.3	3.41	23.6	4.03	25.2	4.35	26.8	4.67	30.1	5.34	33.4	6.01
		14	17.0	2.87	20.3	3.47	23.6	4.10	25.2	4.43	26.8	4.76	30.1	5.44	33.4	6.13
		16	17.0	2.92	20.3	3.53	23.6	4.18	25.2	4.51	26.8	4.85	30.1	5.54	33.4	6.23
		18	17.0	2.97	20.3	3.60	23.6	4.26	25.2	4.60	26.8	4.95	30.1	5.65	33.4	6.42
		20	17.0	3.03	20.3	3.67	23.6	4.35	25.2	4.69	26.8	5.13	30.1	6.08	33.4	6.74
		21	17.0	3.06	20.3	3.71	23.6	4.42	25.2	4.86	26.8	5.32	30.1	6.30	33.4	6.89
		23	17.0	3.12	20.3	3.86	23.6	4.73	25.2	5.20	26.8	5.69	30.1	6.75	33.0	7.21
		25	17.0	3.28	20.3	4.12	23.6	5.06	25.2	5.56	26.8	6.09	30.1	7.23	32.5	7.52
		27	17.0	3.49	20.3	4.39	23.6	5.40	25.2	5.94	26.8	6.51	30.1	7.74	32.1	7.84
		29	17.0	3.72	20.3	4.68	23.6	5.76	25.2	6.35	26.8	6.96	30.1	8.10	31.6	8.16
		31	17.0	3.95	20.3	4.99	23.6	6.14	25.2	6.77	26.8	7.43	30.1	8.41	31.1	8.48
		33	17.0	4.20	20.3	5.30	23.6	6.55	25.2	7.22	26.8	7.92	30.0	8.73	30.6	8.80
		35	17.0	4.46	20.3	5.64	23.6	6.97	25.2	7.69	26.8	8.44	29.5	9.05	30.1	9.12
		37	17.0	4.73	20.3	6.00	23.6	7.42	25.2	8.19	26.8	9.00	29.1	9.37	29.7	9.44
		39	17.0	5.02	20.3	6.37	23.6	7.90	25.2	8.72	26.8	9.59	28.6	9.69	29.2	9.77
80	200	10	15.1	2.46	18.0	2.95	20.9	3.47	22.4	3.74	23.9	4.01	26.8	4.57	29.7	5.15
		12	15.1	2.50	18.0	3.00	20.9	3.53	22.4	3.80	23.9	4.08	26.8	4.66	29.7	5.25
		14	15.1	2.55	18.0	3.05	20.9	3.59	22.4	3.87	23.9	4.16	26.8	4.75	29.7	5.35
		16	15.1	2.59	18.0	3.11	20.9	3.66	22.4	3.95	23.9	4.24	26.8	4.84	29.7	5.45
		18	15.1	2.63	18.0	3.17	20.9	3.73	22.4	4.02	23.9	4.32	26.8	4.93	29.7	5.56
		20	15.1	2.68	18.0	3.23	20.9	3.80	22.4	4.10	23.9	4.41	26.8	5.11	29.7	5.95
		21	15.1	2.70	18.0	3.26	20.9	3.84	22.4	4.14	23.9	4.50	26.8	5.30	29.7	6.16
		23	15.1	2.75	18.0	3.32	20.9	4.03	22.4	4.41	23.9	4.81	26.8	5.67	29.7	6.61
		25	15.1	2.84	18.0	3.53	20.9	4.30	22.4	4.71	23.9	5.15	26.8	6.07	29.7	7.07
		27	15.1	3.02	18.0	3.76	20.9	4.59	22.4	5.03	23.9	5.50	26.8	6.49	29.7	7.57
		29	15.1	3.21	18.0	4.01	20.9	4.89	22.4	5.37	23.9	5.87	26.8	6.93	29.7	8.09
		31	15.1	3.41	18.0	4.26	20.9	5.21	22.4	5.72	23.9	6.25	26.8	7.40	29.7	8.40
		33	15.1	3.62	18.0	4.53	20.9	5.54	22.4	6.09	23.9	6.66	26.8	7.89	29.7	8.72
		35	15.1	3.84	18.0	4.81	20.9	5.90	22.4	6.48	23.9	7.10	26.8	8.41	29.5	9.04
		37	15.1	4.07	18.0	5.11	20.9	6.27	22.4	6.90	23.9	7.56	26.8	8.96	29.0	9.36
		39	15.1	4.31	18.0	5.42	20.9	6.67	22.4	7.34	23.9	8.04	26.8	9.55	28.5	9.68
70	175	10	13.2	2.17	15.8	2.57	18.3	3.00	19.6	3.23	20.9	3.45	23.4	3.93	26.0	4.42
		12	13.2	2.20	15.8	2.61	18.3	3.05	19.6	3.28	20.9	3.52	23.4	4.00	26.0	4.50
		14	13.2	2.23	15.8	2.66	18.3	3.11	19.6	3.34	20.9	3.58	23.4	4.07	26.0	4.58
		16	13.2	2.27	15.8	2.70	18.3	3.16	19.6	3.40	20.9	3.65	23.4	4.15	26.0	4.67
		18	13.2	2.31	15.8	2.75	18.3	3.22	19.6	3.47	20.9	3.72	23.4	4.23	26.0	4.76
		20	13.2	2.35	15.8	2.80	18.3	3.28	19.6	3.53	20.9	3.79	23.4	4.32	26.0	4.90
		21	13.2	2.37	15.8	2.83	18.3	3.31	19.6	3.57	20.9	3.83	23.4	4.38	26.0	5.07
		23	13.2	2.41	15.8	2.88	18.3	3.38	19.6	3.69	20.9	4.01	23.4	4.69	26.0	5.43
		25	13.2	2.45	15.8	2.99	18.3	3.61	19.6	3.94	20.9	4.28	23.4	5.02	26.0	5.81
		27	13.2	2.59	15.8	3.18	18.3	3.84	19.6	4.20	20.9	4.57	23.4	5.36	26.0	6.21
		29	13.2	2.75	15.8	3.39	18.3	4.09	19.6	4.47	20.9	4.87	23.4	5.71	26.0	6.63
		31	13.2	2.91	15.8	3.60	18.3	4.35	19.6	4.76	20.9	5.18	23.4	6.09	26.0	7.07
		33	13.2	3.09	15.8	3.82	18.3	4.63	19.6	5.06	20.9	5.52	23.4	6.49	26.0	7.54
		35	13.2	3.27	15.8	4.05	18.3	4.92	19.6	5.38	20.9	5.87	23.4	6.91	26.0	8.04
		37	13.2	3.46	15.8	4.30	18.3	5.22	19.6	5.72	20.9	6.24	23.4	7.36	26.0	8.57
		39	13.2	3.66	15.8	4.55	18.3	5.54	19.6	6.08	20.9	6.64	23.4	7.83	26.0	9.12
60	150	10	11.3	1.88	13.5	2.21	15.7	2.56	16.8	2.74	17.9	2.93	20.1	3.31	22.3	3.71
		12	11.3	1.91	13.5	2.25	15.7	2.60	16.8	2.79	17.9	2.98	20.1	3.37	22.3	3.78
		14	11.3	1.94	13.5	2.28	15.7	2.65	16.8	2.84	17.9	3.03	20.1	3.43	22.3	3.85
		16	11.3	1.97	13.5	2.32	15.7	2.69	16.8	2.88	17.9	3.08	20.1	3.49	22.3	3.92
		18	11.3	2.00	13.5	2.36	15.7	2.74	16.8	2.94	17.9	3.14	20.1	3.56	22.3	4.00
		20	11.3	2.03	13.5	2.40	15.7	2.79	16.8	2.99	17.9	3.20	20.1	3.63	22.3	4.07
		21	11.3	2.05	13.5	2.42	15.7	2.81	16.8	3.02	17.9	3.23	20.1	3.66	22.3	4.11
		23	11.3	2.08	13.5	2.46	15.7	2.87	16.8	3.08	17.9	3.29	20.1	3.81	22.3	4.37
		25	11.3	2.11	13.5	2.50	15.7	2.98	16.8	3.23	17.9	3.50	20.1	4.06	22.3	4.67
		27	11.3	2.19	13.5	2.66	15.7	3.17	16.8	3.44	17.9	3.73	20.1	4.33	22.3	4.99
		29	11.3	2.32	13.5	2.82	15.7	3.37	16.8	3.66	17.9	3.97	20.1	4.62	22.3	5.32
		31	11.3	2.46	13.5	2.99	15.7	3.58	16.8	3.89	17.9	4.22	20.1	4.92	22.3	5.67
		33	11.3	2.60	13.5	3.17	15.7	3.80	16.8	4.13	17.9	4.48	20.1	5.23	22.3	6.04
		35	11.3	2.75	13.5	3.36	15.7	4.03	16.8	4.39	17.9	4.76	20.1	5.56	22.3	6.43
		37	11.3	2.91	13.5	3.55	15.7	4.27	16.8	4.66	17.9	5.06	20.1	5.91	22.3	6.84
		39	11.3	3.07	13.5	3.76	15.7	4.53	16.8	4.94	17.9	5.37	20.1	6.28	22.3	7.27

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	125	10	9.45	1.62	11.3	1.87	13.1	2.15	14.0	2.29	14.9	2.43	16.7	2.73	18.6	3.04
		12	9.45	1.64	11.3	1.90	13.1	2.18	14.0	2.32	14.9	2.47	16.7	2.78	18.6	3.09
		14	9.45	1.66	11.3	1.93	13.1	2.21	14.0	2.36	14.9	2.51	16.7	2.82	18.6	3.15
		16	9.45	1.69	11.3	1.96	13.1	2.25	14.0	2.40	14.9	2.55	16.7	2.87	18.6	3.21
		18	9.45	1.71	11.3	1.99	13.1	2.28	14.0	2.44	14.9	2.60	16.7	2.92	18.6	3.26
		20	9.45	1.73	11.3	2.02	13.1	2.32	14.0	2.48	14.9	2.64	16.7	2.98	18.6	3.33
		21	9.45	1.75	11.3	2.03	13.1	2.34	14.0	2.50	14.9	2.67	16.7	3.01	18.6	3.36
		23	9.45	1.77	11.3	2.07	13.1	2.38	14.0	2.55	14.9	2.71	16.7	3.06	18.6	3.44
		25	9.45	1.80	11.3	2.10	13.1	2.43	14.0	2.60	14.9	2.80	16.7	3.22	18.6	3.66
		27	9.45	1.83	11.3	2.18	13.1	2.56	14.0	2.76	14.9	2.98	16.7	3.42	18.6	3.91
		29	9.45	1.93	11.3	2.31	13.1	2.72	14.0	2.93	14.9	3.16	16.7	3.64	18.6	4.16
		31	9.45	2.04	11.3	2.44	13.1	2.88	14.0	3.11	14.9	3.36	16.7	3.87	18.6	4.42
		33	9.45	2.16	11.3	2.58	13.1	3.05	14.0	3.30	14.9	3.56	16.7	4.11	18.6	4.70
		35	9.45	2.28	11.3	2.73	13.1	3.23	14.0	3.50	14.9	3.78	16.7	4.36	18.6	5.00
		37	9.45	2.40	11.3	2.89	13.1	3.42	14.0	3.71	14.9	4.00	16.7	4.63	18.6	5.31
		39	9.45	2.53	11.3	3.05	13.1	3.62	14.0	3.92	14.9	4.24	16.7	4.91	18.6	5.64

U-12ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	390	10	29.4	4.86	35.1	5.95	40.7	7.07	43.6	7.22	44.4	7.07	45.5	6.78	46.5	6.47
		12	29.4	4.95	35.1	6.06	40.7	7.21	43.3	7.18	43.9	7.04	44.9	6.73	46.0	6.63
		14	29.4	5.04	35.1	6.17	40.7	7.30	42.8	7.15	43.3	6.99	44.3	6.94	45.4	7.00
		16	29.4	5.14	35.1	6.30	40.7	7.26	42.2	7.21	42.7	7.24	43.8	7.31	44.8	7.38
		18	29.4	5.24	35.1	6.42	40.7	7.54	41.6	7.58	42.1	7.61	43.2	7.69	44.3	7.76
		20	29.4	5.34	35.1	6.84	40.5	7.91	41.0	7.95	41.6	7.99	42.6	8.06	43.7	8.14
		21	29.4	5.49	35.1	7.08	40.2	8.09	40.7	8.13	41.3	8.17	42.3	8.25	43.4	8.33
		23	29.4	5.88	35.1	7.59	39.6	8.46	40.2	8.50	40.7	8.55	41.8	8.63	42.8	8.72
		25	29.4	6.29	35.1	8.13	39.1	8.83	39.6	8.88	40.1	8.92	41.2	9.01	42.3	9.11
		27	29.4	6.72	35.1	8.70	38.5	9.20	39.0	9.25	39.6	9.30	40.6	9.40	41.7	9.49
		29	29.4	7.17	35.1	9.30	37.9	9.58	38.5	9.63	39.0	9.68	40.0	9.78	41.1	9.88
		31	29.4	7.65	35.1	9.84	37.4	9.95	37.9	10.0	38.4	10.1	39.5	10.2	40.5	10.3
		33	29.4	8.15	35.1	10.2	36.8	10.3	37.3	10.4	37.8	10.4	38.9	10.6	40.0	10.7
		35	29.4	8.68	35.1	10.6	36.2	10.7	36.7	10.8	37.3	10.8	38.3	10.9	39.4	11.1
		37	29.4	9.25	34.6	11.0	35.6	11.1	36.2	11.1	36.7	11.2	37.8	11.3	38.8	11.5
		39	29.4	9.84	34.0	11.3	35.1	11.5	35.6	11.5	36.1	11.6	37.2	11.7	38.2	11.9
120	360	10	27.1	4.44	32.4	5.42	37.6	6.45	40.2	6.97	42.8	7.26	44.7	6.99	45.7	6.71
		12	27.1	4.52	32.4	5.52	37.6	6.57	40.2	7.10	42.8	7.22	44.2	6.95	45.1	6.66
		14	27.1	4.60	32.4	5.63	37.6	6.69	40.2	7.24	42.6	7.19	43.6	6.90	44.6	6.95
		16	27.1	4.69	32.4	5.74	37.6	6.83	40.2	7.29	42.0	7.20	43.0	7.26	44.0	7.33
		18	27.1	4.78	32.4	5.85	37.6	7.06	40.2	7.53	41.5	7.57	42.4	7.64	43.4	7.70
		20	27.1	4.88	32.4	6.08	37.6	7.59	40.2	7.90	40.9	7.94	41.9	8.01	42.9	8.08
		21	27.1	4.92	32.4	6.30	37.6	7.86	40.1	8.08	40.6	8.12	41.6	8.20	42.6	8.27
		23	27.1	5.26	32.4	6.75	37.6	8.41	39.5	8.45	40.0	8.49	41.0	8.57	42.0	8.65
		25	27.1	5.62	32.4	7.22	37.6	8.78	39.0	8.82	39.5	8.86	40.4	8.95	41.4	9.03
		27	27.1	6.00	32.4	7.72	37.6	9.15	38.4	9.19	38.9	9.24	39.9	9.33	40.8	9.42
		29	27.1	6.40	32.4	8.25	37.3	9.52	37.8	9.57	38.3	9.61	39.3	9.71	40.3	9.80
		31	27.1	6.82	32.4	8.80	36.8	9.89	37.3	9.94	37.7	9.99	38.7	10.1	39.7	10.2
		33	27.1	7.26	32.4	9.39	36.2	10.3	36.7	10.3	37.2	10.4	38.2	10.5	39.1	10.6
		35	27.1	7.73	32.4	10.0	35.6	10.6	36.1	10.7	36.6	10.7	37.6	10.9	38.6	11.0
		37	27.1	8.23	32.4	10.7	35.1	11.0	35.5	11.1	36.0	11.1	37.0	11.2	38.0	11.4
		39	27.1	8.76	32.4	11.3	34.5	11.4	35.0	11.5	35.5	11.5	36.4	11.6	37.4	11.8
110	330	10	24.9	4.03	29.7	4.91	34.5	5.83	36.9	6.30	39.2	6.78	44.0	7.20	44.9	6.95
		12	24.9	4.10	29.7	5.00	34.5	5.94	36.9	6.42	39.2	6.91	43.4	7.16	44.3	6.90
		14	24.9	4.18	29.7	5.09	34.5	6.05	36.9	6.54	39.2	7.04	42.8	7.12	43.7	6.90
		16	24.9	4.26	29.7	5.19	34.5	6.17	36.9	6.67	39.2	7.18	42.3	7.22	43.2	7.27
		18	24.9	4.34	29.7	5.29	34.5	6.29	36.9	6.85	39.2	7.52	41.7	7.58	42.6	7.65
		20	24.9	4.42	29.7	5.40	34.5	6.67	36.9	7.37	39.2	7.89	41.1	7.95	42.0	8.02
		21	24.9	4.46	29.7	5.56	34.5	6.91	36.9	7.63	39.2	8.07	40.8	8.14	41.7	8.21
		23	24.9	4.67	29.7	5.96	34.5	7.40	36.9	8.18	39.2	8.44	40.3	8.51	41.2	8.58
		25	24.9	4.99	29.7	6.37	34.5	7.93	36.9	8.77	38.8	8.81	39.7	8.88	40.6	8.96
		27	24.9	5.32	29.7	6.81	34.5	8.48	36.9	9.14	38.2	9.18	39.1	9.26	40.0	9.34
		29	24.9	5.67	29.7	7.26	34.5	9.06	36.9	9.51	37.7	9.55	38.6	9.64	39.4	9.72
		31	24.9	6.04	29.7	7.75	34.5	9.67	36.6	9.88	37.1	9.92	38.0	10.0	38.9	10.1
		33	24.9	6.43	29.7	8.26	34.5	10.2	36.1	10.2	36.5	10.3	37.4	10.4	38.3	10.5
		35	24.9	6.84	29.7	8.80	34.5	10.6	35.5	10.6	35.9	10.7	36.8	10.8	37.7	10.9
		37	24.9	7.27	29.7	9.37	34.5	10.9	34.9	11.0	35.4	11.1	36.3	11.2	37.2	11.3
		39	24.9	7.73	29.7	9.98	33.9	11.3	34.3	11.4	34.8	11.4	35.7	11.5	36.6	11.7
100	300	10	22.6	3.64	27.0	4.41	31.3	5.22	33.5	5.64	35.7	6.07	40.0	6.94	44.1	7.18
		12	22.6	3.70	27.0	4.49	31.3	5.32	33.5	5.75	35.7	6.18	40.0	7.07	43.5	7.14
		14	22.6	3.76	27.0	4.57	31.3	5.42	33.5	5.86	35.7	6.30	40.0	7.20	42.9	7.10
		16	22.6	3.83	27.0	4.66	31.3	5.53	33.5	5.97	35.7	6.43	40.0	7.30	42.3	7.22
		18	22.6	3.90	27.0	4.75	31.3	5.64	33.5	6.09	35.7	6.55	40.0	7.53	41.8	7.59
		20	22.6	3.98	27.0	4.84	31.3	5.81	33.5	6.40	35.7	7.02	40.0	7.90	41.2	7.96
		21	22.6	4.02	27.0	4.89	31.3	6.01	33.5	6.63	35.7	7.27	40.0	8.08	40.9	8.14
		23	22.6	4.12	27.0	5.22	31.3	6.44	33.5	7.10	35.7	7.80	39.5	8.45	40.3	8.52
		25	22.6	4.40	27.0	5.57	31.3	6.89	33.5	7.60	35.7	8.35	38.9	8.82	39.8	8.89
		27	22.6	4.69	27.0	5.95	31.3	7.36	33.5	8.13	35.7	8.93	38.4	9.19	39.2	9.27
		29	22.6	4.99	27.0	6.34	31.3	7.86	33.5	8.68	35.7	9.48	37.8	9.56	38.6	9.64
		31	22.6	5.31	27.0	6.76	31.3	8.39	33.5	9.27	35.7	9.85	37.2	9.94	38.0	10.0
		33	22.6	5.65	27.0	7.20	31.3	8.95	33.5	9.89	35.7	10.2	36.7	10.3	37.5	10.4
		35	22.6	6.01	27.0	7.67	31.3	9.54	33.5	10.6	35.3	10.6	36.1	10.7	36.9	10.8
		37	22.6	6.38	27.0	8.16	31.3	10.2	33.5	10.9	34.7	11.0	35.5	11.1	36.3	11.2
		39	22.6	6.78	27.0	8.68	31.3	10.8	33.5	11.3	34.1	11.3	34.9	11.5	35.8	11.6

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	270	10	20.3	3.25	24.3	3.92	28.2	4.63	30.2	5.00	32.1	5.37	36.0	6.14	40.0	6.92
		12	20.3	3.31	24.3	3.99	28.2	4.72	30.2	5.09	32.1	5.47	36.0	6.25	40.0	7.05
		14	20.3	3.37	24.3	4.07	28.2	4.81	30.2	5.19	32.1	5.58	36.0	6.37	40.0	7.18
		16	20.3	3.43	24.3	4.14	28.2	4.90	30.2	5.29	32.1	5.69	36.0	6.50	40.0	7.30
		18	20.3	3.49	24.3	4.22	28.2	4.99	30.2	5.39	32.1	5.80	36.0	6.63	40.0	7.53
		20	20.3	3.55	24.3	4.30	28.2	5.09	30.2	5.50	32.1	6.02	36.0	7.12	40.0	7.90
		21	20.3	3.58	24.3	4.34	28.2	5.18	30.2	5.69	32.1	6.23	36.0	7.38	40.0	8.08
		23	20.3	3.65	24.3	4.52	28.2	5.55	30.2	6.10	32.1	6.68	36.0	7.91	39.5	8.45
		25	20.3	3.85	24.3	4.83	28.2	5.93	30.2	6.52	32.1	7.14	36.0	8.47	38.9	8.82
		27	20.3	4.10	24.3	5.15	28.2	6.33	30.2	6.97	32.1	7.64	36.0	9.07	38.4	9.19
		29	20.3	4.36	24.3	5.49	28.2	6.75	30.2	7.44	32.1	8.16	36.0	9.49	37.8	9.56
		31	20.3	4.63	24.3	5.84	28.2	7.20	30.2	7.93	32.1	8.70	36.0	9.86	37.2	9.94
		33	20.3	4.92	24.3	6.22	28.2	7.67	30.2	8.46	32.1	9.28	35.9	10.2	36.6	10.3
		35	20.3	5.23	24.3	6.61	28.2	8.17	30.2	9.01	32.1	9.90	35.3	10.6	36.1	10.7
		37	20.3	5.55	24.3	7.03	28.2	8.70	30.2	9.60	32.1	10.5	34.8	11.0	35.5	11.1
		39	20.3	5.88	24.3	7.47	28.2	9.26	30.2	10.2	32.1	11.2	34.2	11.4	34.9	11.4
80	240	10	18.1	2.89	21.6	3.46	25.1	4.06	26.8	4.38	28.5	4.70	32.0	5.36	35.5	6.04
		12	18.1	2.94	21.6	3.52	25.1	4.14	26.8	4.46	28.5	4.79	32.0	5.46	35.5	6.15
		14	18.1	2.98	21.6	3.58	25.1	4.21	26.8	4.54	28.5	4.88	32.0	5.56	35.5	6.27
		16	18.1	3.03	21.6	3.64	25.1	4.29	26.8	4.63	28.5	4.97	32.0	5.67	35.5	6.39
		18	18.1	3.09	21.6	3.71	25.1	4.37	26.8	4.72	28.5	5.07	32.0	5.78	35.5	6.52
		20	18.1	3.14	21.6	3.78	25.1	4.46	26.8	4.81	28.5	5.17	32.0	5.99	35.5	6.97
		21	18.1	3.17	21.6	3.82	25.1	4.50	26.8	4.86	28.5	5.27	32.0	6.21	35.5	7.22
		23	18.1	3.23	21.6	3.89	25.1	4.72	26.8	5.17	28.5	5.64	32.0	6.65	35.5	7.74
		25	18.1	3.33	21.6	4.14	25.1	5.04	26.8	5.53	28.5	6.03	32.0	7.12	35.5	8.29
		27	18.1	3.55	21.6	4.41	25.1	5.38	26.8	5.90	28.5	6.44	32.0	7.61	35.5	8.87
		29	18.1	3.77	21.6	4.70	25.1	5.73	26.8	6.29	28.5	6.88	32.0	8.13	35.5	9.48
		31	18.1	4.00	21.6	5.00	25.1	6.11	26.8	6.70	28.5	7.33	32.0	8.67	35.5	9.85
		33	18.1	4.24	21.6	5.31	25.1	6.50	26.8	7.14	28.5	7.81	32.0	9.25	35.5	10.2
		35	18.1	4.50	21.6	5.64	25.1	6.91	26.8	7.60	28.5	8.32	32.0	9.86	35.2	10.6
		37	18.1	4.77	21.6	5.99	25.1	7.35	26.8	8.09	28.5	8.86	32.0	10.5	34.7	11.0
		39	18.1	5.06	21.6	6.36	25.1	7.82	26.8	8.60	28.5	9.43	32.0	11.2	34.1	11.3
70	210	10	15.8	2.54	18.9	3.01	21.9	3.52	23.5	3.78	25.0	4.05	28.0	4.60	31.1	5.18
		12	15.8	2.58	18.9	3.06	21.9	3.58	23.5	3.85	25.0	4.12	28.0	4.69	31.1	5.27
		14	15.8	2.62	18.9	3.12	21.9	3.64	23.5	3.92	25.0	4.20	28.0	4.78	31.1	5.37
		16	15.8	2.66	18.9	3.17	21.9	3.71	23.5	3.99	25.0	4.28	28.0	4.87	31.1	5.48
		18	15.8	2.70	18.9	3.22	21.9	3.78	23.5	4.06	25.0	4.36	28.0	4.96	31.1	5.58
		20	15.8	2.75	18.9	3.28	21.9	3.85	23.5	4.14	25.0	4.44	28.0	5.06	31.1	5.74
		21	15.8	2.77	18.9	3.31	21.9	3.88	23.5	4.18	25.0	4.49	28.0	5.14	31.1	5.94
		23	15.8	2.82	18.9	3.37	21.9	3.96	23.5	4.32	25.0	4.70	28.0	5.50	31.1	6.37
		25	15.8	2.87	18.9	3.51	21.9	4.23	23.5	4.61	25.0	5.02	28.0	5.88	31.1	6.81
		27	15.8	3.04	18.9	3.73	21.9	4.51	23.5	4.92	25.0	5.35	28.0	6.28	31.1	7.28
		29	15.8	3.22	18.9	3.97	21.9	4.80	23.5	5.24	25.0	5.71	28.0	6.70	31.1	7.77
		31	15.8	3.42	18.9	4.22	21.9	5.10	23.5	5.58	25.0	6.08	28.0	7.14	31.1	8.29
		33	15.8	3.62	18.9	4.47	21.9	5.42	23.5	5.93	25.0	6.47	28.0	7.61	31.1	8.84
		35	15.8	3.83	18.9	4.75	21.9	5.76	23.5	6.31	25.0	6.88	28.0	8.10	31.1	9.42
		37	15.8	4.06	18.9	5.04	21.9	6.12	23.5	6.71	25.0	7.32	28.0	8.62	31.1	10.0
		39	15.8	4.30	18.9	5.34	21.9	6.50	23.5	7.12	25.0	7.78	28.0	9.18	31.1	10.7
60	180	10	13.6	2.21	16.2	2.59	18.8	3.00	20.1	3.21	21.4	3.43	24.0	3.88	26.6	4.35
		12	13.6	2.24	16.2	2.63	18.8	3.05	20.1	3.27	21.4	3.49	24.0	3.95	26.6	4.43
		14	13.6	2.27	16.2	2.67	18.8	3.10	20.1	3.32	21.4	3.55	24.0	4.02	26.6	4.51
		16	13.6	2.31	16.2	2.72	18.8	3.15	20.1	3.38	21.4	3.61	24.0	4.10	26.6	4.59
		18	13.6	2.34	16.2	2.76	18.8	3.21	20.1	3.44	21.4	3.68	24.0	4.17	26.6	4.68
		20	13.6	2.38	16.2	2.81	18.8	3.27	20.1	3.51	21.4	3.75	24.0	4.25	26.6	4.78
		21	13.6	2.40	16.2	2.83	18.8	3.30	20.1	3.54	21.4	3.79	24.0	4.29	26.6	4.82
		23	13.6	2.44	16.2	2.88	18.8	3.36	20.1	3.61	21.4	3.86	24.0	4.46	26.6	5.13
		25	13.6	2.48	16.2	2.94	18.8	3.49	20.1	3.79	21.4	4.10	24.0	4.76	26.6	5.48
		27	13.6	2.57	16.2	3.11	18.8	3.71	20.1	4.03	21.4	4.37	24.0	5.08	26.6	5.85
		29	13.6	2.72	16.2	3.30	18.8	3.95	20.1	4.29	21.4	4.65	24.0	5.41	26.6	6.24
		31	13.6	2.88	16.2	3.50	18.8	4.19	20.1	4.56	21.4	4.95	24.0	5.76	26.6	6.65
		33	13.6	3.05	16.2	3.71	18.8	4.45	20.1	4.84	21.4	5.26	24.0	6.13	26.6	7.08
		35	13.6	3.22	16.2	3.93	18.8	4.72	20.1	5.14	21.4	5.58	24.0	6.52	26.6	7.53
		37	13.6	3.41	16.2	4.17	18.8	5.01	20.1	5.46	21.4	5.93	24.0	6.93	26.6	8.02
		39	13.6	3.60	16.2	4.41	18.8	5.31	20.1	5.79	21.4	6.29	24.0	7.37	26.6	8.53

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	150	10	11.3	1.90	13.5	2.20	15.7	2.52	16.8	2.68	17.8	2.85	20.0	3.20	22.2	3.56
		12	11.3	1.92	13.5	2.23	15.7	2.55	16.8	2.72	17.8	2.90	20.0	3.25	22.2	3.63
		14	11.3	1.95	13.5	2.26	15.7	2.59	16.8	2.77	17.8	2.94	20.0	3.31	22.2	3.69
		16	11.3	1.98	13.5	2.29	15.7	2.63	16.8	2.81	17.8	2.99	20.0	3.37	22.2	3.76
		18	11.3	2.00	13.5	2.33	15.7	2.68	16.8	2.86	17.8	3.04	20.0	3.43	22.2	3.83
		20	11.3	2.03	13.5	2.37	15.7	2.72	16.8	2.91	17.8	3.10	20.0	3.49	22.2	3.90
		21	11.3	2.05	13.5	2.39	15.7	2.75	16.8	2.93	17.8	3.13	20.0	3.52	22.2	3.94
		23	11.3	2.08	13.5	2.42	15.7	2.79	16.8	2.99	17.8	3.18	20.0	3.59	22.2	4.03
		25	11.3	2.11	13.5	2.46	15.7	2.84	16.8	3.05	17.8	3.28	20.0	3.77	22.2	4.30
		27	11.3	2.14	13.5	2.55	15.7	3.00	16.8	3.24	17.8	3.49	20.0	4.01	22.2	4.58
		29	11.3	2.27	13.5	2.70	15.7	3.18	16.8	3.44	17.8	3.71	20.0	4.27	22.2	4.87
		31	11.3	2.39	13.5	2.86	15.7	3.38	16.8	3.65	17.8	3.93	20.0	4.54	22.2	5.19
		33	11.3	2.53	13.5	3.03	15.7	3.58	16.8	3.87	17.8	4.17	20.0	4.82	22.2	5.51
		35	11.3	2.67	13.5	3.20	15.7	3.79	16.8	4.10	17.8	4.43	20.0	5.12	22.2	5.86
		37	11.3	2.81	13.5	3.38	15.7	4.01	16.8	4.34	17.8	4.69	20.0	5.43	22.2	6.22
		39	11.3	2.97	13.5	3.57	15.7	4.24	16.8	4.60	17.8	4.97	20.0	5.76	22.2	6.61

U-14ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130	455	10	35.1	6.57	41.9	8.04	48.6	9.56	52.0	9.76	53.0	9.56	54.3	9.16	55.6	8.75
		12	35.1	6.69	41.9	8.19	48.6	9.74	51.7	9.71	52.4	9.51	53.6	9.10	54.9	8.96
		14	35.1	6.81	41.9	8.35	48.6	9.86	51.0	9.66	51.7	9.45	52.9	9.38	54.2	9.47
		16	35.1	6.94	41.9	8.51	48.6	9.81	50.4	9.74	51.0	9.79	52.3	9.88	53.5	9.98
		18	35.1	7.08	41.9	8.68	48.6	10.2	49.7	10.2	50.3	10.3	51.6	10.4	52.8	10.5
		20	35.1	7.22	41.9	9.24	48.4	10.7	49.0	10.7	49.6	10.8	50.9	10.9	52.2	11.0
		21	35.1	7.42	41.9	9.58	48.0	10.9	48.7	11.0	49.3	11.0	50.6	11.2	51.8	11.3
		23	35.1	7.95	41.9	10.3	47.3	11.4	48.0	11.5	48.6	11.6	49.9	11.7	51.1	11.8
		25	35.1	8.50	41.9	11.0	46.7	11.9	47.3	12.0	47.9	12.1	49.2	12.2	50.5	12.3
		27	35.1	9.08	41.9	11.8	46.0	12.4	46.6	12.5	47.2	12.6	48.5	12.7	49.8	12.8
		29	35.1	9.69	41.9	12.6	45.3	12.9	45.9	13.0	46.6	13.1	47.8	13.2	49.1	13.4
		31	35.1	10.3	41.9	13.3	44.6	13.4	45.2	13.5	45.9	13.6	47.1	13.7	48.4	13.9
		33	35.1	11.0	41.9	13.8	43.9	14.0	44.6	14.0	45.2	14.1	46.5	14.3	47.7	14.4
		35	35.1	11.7	41.9	14.3	43.2	14.5	43.9	14.6	44.5	14.6	45.8	14.8	47.0	15.0
		37	35.1	12.5	41.3	14.8	42.6	15.0	43.2	15.1	43.8	15.2	45.1	15.3	46.4	15.5
		39	35.1	13.3	40.6	15.3	41.9	15.5	42.5	15.6	43.1	15.7	44.4	15.9	45.7	16.0
120	420	10	32.4	6.00	38.6	7.33	44.9	8.71	48.0	9.42	51.1	9.81	53.4	9.45	54.6	9.07
		12	32.4	6.11	38.6	7.47	44.9	8.88	48.0	9.60	51.1	9.76	52.7	9.39	53.9	9.01
		14	32.4	6.22	38.6	7.61	44.9	9.05	48.0	9.78	50.9	9.71	52.0	9.33	53.2	9.40
		16	32.4	6.34	38.6	7.76	44.9	9.23	48.0	9.85	50.2	9.73	51.4	9.82	52.5	9.90
		18	32.4	6.46	38.6	7.91	44.9	9.54	48.0	10.2	49.5	10.2	50.7	10.3	51.9	10.4
		20	32.4	6.59	38.6	8.22	44.9	10.3	48.0	10.7	48.8	10.7	50.0	10.8	51.2	10.9
		21	32.4	6.66	38.6	8.52	44.9	10.6	47.9	10.9	48.5	11.0	49.7	11.1	50.8	11.2
		23	32.4	7.11	38.6	9.12	44.9	11.4	47.2	11.4	47.8	11.5	49.0	11.6	50.1	11.7
		25	32.4	7.60	38.6	9.76	44.9	11.9	46.5	11.9	47.1	12.0	48.3	12.1	49.5	12.2
		27	32.4	8.11	38.6	10.4	44.9	12.4	45.9	12.4	46.4	12.5	47.6	12.6	48.8	12.7
		29	32.4	8.65	38.6	11.1	44.6	12.9	45.2	12.9	45.8	13.0	46.9	13.1	48.1	13.3
		31	32.4	9.22	38.6	11.9	43.9	13.4	44.5	13.4	45.1	13.5	46.2	13.6	47.4	13.8
		33	32.4	9.82	38.6	12.7	43.2	13.9	43.8	13.9	44.4	14.0	45.6	14.2	46.7	14.3
		35	32.4	10.5	38.6	13.5	42.5	14.4	43.1	14.5	43.7	14.5	44.9	14.7	46.0	14.8
		37	32.4	11.1	38.6	14.4	41.9	14.9	42.4	15.0	43.0	15.0	44.2	15.2	45.4	15.4
		39	32.4	11.8	38.6	15.2	41.2	15.4	41.8	15.5	42.3	15.6	43.5	15.7	44.7	15.9
110	385	10	29.7	5.45	35.4	6.63	41.1	7.88	44.0	8.52	46.9	9.16	52.5	9.73	53.6	9.39
		12	29.7	5.55	35.4	6.76	41.1	8.03	44.0	8.68	46.9	9.33	51.8	9.68	52.9	9.33
		14	29.7	5.65	35.4	6.89	41.1	8.18	44.0	8.84	46.9	9.51	51.2	9.62	52.2	9.33
		16	29.7	5.75	35.4	7.02	41.1	8.34	44.0	9.02	46.9	9.70	50.5	9.75	51.5	9.83
		18	29.7	5.86	35.4	7.16	41.1	8.51	44.0	9.26	46.9	10.2	49.8	10.3	50.9	10.3
		20	29.7	5.98	35.4	7.30	41.1	9.01	44.0	9.96	46.9	10.7	49.1	10.8	50.2	10.8
		21	29.7	6.03	35.4	7.52	41.1	9.33	44.0	10.3	46.9	10.9	48.8	11.0	49.8	11.1
		23	29.7	6.32	35.4	8.05	41.1	10.0	44.0	11.1	46.9	11.4	48.1	11.5	49.2	11.6
		25	29.7	6.75	35.4	8.61	41.1	10.7	44.0	11.9	46.3	11.9	47.4	12.0	48.5	12.1
		27	29.7	7.20	35.4	9.20	41.1	11.5	44.0	12.3	45.6	12.4	46.7	12.5	47.8	12.6
		29	29.7	7.67	35.4	9.82	41.1	12.2	44.0	12.8	45.0	12.9	46.0	13.0	47.1	13.1
		31	29.7	8.17	35.4	10.5	41.1	13.1	43.7	13.3	44.3	13.4	45.3	13.5	46.4	13.7
		33	29.7	8.69	35.4	11.2	41.1	13.8	43.1	13.9	43.6	13.9	44.7	14.0	45.7	14.2
		35	29.7	9.25	35.4	11.9	41.1	14.3	42.4	14.4	42.9	14.4	44.0	14.6	45.1	14.7
		37	29.7	9.83	35.4	12.7	41.1	14.8	41.7	14.9	42.2	14.9	43.3	15.1	44.4	15.2
		39	29.7	10.5	35.4	13.5	40.5	15.3	41.0	15.4	41.5	15.5	42.6	15.6	43.7	15.8
100	350	10	27.0	4.91	32.2	5.96	37.4	7.06	40.0	7.63	42.6	8.20	47.8	9.38	52.6	9.70
		12	27.0	5.00	32.2	6.07	37.4	7.19	40.0	7.77	42.6	8.36	47.8	9.55	51.9	9.65
		14	27.0	5.09	32.2	6.18	37.4	7.33	40.0	7.92	42.6	8.52	47.8	9.73	51.2	9.60
		16	27.0	5.18	32.2	6.30	37.4	7.47	40.0	8.07	42.6	8.68	47.8	9.86	50.5	9.76
		18	27.0	5.28	32.2	6.42	37.4	7.62	40.0	8.23	42.6	8.86	47.8	10.2	49.9	10.3
		20	27.0	5.38	32.2	6.55	37.4	7.85	40.0	8.65	42.6	9.49	47.8	10.7	49.2	10.8
		21	27.0	5.43	32.2	6.61	37.4	8.13	40.0	8.96	42.6	9.83	47.8	10.9	48.8	11.0
		23	27.0	5.57	32.2	7.05	37.4	8.70	40.0	9.60	42.6	10.5	47.2	11.4	48.2	11.5
		25	27.0	5.95	32.2	7.53	37.4	9.31	40.0	10.3	42.6	11.3	46.5	11.9	47.5	12.0
		27	27.0	6.34	32.2	8.04	37.4	9.95	40.0	11.0	42.6	12.1	45.8	12.4	46.8	12.5
		29	27.0	6.75	32.2	8.58	37.4	10.6	40.0	11.7	42.6	12.8	45.1	12.9	46.1	13.0
		31	27.0	7.18	32.2	9.14	37.4	11.3	40.0	12.5	42.6	13.3	44.5	13.4	45.4	13.5
		33	27.0	7.64	32.2	9.73	37.4	12.1	40.0	13.4	42.6	13.8	43.8	13.9	44.7	14.1
		35	27.0	8.12	32.2	10.4	37.4	12.9	40.0	14.3	42.1	14.3	43.1	14.4	44.1	14.6
		37	27.0	8.62	32.2	11.0	37.4	13.7	40.0	14.8	41.4	14.8	42.4	15.0	43.4	15.1
		39	27.0	9.16	32.2	11.7	37.4	14.6	40.0	15.3	40.7	15.3	41.7	15.5	42.7	15.6

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	315	10	24.3	4.40	29.0	5.30	33.7	6.26	36.0	6.76	38.3	7.26	43.0	8.30	47.7	9.35
		12	24.3	4.47	29.0	5.40	33.7	6.38	36.0	6.88	38.3	7.40	43.0	8.45	47.7	9.53
		14	24.3	4.55	29.0	5.50	33.7	6.50	36.0	7.01	38.3	7.54	43.0	8.62	47.7	9.71
		16	24.3	4.63	29.0	5.60	33.7	6.62	36.0	7.15	38.3	7.69	43.0	8.78	47.7	9.87
		18	24.3	4.71	29.0	5.70	33.7	6.75	36.0	7.29	38.3	7.84	43.0	8.96	47.7	10.2
		20	24.3	4.80	29.0	5.81	33.7	6.88	36.0	7.44	38.3	8.13	43.0	9.63	47.7	10.7
		21	24.3	4.85	29.0	5.87	33.7	7.00	36.0	7.70	38.3	8.42	43.0	9.97	47.7	10.9
		23	24.3	4.94	29.0	6.11	33.7	7.50	36.0	8.24	38.3	9.02	43.0	10.7	47.2	11.4
		25	24.3	5.20	29.0	6.53	33.7	8.01	36.0	8.81	38.3	9.66	43.0	11.5	46.5	11.9
		27	24.3	5.54	29.0	6.96	33.7	8.56	36.0	9.42	38.3	10.3	43.0	12.3	45.8	12.4
		29	24.3	5.89	29.0	7.42	33.7	9.13	36.0	10.1	38.3	11.0	43.0	12.8	45.1	12.9
		31	24.3	6.26	29.0	7.90	33.7	9.73	36.0	10.7	38.3	11.8	43.0	13.3	44.4	13.4
		33	24.3	6.65	29.0	8.41	33.7	10.4	36.0	11.4	38.3	12.5	42.9	13.8	43.8	13.9
		35	24.3	7.06	29.0	8.94	33.7	11.0	36.0	12.2	38.3	13.4	42.2	14.3	43.1	14.4
		37	24.3	7.50	29.0	9.50	33.7	11.8	36.0	13.0	38.3	14.3	41.5	14.8	42.4	15.0
		39	24.3	7.95	29.0	10.1	33.7	12.5	36.0	13.8	38.3	15.2	40.8	15.3	41.7	15.5
80	280	10	21.6	3.90	25.8	4.68	29.9	5.49	32.0	5.92	34.1	6.35	38.2	7.24	42.4	8.16
		12	21.6	3.97	25.8	4.76	29.9	5.59	32.0	6.03	34.1	6.47	38.2	7.38	42.4	8.31
		14	21.6	4.03	25.8	4.84	29.9	5.69	32.0	6.14	34.1	6.59	38.2	7.52	42.4	8.47
		16	21.6	4.10	25.8	4.93	29.9	5.80	32.0	6.25	34.1	6.72	38.2	7.66	42.4	8.64
		18	21.6	4.17	25.8	5.02	29.9	5.91	32.0	6.37	34.1	6.85	38.2	7.82	42.4	8.81
		20	21.6	4.25	25.8	5.11	29.9	6.03	32.0	6.50	34.1	6.98	38.2	8.10	42.4	9.42
		21	21.6	4.28	25.8	5.16	29.9	6.09	32.0	6.56	34.1	7.13	38.2	8.39	42.4	9.76
		23	21.6	4.36	25.8	5.26	29.9	6.38	32.0	6.99	34.1	7.63	38.2	8.99	42.4	10.5
		25	21.6	4.51	25.8	5.60	29.9	6.81	32.0	7.47	34.1	8.15	38.2	9.62	42.4	11.2
		27	21.6	4.79	25.8	5.96	29.9	7.27	32.0	7.97	34.1	8.71	38.2	10.3	42.4	12.0
		29	21.6	5.09	25.8	6.35	29.9	7.75	32.0	8.50	34.1	9.29	38.2	11.0	42.4	12.8
		31	21.6	5.41	25.8	6.75	29.9	8.25	32.0	9.06	34.1	9.91	38.2	11.7	42.4	13.3
		33	21.6	5.74	25.8	7.18	29.9	8.78	32.0	9.65	34.1	10.6	38.2	12.5	42.4	13.8
		35	21.6	6.08	25.8	7.62	29.9	9.34	32.0	10.3	34.1	11.2	38.2	13.3	42.1	14.3
		37	21.6	6.45	25.8	8.10	29.9	9.94	32.0	10.9	34.1	12.0	38.2	14.2	41.4	14.8
		39	21.6	6.84	25.8	8.59	29.9	10.6	32.0	11.6	34.1	12.7	38.2	15.1	40.7	15.3
70	245	10	18.9	3.43	22.5	4.07	26.2	4.76	28.0	5.11	29.8	5.47	33.5	6.22	37.1	7.00
		12	18.9	3.49	22.5	4.14	26.2	4.84	28.0	5.20	29.8	5.57	33.5	6.34	37.1	7.13
		14	18.9	3.54	22.5	4.21	26.2	4.92	28.0	5.29	29.8	5.67	33.5	6.45	37.1	7.26
		16	18.9	3.60	22.5	4.28	26.2	5.01	28.0	5.39	29.8	5.78	33.5	6.58	37.1	7.40
		18	18.9	3.66	22.5	4.36	26.2	5.10	28.0	5.49	29.8	5.89	33.5	6.71	37.1	7.55
		20	18.9	3.72	22.5	4.44	26.2	5.20	28.0	5.60	29.8	6.00	33.5	6.84	37.1	7.76
		21	18.9	3.75	22.5	4.48	26.2	5.25	28.0	5.65	29.8	6.06	33.5	6.95	37.1	8.03
		23	18.9	3.81	22.5	4.56	26.2	5.36	28.0	5.84	29.8	6.35	33.5	7.43	37.1	8.61
		25	18.9	3.88	22.5	4.74	26.2	5.72	28.0	6.24	29.8	6.78	33.5	7.95	37.1	9.21
		27	18.9	4.10	22.5	5.05	26.2	6.09	28.0	6.65	29.8	7.24	33.5	8.49	37.1	9.84
		29	18.9	4.36	22.5	5.36	26.2	6.48	28.0	7.08	29.8	7.71	33.5	9.05	37.1	10.5
		31	18.9	4.62	22.5	5.70	26.2	6.90	28.0	7.54	29.8	8.22	33.5	9.65	37.1	11.2
		33	18.9	4.89	22.5	6.05	26.2	7.33	28.0	8.02	29.8	8.74	33.5	10.3	37.1	12.0
		35	18.9	5.18	22.5	6.42	26.2	7.79	28.0	8.53	29.8	9.30	33.5	11.0	37.1	12.7
		37	18.9	5.49	22.5	6.81	26.2	8.27	28.0	9.06	29.8	9.89	33.5	11.7	37.1	13.6
		39	18.9	5.81	22.5	7.22	26.2	8.78	28.0	9.63	29.8	10.5	33.5	12.4	37.1	14.5
60	210	10	16.2	2.99	19.3	3.50	22.4	4.06	24.0	4.34	25.6	4.64	28.7	5.25	31.8	5.88
		12	16.2	3.03	19.3	3.56	22.4	4.12	24.0	4.42	25.6	4.72	28.7	5.34	31.8	5.98
		14	16.2	3.07	19.3	3.62	22.4	4.19	24.0	4.49	25.6	4.80	28.7	5.44	31.8	6.09
		16	16.2	3.12	19.3	3.67	22.4	4.26	24.0	4.57	25.6	4.89	28.7	5.54	31.8	6.21
		18	16.2	3.17	19.3	3.73	22.4	4.34	24.0	4.65	25.6	4.98	28.7	5.64	31.8	6.33
		20	16.2	3.22	19.3	3.80	22.4	4.42	24.0	4.74	25.6	5.07	28.7	5.75	31.8	6.45
		21	16.2	3.24	19.3	3.83	22.4	4.46	24.0	4.78	25.6	5.12	28.7	5.80	31.8	6.52
		23	16.2	3.29	19.3	3.90	22.4	4.54	24.0	4.87	25.6	5.22	28.7	6.03	31.8	6.93
		25	16.2	3.35	19.3	3.97	22.4	4.72	24.0	5.12	25.6	5.54	28.7	6.44	31.8	7.41
		27	16.2	3.47	19.3	4.21	22.4	5.02	24.0	5.45	25.6	5.91	28.7	6.87	31.8	7.90
		29	16.2	3.68	19.3	4.47	22.4	5.34	24.0	5.80	25.6	6.29	28.7	7.32	31.8	8.43
		31	16.2	3.89	19.3	4.74	22.4	5.67	24.0	6.16	25.6	6.68	28.7	7.79	31.8	8.98
		33	16.2	4.12	19.3	5.02	22.4	6.02	24.0	6.55	25.6	7.10	28.7	8.29	31.8	9.57
		35	16.2	4.36	19.3	5.32	22.4	6.38	24.0	6.95	25.6	7.55	28.7	8.81	31.8	10.2
		37	16.2	4.60	19.3	5.63	22.4	6.77	24.0	7.38	25.6	8.01	28.7	9.37	31.8	10.8
		39	16.2	4.86	19.3	5.96	22.4	7.17	24.0	7.83	25.6	8.51	28.7	9.96	31.8	11.5

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	175	10	13.5	2.57	16.1	2.97	18.7	3.40	20.0	3.62	21.3	3.85	23.9	4.33	26.5	4.82
		12	13.5	2.60	16.1	3.01	18.7	3.45	20.0	3.68	21.3	3.91	23.9	4.40	26.5	4.90
		14	13.5	2.63	16.1	3.06	18.7	3.50	20.0	3.74	21.3	3.98	23.9	4.47	26.5	4.99
		16	13.5	2.67	16.1	3.10	18.7	3.56	20.0	3.80	21.3	4.04	23.9	4.55	26.5	5.08
		18	13.5	2.71	16.1	3.15	18.7	3.62	20.0	3.86	21.3	4.11	23.9	4.63	26.5	5.17
		20	13.5	2.75	16.1	3.20	18.7	3.68	20.0	3.93	21.3	4.19	23.9	4.72	26.5	5.27
		21	13.5	2.77	16.1	3.22	18.7	3.71	20.0	3.96	21.3	4.22	23.9	4.76	26.5	5.32
		23	13.5	2.81	16.1	3.28	18.7	3.78	20.0	4.04	21.3	4.30	23.9	4.85	26.5	5.44
		25	13.5	2.85	16.1	3.33	18.7	3.84	20.0	4.12	21.3	4.43	23.9	5.10	26.5	5.81
		27	13.5	2.90	16.1	3.45	18.7	4.06	20.0	4.38	21.3	4.71	23.9	5.42	26.5	6.19
		29	13.5	3.06	16.1	3.66	18.7	4.30	20.0	4.65	21.3	5.01	23.9	5.77	26.5	6.59
		31	13.5	3.24	16.1	3.87	18.7	4.56	20.0	4.93	21.3	5.32	23.9	6.13	26.5	7.01
		33	13.5	3.42	16.1	4.09	18.7	4.84	20.0	5.23	21.3	5.64	23.9	6.51	26.5	7.45
		35	13.5	3.61	16.1	4.33	18.7	5.12	20.0	5.54	21.3	5.98	23.9	6.92	26.5	7.92
		37	13.5	3.80	16.1	4.57	18.7	5.42	20.0	5.87	21.3	6.34	23.9	7.34	26.5	8.41
		39	13.5	4.01	16.1	4.83	18.7	5.73	20.0	6.22	21.3	6.72	23.9	7.78	26.5	8.93

U-16ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	520	10	39.0	7.19	46.6	8.80	54.1	10.5	57.9	10.7	59.0	10.5	60.4	10.0	61.8	9.58
		12	39.0	7.33	46.6	8.97	54.1	10.7	57.5	10.6	58.3	10.4	59.7	10.0	61.1	9.81
		14	39.0	7.46	46.6	9.14	54.1	10.8	56.8	10.6	57.5	10.4	58.9	10.3	60.3	10.4
		16	39.0	7.61	46.6	9.32	54.1	10.8	56.0	10.7	56.7	10.7	58.1	10.8	59.5	10.9
		18	39.0	7.76	46.6	9.51	54.1	11.2	55.3	11.2	56.0	11.3	57.4	11.4	58.8	11.5
		20	39.0	7.91	46.6	10.1	53.8	11.7	54.5	11.8	55.2	11.8	56.6	11.9	57.8	12.0
		21	39.0	8.13	46.6	10.5	53.4	12.0	54.1	12.0	54.8	12.1	56.2	12.2	57.1	12.3
		23	39.0	8.71	46.6	11.2	52.7	12.5	53.4	12.6	54.1	12.7	55.5	12.8	55.7	12.8
		25	39.0	9.31	46.6	12.0	51.9	13.1	52.6	13.1	53.3	13.2	54.2	13.3	54.3	13.3
		27	39.0	9.95	46.6	12.9	51.1	13.6	51.8	13.7	52.6	13.8	52.8	13.8	52.9	13.8
		29	39.0	10.6	46.6	13.8	50.4	14.2	51.1	14.3	51.2	14.3	51.4	14.3	51.5	14.3
		31	39.0	11.3	46.6	14.6	49.6	14.7	49.8	14.7	49.8	14.8	50.0	14.8	50.1	14.8
		33	39.0	12.1	46.6	15.1	48.3	15.2	48.4	15.2	48.4	15.2	48.6	15.3	48.7	15.3
		35	39.0	12.9	46.6	15.7	46.9	15.7	46.9	15.7	47.0	15.7	47.2	15.7	47.3	15.7
		37	39.0	13.7	43.4	16.0	44.1	16.2	44.5	16.2	44.9	16.2	45.6	16.2	45.9	16.2
		39	39.0	14.6	39.9	15.1	40.7	15.5	41.1	15.7	41.4	15.9	42.2	16.4	43.0	16.7
120	480	10	36.0	6.57	43.0	8.03	49.9	9.54	53.4	10.3	56.9	10.7	59.4	10.3	60.7	9.94
		12	36.0	6.69	43.0	8.18	49.9	9.73	53.4	10.5	56.9	10.7	58.7	10.3	60.0	9.87
		14	36.0	6.82	43.0	8.33	49.9	9.91	53.4	10.7	56.6	10.6	57.9	10.2	59.2	10.3
		16	36.0	6.95	43.0	8.50	49.9	10.1	53.4	10.8	55.8	10.7	57.1	10.8	58.4	10.8
		18	36.0	7.08	43.0	8.66	49.9	10.5	53.4	11.2	55.1	11.2	56.4	11.3	57.7	11.4
		20	36.0	7.22	43.0	9.01	49.9	11.2	53.4	11.7	54.3	11.8	55.6	11.9	56.9	12.0
		21	36.0	7.29	43.0	9.33	49.9	11.6	53.3	12.0	53.9	12.0	55.2	12.1	56.5	12.2
		23	36.0	7.79	43.0	9.99	49.9	12.5	52.5	12.5	53.2	12.6	54.5	12.7	55.7	12.8
		25	36.0	8.32	43.0	10.7	49.9	13.0	51.8	13.1	52.4	13.1	53.7	13.2	54.3	13.3
		27	36.0	8.88	43.0	11.4	49.9	13.5	51.0	13.6	51.7	13.7	52.8	13.8	52.9	13.8
		29	36.0	9.47	43.0	12.2	49.6	14.1	50.3	14.2	50.9	14.2	51.4	14.3	51.5	14.3
		31	36.0	10.1	43.0	13.0	48.8	14.6	49.5	14.7	49.8	14.8	50.0	14.8	50.1	14.8
		33	36.0	10.8	43.0	13.9	48.1	15.2	48.4	15.2	48.4	15.2	48.6	15.3	48.7	15.3
		35	36.0	11.4	43.0	14.8	46.9	15.7	46.9	15.7	47.0	15.7	47.2	15.7	47.3	15.7
		37	36.0	12.2	43.0	15.8	44.1	16.2	44.5	16.2	44.9	16.2	45.6	16.2	45.9	16.2
		39	36.0	13.0	39.9	15.1	40.7	15.5	41.1	15.7	41.4	15.9	42.2	16.4	43.0	16.7
110	440	10	33.0	5.97	39.4	7.27	45.8	8.63	49.0	9.33	52.1	10.0	58.4	10.7	59.6	10.3
		12	33.0	6.07	39.4	7.40	45.8	8.79	49.0	9.50	52.1	10.2	57.7	10.6	58.9	10.2
		14	33.0	6.19	39.4	7.54	45.8	8.96	49.0	9.69	52.1	10.4	56.9	10.5	58.1	10.2
		16	33.0	6.30	39.4	7.69	45.8	9.14	49.0	9.88	52.1	10.6	56.1	10.7	57.3	10.8
		18	33.0	6.42	39.4	7.84	45.8	9.32	49.0	10.1	52.1	11.1	55.4	11.2	56.6	11.3
		20	33.0	6.55	39.4	7.99	45.8	9.87	49.0	10.9	52.1	11.7	54.6	11.8	55.8	11.9
		21	33.0	6.61	39.4	8.24	45.8	10.2	49.0	11.3	52.1	11.9	54.2	12.1	55.4	12.2
		23	33.0	6.92	39.4	8.82	45.8	11.0	49.0	12.1	52.1	12.5	53.5	12.6	54.7	12.7
		25	33.0	7.39	39.4	9.43	45.8	11.7	49.0	13.0	51.5	13.0	52.7	13.2	53.9	13.3
		27	33.0	7.88	39.4	10.1	45.8	12.5	49.0	13.5	50.8	13.6	52.0	13.7	52.9	13.8
		29	33.0	8.40	39.4	10.8	45.8	13.4	49.0	14.1	50.0	14.1	51.2	14.3	51.5	14.3
		31	33.0	8.95	39.4	11.5	45.8	14.3	48.7	14.6	49.3	14.7	50.0	14.8	50.1	14.8
		33	33.0	9.52	39.4	12.2	45.8	15.1	47.9	15.2	48.4	15.2	48.6	15.3	48.7	15.3
		35	33.0	10.1	39.4	13.0	45.8	15.7	46.9	15.7	47.0	15.7	47.2	15.7	47.3	15.7
		37	33.0	10.8	39.4	13.9	44.1	16.2	44.5	16.2	44.9	16.2	45.6	16.2	45.9	16.2
		39	33.0	11.4	39.4	14.8	40.7	15.5	41.1	15.7	41.4	15.9	42.2	16.4	43.0	16.7
100	400	10	30.0	5.38	35.8	6.53	41.6	7.73	44.5	8.35	47.4	9.0	53.2	10.3	58.5	10.6
		12	30.0	5.48	35.8	6.65	41.6	7.88	44.5	8.51	47.4	9.2	53.2	10.5	57.8	10.6
		14	30.0	5.57	35.8	6.77	41.6	8.03	44.5	8.67	47.4	9.3	53.2	10.7	57.0	10.5
		16	30.0	5.68	35.8	6.90	41.6	8.18	44.5	8.84	47.4	9.5	53.2	10.8	56.2	10.7
		18	30.0	5.78	35.8	7.03	41.6	8.34	44.5	9.02	47.4	9.7	53.2	11.2	55.5	11.2
		20	30.0	5.89	35.8	7.17	41.6	8.60	44.5	9.47	47.4	10.4	53.2	11.7	54.7	11.8
		21	30.0	5.95	35.8	7.24	41.6	8.90	44.5	9.81	47.4	10.8	53.2	12.0	54.3	12.1
		23	30.0	6.10	35.8	7.72	41.6	9.53	44.5	10.5	47.4	11.5	52.5	12.5	53.6	12.6
		25	30.0	6.51	35.8	8.25	41.6	10.2	44.5	11.3	47.4	12.4	51.7	13.1	52.8	13.2
		27	30.0	6.94	35.8	8.81	41.6	10.9	44.5	12.0	47.4	13.2	51.0	13.6	52.1	13.7
		29	30.0	7.39	35.8	9.39	41.6	11.6	44.5	12.9	47.4	14.0	50.2	14.2	51.3	14.3
		31	30.0	7.87	35.8	10.0	41.6	12.4	44.5	13.7	47.4	14.6	49.5	14.7	50.1	14.8
		33	30.0	8.37	35.8	10.7	41.6	13.2	44.5	14.6	47.4	15.1	48.6	15.3	48.7	15.3
		35	30.0	8.89	35.8	11.4	41.6	14.1	44.5	15.6	46.9	15.7	47.2	15.7	47.3	15.7
		37	30.0	9.45	35.8	12.1	41.6	15.0	44.5	16.2	44.9	16.2	45.6	16.2	45.9	16.2
		39	30.0	10.0	35.8	12.8	40.7	15.5	41.1	15.7	41.4	15.9	42.2	16.4	43.0	16.7

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	360	10	27.0	4.82	32.2	5.81	37.4	6.86	40.1	7.40	42.7	7.96	47.9	9.09	53.1	10.2
		12	27.0	4.90	32.2	5.91	37.4	6.99	40.1	7.54	42.7	8.11	47.9	9.26	53.1	10.4
		14	27.0	4.98	32.2	6.02	37.4	7.12	40.1	7.68	42.7	8.26	47.9	9.44	53.1	10.6
		16	27.0	5.07	32.2	6.13	37.4	7.25	40.1	7.83	42.7	8.42	47.9	9.62	53.1	10.8
		18	27.0	5.16	32.2	6.25	37.4	7.39	40.1	7.99	42.7	8.59	47.9	9.81	53.1	11.1
		20	27.0	5.26	32.2	6.37	37.4	7.54	40.1	8.15	42.7	8.91	47.9	10.5	53.1	11.7
		21	27.0	5.31	32.2	6.43	37.4	7.67	40.1	8.43	42.7	9.23	47.9	10.9	53.1	12.0
		23	27.0	5.41	32.2	6.70	37.4	8.21	40.1	9.03	42.7	9.88	47.9	11.7	52.5	12.5
		25	27.0	5.70	32.2	7.15	37.4	8.78	40.1	9.66	42.7	10.6	47.9	12.5	51.7	13.1
		27	27.0	6.07	32.2	7.63	37.4	9.37	40.1	10.3	42.7	11.3	47.9	13.4	51.0	13.6
		29	27.0	6.45	32.2	8.13	37.4	10.0	40.1	11.0	42.7	12.1	47.9	14.1	50.2	14.2
		31	27.0	6.86	32.2	8.65	37.4	10.7	40.1	11.7	42.7	12.9	47.9	14.6	49.4	14.7
		33	27.0	7.29	32.2	9.21	37.4	11.4	40.1	12.5	42.7	13.7	47.7	15.1	48.7	15.3
		35	27.0	7.74	32.2	9.79	37.4	12.1	40.1	13.3	42.7	14.7	46.9	15.7	47.3	15.7
		37	27.0	8.21	32.2	10.4	37.4	12.9	40.1	14.2	42.7	15.6	45.6	16.2	45.9	16.2
		39	27.0	8.71	32.2	11.1	37.4	13.7	40.1	15.1	41.4	15.9	42.2	16.4	43.0	16.7
80	320	10	24.0	4.28	28.7	5.12	33.3	6.02	35.6	6.48	37.9	6.96	42.5	7.93	47.2	8.94
		12	24.0	4.35	28.7	5.21	33.3	6.13	35.6	6.60	37.9	7.09	42.5	8.08	47.2	9.11
		14	24.0	4.42	28.7	5.30	33.3	6.24	35.6	6.72	37.9	7.22	42.5	8.24	47.2	9.28
		16	24.0	4.49	28.7	5.40	33.3	6.35	35.6	6.85	37.9	7.36	42.5	8.40	47.2	9.46
		18	24.0	4.57	28.7	5.49	33.3	6.47	35.6	6.98	37.9	7.50	42.5	8.56	47.2	9.65
		20	24.0	4.65	28.7	5.60	33.3	6.60	35.6	7.12	37.9	7.65	42.5	8.88	47.2	10.3
		21	24.0	4.69	28.7	5.65	33.3	6.67	35.6	7.19	37.9	7.81	42.5	9.19	47.2	10.7
		23	24.0	4.78	28.7	5.76	33.3	6.99	35.6	7.66	37.9	8.36	42.5	9.85	47.2	11.5
		25	24.0	4.94	28.7	6.13	33.3	7.46	35.6	8.18	37.9	8.93	42.5	10.5	47.2	12.3
		27	24.0	5.25	28.7	6.53	33.3	7.96	35.6	8.73	37.9	9.54	42.5	11.3	47.2	13.1
		29	24.0	5.58	28.7	6.95	33.3	8.49	35.6	9.31	37.9	10.2	42.5	12.0	47.2	14.0
		31	24.0	5.92	28.7	7.40	33.3	9.04	35.6	9.93	37.9	10.9	42.5	12.8	47.2	14.6
		33	24.0	6.28	28.7	7.86	33.3	9.62	35.6	10.6	37.9	11.6	42.5	13.7	47.2	15.1
		35	24.0	6.67	28.7	8.35	33.3	10.2	35.6	11.3	37.9	12.3	42.5	14.6	46.8	15.7
		37	24.0	7.07	28.7	8.87	33.3	10.9	35.6	12.0	37.9	13.1	42.5	15.6	45.9	16.2
		39	24.0	7.49	28.7	9.41	33.3	11.6	35.6	12.7	37.9	14.0	42.2	16.4	43.0	16.7
70	280	10	21.0	3.76	25.1	4.46	29.1	5.21	31.2	5.60	33.2	6.00	37.2	6.8	41.3	7.66
		12	21.0	3.82	25.1	4.54	29.1	5.30	31.2	5.70	33.2	6.10	37.2	6.94	41.3	7.81
		14	21.0	3.88	25.1	4.61	29.1	5.39	31.2	5.80	33.2	6.21	37.2	7.07	41.3	7.95
		16	21.0	3.94	25.1	4.69	29.1	5.49	31.2	5.91	33.2	6.33	37.2	7.21	41.3	8.11
		18	21.0	4.00	25.1	4.77	29.1	5.59	31.2	6.02	33.2	6.45	37.2	7.35	41.3	8.27
		20	21.0	4.07	25.1	4.86	29.1	5.70	31.2	6.13	33.2	6.58	37.2	7.49	41.3	8.50
		21	21.0	4.11	25.1	4.90	29.1	5.75	31.2	6.19	33.2	6.64	37.2	7.61	41.3	8.80
		23	21.0	4.18	25.1	5.00	29.1	5.87	31.2	6.40	33.2	6.96	37.2	8.14	41.3	9.43
		25	21.0	4.25	25.1	5.19	29.1	6.26	31.2	6.83	33.2	7.43	37.2	8.71	41.3	10.1
		27	21.0	4.50	25.1	5.53	29.1	6.67	31.2	7.29	33.2	7.93	37.2	9.30	41.3	10.8
		29	21.0	4.77	25.1	5.88	29.1	7.10	31.2	7.76	33.2	8.45	37.2	9.92	41.3	11.5
		31	21.0	5.06	25.1	6.24	29.1	7.55	31.2	8.26	33.2	9.00	37.2	10.6	41.3	12.3
		33	21.0	5.36	25.1	6.63	29.1	8.03	31.2	8.79	33.2	9.58	37.2	11.3	41.3	13.1
		35	21.0	5.68	25.1	7.03	29.1	8.53	31.2	9.34	33.2	10.2	37.2	12.0	41.3	14.0
		37	21.0	6.01	25.1	7.45	29.1	9.06	31.2	9.93	33.2	10.8	37.2	12.8	41.3	14.9
		39	21.0	6.36	25.1	7.90	29.1	9.62	31.2	10.5	33.2	11.5	37.2	13.6	41.3	15.8
60	240	10	18.0	3.27	21.5	3.84	25.0	4.44	26.7	4.76	28.4	5.08	31.9	5.75	35.4	6.44
		12	18.0	3.32	21.5	3.90	25.0	4.52	26.7	4.84	28.4	5.17	31.9	5.85	35.4	6.55
		14	18.0	3.37	21.5	3.96	25.0	4.59	26.7	4.92	28.4	5.26	31.9	5.95	35.4	6.68
		16	18.0	3.42	21.5	4.02	25.0	4.67	26.7	5.01	28.4	5.35	31.9	6.06	35.4	6.80
		18	18.0	3.47	21.5	4.09	25.0	4.75	26.7	5.10	28.4	5.45	31.9	6.18	35.4	6.93
		20	18.0	3.52	21.5	4.16	25.0	4.84	26.7	5.19	28.4	5.55	31.9	6.30	35.4	7.07
		21	18.0	3.55	21.5	4.20	25.0	4.88	26.7	5.24	28.4	5.60	31.9	6.36	35.4	7.14
		23	18.0	3.61	21.5	4.27	25.0	4.97	26.7	5.34	28.4	5.71	31.9	6.61	35.4	7.59
		25	18.0	3.67	21.5	4.35	25.0	5.17	26.7	5.61	28.4	6.07	31.9	7.05	35.4	8.11
		27	18.0	3.80	21.5	4.61	25.0	5.50	26.7	5.97	28.4	6.47	31.9	7.52	35.4	8.66
		29	18.0	4.03	21.5	4.89	25.0	5.84	26.7	6.35	28.4	6.88	31.9	8.01	35.4	9.23
		31	18.0	4.27	21.5	5.19	25.0	6.21	26.7	6.75	28.4	7.32	31.9	8.53	35.4	9.84
		33	18.0	4.51	21.5	5.50	25.0	6.59	26.7	7.17	28.4	7.78	31.9	9.08	35.4	10.5
		35	18.0	4.77	21.5	5.83	25.0	6.99	26.7	7.62	28.4	8.27	31.9	9.65	35.4	11.2
		37	18.0	5.04	21.5	6.17	25.0	7.41	26.7	8.08	28.4	8.78	31.9	10.3	35.4	11.9
		39	18.0	5.33	21.5	6.53	25.0	7.86	26.7	8.57	28.4	9.32	31.9	10.9	35.4	12.6

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	200	10	15.0	2.81	17.9	3.25	20.8	3.72	22.3	3.97	23.7	4.22	26.6	4.74	29.5	5.28
		12	15.0	2.85	17.9	3.30	20.8	3.78	22.3	4.03	23.7	4.29	26.6	4.82	29.5	5.37
		14	15.0	2.89	17.9	3.35	20.8	3.84	22.3	4.09	23.7	4.36	26.6	4.90	29.5	5.46
		16	15.0	2.92	17.9	3.40	20.8	3.90	22.3	4.16	23.7	4.43	26.6	4.99	29.5	5.56
		18	15.0	2.97	17.9	3.45	20.8	3.96	22.3	4.23	23.7	4.51	26.6	5.07	29.5	5.67
		20	15.0	3.01	17.9	3.50	20.8	4.03	22.3	4.30	23.7	4.59	26.6	5.17	29.5	5.77
		21	15.0	3.03	17.9	3.53	20.8	4.06	22.3	4.34	23.7	4.63	26.6	5.22	29.5	5.83
		23	15.0	3.07	17.9	3.59	20.8	4.14	22.3	4.42	23.7	4.71	26.6	5.31	29.5	5.96
		25	15.0	3.12	17.9	3.65	20.8	4.21	22.3	4.51	23.7	4.86	26.6	5.58	29.5	6.36
		27	15.0	3.17	17.9	3.78	20.8	4.44	22.3	4.80	23.7	5.16	26.6	5.94	29.5	6.78
		29	15.0	3.36	17.9	4.00	20.8	4.71	22.3	5.09	23.7	5.49	26.6	6.32	29.5	7.22
		31	15.0	3.55	17.9	4.24	20.8	5.00	22.3	5.40	23.7	5.82	26.6	6.72	29.5	7.68
		33	15.0	3.74	17.9	4.48	20.8	5.30	22.3	5.73	23.7	6.18	26.6	7.14	29.5	8.16
		35	15.0	3.95	17.9	4.74	20.8	5.61	22.3	6.07	23.7	6.55	26.6	7.57	29.5	8.67
		37	15.0	4.17	17.9	5.01	20.8	5.94	22.3	6.43	23.7	6.95	26.6	8.04	29.5	9.21
		39	15.0	4.39	17.9	5.29	20.8	6.28	22.3	6.81	23.7	7.36	26.6	8.53	29.5	9.78

PA-18ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	585	10	44.2	7.35	52.7	9.00	61.3	10.7	65.5	10.9	66.8	10.7	68.4	10.3	70.0	9.8
		12	44.2	7.49	52.7	9.17	61.3	10.9	65.2	10.9	66.0	10.6	67.6	10.2	69.2	10.0
		14	44.2	7.63	52.7	9.35	61.3	11.0	64.3	10.8	65.1	10.6	66.7	10.5	68.3	10.6
		16	44.2	7.78	52.7	9.53	61.3	11.0	63.5	10.9	64.3	11.0	65.8	11.1	67.4	11.2
		18	44.2	7.93	52.7	9.72	61.3	11.4	62.6	11.5	63.4	11.5	65.0	11.6	66.6	11.7
		20	44.2	8.09	52.7	10.4	60.9	12.0	61.7	12.0	62.5	12.1	64.1	12.2	65.7	12.3
		21	44.2	8.31	52.7	10.7	60.5	12.2	61.3	12.3	62.1	12.4	63.7	12.5	65.3	12.6
		23	44.2	8.90	52.7	11.5	59.6	12.8	60.4	12.9	61.2	12.9	62.8	13.1	64.4	13.2
		25	44.2	9.52	52.7	12.3	58.8	13.4	59.6	13.4	60.4	13.5	62.0	13.6	63.6	13.8
		27	44.2	10.2	52.7	13.2	57.9	13.9	58.7	14.0	59.5	14.1	61.1	14.2	62.7	14.4
		29	44.2	10.9	52.7	14.1	57.1	14.5	57.9	14.6	58.7	14.7	60.3	14.8	61.8	15.0
		31	44.2	11.6	52.7	14.9	56.2	15.1	57.0	15.1	57.8	15.2	59.4	15.4	61.0	15.6
		33	44.2	12.3	52.7	15.5	55.3	15.6	56.1	15.7	56.9	15.8	58.5	16.0	60.1	16.2
		35	44.2	13.1	52.7	16.0	54.5	16.2	55.3	16.3	56.1	16.4	57.7	16.6	59.3	16.8
		37	44.2	14.0	52.0	16.6	53.6	16.8	54.4	16.9	55.2	17.0	56.8	17.2	58.4	17.4
		39	44.2	14.9	51.2	17.2	52.8	17.4	53.6	17.5	54.4	17.6	55.9	17.8	57.5	18.0
120	540	10	40.8	6.72	48.7	8.21	56.5	9.76	60.5	10.5	64.4	11.0	67.3	10.6	68.8	10.2
		12	40.8	6.84	48.7	8.36	56.5	9.94	60.5	10.7	64.4	10.9	66.4	10.5	67.9	10.1
		14	40.8	6.97	48.7	8.52	56.5	10.1	60.5	11.0	64.1	10.9	65.6	10.5	67.1	10.5
		16	40.8	7.10	48.7	8.69	56.5	10.3	60.5	11.0	63.2	10.9	64.7	11.0	66.2	11.1
		18	40.8	7.24	48.7	8.86	56.5	10.7	60.5	11.4	62.4	11.5	63.9	11.6	65.3	11.7
		20	40.8	7.38	48.7	9.21	56.5	11.5	60.5	12.0	61.5	12.0	63.0	12.1	64.5	12.2
		21	40.8	7.45	48.7	9.54	56.5	11.9	60.4	12.2	61.1	12.3	62.6	12.4	64.0	12.5
		23	40.8	7.96	48.7	10.2	56.5	12.7	59.5	12.8	60.2	12.9	61.7	13.0	63.2	13.1
		25	40.8	8.51	48.7	10.9	56.5	13.3	58.6	13.4	59.4	13.4	60.8	13.5	62.3	13.7
		27	40.8	9.08	48.7	11.7	56.5	13.8	57.8	13.9	58.5	14.0	60.0	14.1	61.5	14.3
		29	40.8	9.69	48.7	12.5	56.2	14.4	56.9	14.5	57.7	14.6	59.1	14.7	60.6	14.8
		31	40.8	10.3	48.7	13.3	55.3	15.0	56.1	15.0	56.8	15.1	58.3	15.3	59.7	15.4
		33	40.8	11.0	48.7	14.2	54.5	15.5	55.2	15.6	55.9	15.7	57.4	15.9	58.9	16.0
		35	40.8	11.7	48.7	15.2	53.6	16.1	54.3	16.2	55.1	16.3	56.5	16.4	58.0	16.6
		37	40.8	12.5	48.7	16.2	52.7	16.7	53.5	16.8	54.2	16.9	55.7	17.0	57.2	17.2
		39	40.8	13.3	48.7	17.1	51.9	17.2	52.6	17.3	53.3	17.4	54.8	17.6	56.3	17.8
110	495	10	37.4	6.10	44.6	7.43	51.8	8.82	55.4	9.54	59.0	10.3	66.2	10.9	67.5	10.5
		12	37.4	6.21	44.6	7.57	51.8	8.99	55.4	9.72	59.0	10.5	65.3	10.8	66.7	10.5
		14	37.4	6.32	44.6	7.71	51.8	9.16	55.4	9.90	59.0	10.7	64.5	10.8	65.8	10.4
		16	37.4	6.44	44.6	7.86	51.8	9.34	55.4	10.1	59.0	10.9	63.6	10.9	64.9	11.0
		18	37.4	6.56	44.6	8.01	51.8	9.53	55.4	10.4	59.0	11.4	62.7	11.5	64.1	11.6
		20	37.4	6.69	44.6	8.17	51.8	10.1	55.4	11.2	59.0	11.9	61.9	12.0	63.2	12.1
		21	37.4	6.76	44.6	8.42	51.8	10.5	55.4	11.6	59.0	12.2	61.4	12.3	62.8	12.4
		23	37.4	7.07	44.6	9.02	51.8	11.2	55.4	12.4	59.0	12.8	60.6	12.9	61.9	13.0
		25	37.4	7.55	44.6	9.64	51.8	12.0	55.4	13.3	58.4	13.3	59.7	13.4	61.1	13.6
		27	37.4	8.06	44.6	10.3	51.8	12.8	55.4	13.8	57.5	13.9	58.9	14.0	60.2	14.1
		29	37.4	8.59	44.6	11.0	51.8	13.7	55.4	14.4	56.6	14.5	58.0	14.6	59.3	14.7
		31	37.4	9.15	44.6	11.7	51.8	14.6	55.1	14.9	55.8	15.0	57.1	15.2	58.5	15.3
		33	37.4	9.74	44.6	12.5	51.8	15.4	54.3	15.5	54.9	15.6	56.3	15.7	57.6	15.9
		35	37.4	10.4	44.6	13.3	51.8	16.0	53.4	16.1	54.1	16.2	55.4	16.3	56.8	16.5
		37	37.4	11.0	44.6	14.2	51.8	16.6	52.5	16.6	53.2	16.7	54.6	16.9	55.9	17.1
		39	37.4	11.7	44.6	15.1	51.0	17.1	51.7	17.2	52.3	17.3	53.7	17.5	55.0	17.6
100	450	10	34.0	5.50	40.6	6.67	47.1	7.91	50.4	8.54	53.7	9.19	60.2	10.5	66.3	10.9
		12	34.0	5.60	40.6	6.79	47.1	8.05	50.4	8.70	53.7	9.36	60.2	10.7	65.4	10.8
		14	34.0	5.70	40.6	6.92	47.1	8.21	50.4	8.87	53.7	9.54	60.2	10.9	64.6	10.8
		16	34.0	5.80	40.6	7.05	47.1	8.37	50.4	9.04	53.7	9.73	60.2	11.0	63.7	10.9
		18	34.0	5.91	40.6	7.19	47.1	8.53	50.4	9.22	53.7	9.92	60.2	11.4	62.8	11.5
		20	34.0	6.02	40.6	7.33	47.1	8.79	50.4	9.68	53.7	10.6	60.2	12.0	62.0	12.0
		21	34.0	6.08	40.6	7.40	47.1	9.10	50.4	10.0	53.7	11.0	60.2	12.2	61.5	12.3
		23	34.0	6.24	40.6	7.89	47.1	9.75	50.4	10.8	53.7	11.8	59.5	12.8	60.7	12.9
		25	34.0	6.66	40.6	8.44	47.1	10.4	50.4	11.5	53.7	12.6	58.6	13.4	59.8	13.5
		27	34.0	7.10	40.6	9.01	47.1	11.1	50.4	12.3	53.7	13.5	57.7	13.9	59.0	14.0
		29	34.0	7.56	40.6	9.60	47.1	11.9	50.4	13.1	53.7	14.4	56.9	14.5	58.1	14.6
		31	34.0	8.04	40.6	10.2	47.1	12.7	50.4	14.0	53.7	14.9	56.0	15.0	57.2	15.2
		33	34.0	8.55	40.6	10.9	47.1	13.5	50.4	15.0	53.7	15.5	55.1	15.6	56.4	15.7
		35	34.0	9.09	40.6	11.6	47.1	14.4	50.4	16.0	53.1	16.0	54.3	16.2	55.5	16.3
		37	34.0	9.66	40.6	12.3	47.1	15.4	50.4	16.5	52.2	16.6	53.4	16.8	54.7	16.9
		39	34.0	10.3	40.6	13.1	47.1	16.4	50.4	17.1	51.3	17.2	52.6	17.3	53.8	17.5

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	405	10	30.6	4.93	36.5	5.94	42.4	7.01	45.4	7.57	48.3	8.14	54.2	9.29	60.1	10.5
		12	30.6	5.01	36.5	6.05	42.4	7.14	45.4	7.71	48.3	8.29	54.2	9.47	60.1	10.7
		14	30.6	5.10	36.5	6.16	42.4	7.28	45.4	7.86	48.3	8.45	54.2	9.65	60.1	10.9
		16	30.6	5.19	36.5	6.27	42.4	7.42	45.4	8.01	48.3	8.61	54.2	9.84	60.1	11.1
		18	30.6	5.28	36.5	6.39	42.4	7.56	45.4	8.16	48.3	8.78	54.2	10.0	60.1	11.4
		20	30.6	5.38	36.5	6.51	42.4	7.71	45.4	8.33	48.3	9.11	54.2	10.8	60.1	12.0
		21	30.6	5.43	36.5	6.58	42.4	7.84	45.4	8.62	48.3	9.43	54.2	11.2	60.1	12.2
		23	30.6	5.53	36.5	6.85	42.4	8.39	45.4	9.23	48.3	10.1	54.2	12.0	59.4	12.8
		25	30.6	5.82	36.5	7.31	42.4	8.97	45.4	9.87	48.3	10.8	54.2	12.8	58.6	13.3
		27	30.6	6.20	36.5	7.80	42.4	9.58	45.4	10.5	48.3	11.6	54.2	13.7	57.7	13.9
		29	30.6	6.60	36.5	8.31	42.4	10.2	45.4	11.3	48.3	12.3	54.2	14.4	56.8	14.5
		31	30.6	7.01	36.5	8.85	42.4	10.9	45.4	12.0	48.3	13.2	54.2	14.9	56.0	15.0
		33	30.6	7.45	36.5	9.41	42.4	11.6	45.4	12.8	48.3	14.1	54.0	15.5	55.1	15.6
		35	30.6	7.91	36.5	10.0	42.4	12.4	45.4	13.6	48.3	15.0	53.2	16.1	54.3	16.2
		37	30.6	8.39	36.5	10.6	42.4	13.2	45.4	14.5	48.3	16.0	52.3	16.6	53.4	16.8
		39	30.6	8.91	36.5	11.3	42.4	14.0	45.4	15.5	48.3	17.0	51.4	17.2	52.5	17.3
80	360	10	27.2	4.37	32.5	5.24	37.7	6.15	40.3	6.63	42.9	7.11	48.2	8.11	53.4	9.14
		12	27.2	4.44	32.5	5.33	37.7	6.26	40.3	6.75	42.9	7.24	48.2	8.26	53.4	9.31
		14	27.2	4.52	32.5	5.42	37.7	6.38	40.3	6.87	42.9	7.38	48.2	8.42	53.4	9.49
		16	27.2	4.59	32.5	5.52	37.7	6.50	40.3	7.00	42.9	7.52	48.2	8.58	53.4	9.67
		18	27.2	4.67	32.5	5.62	37.7	6.62	40.3	7.14	42.9	7.67	48.2	8.75	53.4	9.87
		20	27.2	4.76	32.5	5.72	37.7	6.75	40.3	7.28	42.9	7.82	48.2	9.07	53.4	10.6
		21	27.2	4.80	32.5	5.78	37.7	6.81	40.3	7.35	42.9	7.98	48.2	9.40	53.4	10.9
		23	27.2	4.89	32.5	5.89	37.7	7.15	40.3	7.83	42.9	8.54	48.2	10.1	53.4	11.7
		25	27.2	5.05	32.5	6.27	37.7	7.63	40.3	8.36	42.9	9.13	48.2	10.8	53.4	12.6
		27	27.2	5.37	32.5	6.68	37.7	8.14	40.3	8.93	42.9	9.75	48.2	11.5	53.4	13.4
		29	27.2	5.70	32.5	7.11	37.7	8.68	40.3	9.52	42.9	10.4	48.2	12.3	53.4	14.4
		31	27.2	6.06	32.5	7.56	37.7	9.24	40.3	10.1	42.9	11.1	48.2	13.1	53.4	14.9
		33	27.2	6.43	32.5	8.04	37.7	9.84	40.3	10.8	42.9	11.8	48.2	14.0	53.4	15.5
		35	27.2	6.81	32.5	8.54	37.7	10.5	40.3	11.5	42.9	12.6	48.2	14.9	53.0	16.0
		37	27.2	7.22	32.5	9.07	37.7	11.1	40.3	12.2	42.9	13.4	48.2	15.9	52.2	16.6
		39	27.2	7.65	32.5	9.63	37.7	11.8	40.3	13.0	42.9	14.3	48.2	16.9	51.3	17.2
70	315	10	23.8	3.84	28.4	4.56	33.0	5.33	35.3	5.72	37.6	6.13	42.2	6.97	46.8	7.83
		12	23.8	3.90	28.4	4.64	33.0	5.42	35.3	5.82	37.6	6.24	42.2	7.10	46.8	7.98
		14	23.8	3.96	28.4	4.72	33.0	5.51	35.3	5.93	37.6	6.35	42.2	7.23	46.8	8.13
		16	23.8	4.03	28.4	4.80	33.0	5.61	35.3	6.04	37.6	6.47	42.2	7.37	46.8	8.29
		18	23.8	4.09	28.4	4.88	33.0	5.72	35.3	6.15	37.6	6.60	42.2	7.51	46.8	8.45
		20	23.8	4.16	28.4	4.97	33.0	5.82	35.3	6.27	37.6	6.72	42.2	7.66	46.8	8.69
		21	23.8	4.20	28.4	5.01	33.0	5.88	35.3	6.33	37.6	6.79	42.2	7.78	46.8	9.00
		23	23.8	4.27	28.4	5.11	33.0	6.00	35.3	6.55	37.6	7.11	42.2	8.33	46.8	9.64
		25	23.8	4.35	28.4	5.31	33.0	6.40	35.3	6.99	37.6	7.60	42.2	8.90	46.8	10.3
		27	23.8	4.60	28.4	5.65	33.0	6.82	35.3	7.45	37.6	8.10	42.2	9.50	46.8	11.0
		29	23.8	4.88	28.4	6.01	33.0	7.26	35.3	7.93	37.6	8.64	42.2	10.1	46.8	11.8
		31	23.8	5.17	28.4	6.38	33.0	7.72	35.3	8.45	37.6	9.20	42.2	10.8	46.8	12.6
		33	23.8	5.48	28.4	6.77	33.0	8.21	35.3	8.98	37.6	9.79	42.2	11.5	46.8	13.4
		35	23.8	5.80	28.4	7.19	33.0	8.72	35.3	9.55	37.6	10.4	42.2	12.3	46.8	14.3
		37	23.8	6.14	28.4	7.62	33.0	9.27	35.3	10.2	37.6	11.1	42.2	13.1	46.8	15.2
		39	23.8	6.50	28.4	8.08	33.0	9.84	35.3	10.8	37.6	11.8	42.2	13.9	46.8	16.2
60	270	10	20.4	3.34	24.3	3.93	28.3	4.54	30.2	4.86	32.2	5.19	36.1	5.87	40.1	6.58
		12	20.4	3.39	24.3	3.99	28.3	4.62	30.2	4.95	32.2	5.28	36.1	5.98	40.1	6.70
		14	20.4	3.44	24.3	4.05	28.3	4.69	30.2	5.03	32.2	5.38	36.1	6.09	40.1	6.83
		16	20.4	3.49	24.3	4.11	28.3	4.78	30.2	5.12	32.2	5.47	36.1	6.20	40.1	6.95
		18	20.4	3.55	24.3	4.18	28.3	4.86	30.2	5.21	32.2	5.57	36.1	6.32	40.1	7.09
		20	20.4	3.60	24.3	4.25	28.3	4.95	30.2	5.31	32.2	5.68	36.1	6.44	40.1	7.23
		21	20.4	3.63	24.3	4.29	28.3	4.99	30.2	5.36	32.2	5.73	36.1	6.50	40.1	7.30
		23	20.4	3.69	24.3	4.37	28.3	5.08	30.2	5.46	32.2	5.84	36.1	6.76	40.1	7.76
		25	20.4	3.75	24.3	4.44	28.3	5.28	30.2	5.74	32.2	6.21	36.1	7.21	40.1	8.29
		27	20.4	3.89	24.3	4.71	28.3	5.62	30.2	6.11	32.2	6.61	36.1	7.69	40.1	8.85
		29	20.4	4.12	24.3	5.00	28.3	5.98	30.2	6.50	32.2	7.04	36.1	8.19	40.1	9.44
		31	20.4	4.36	24.3	5.31	28.3	6.35	30.2	6.90	32.2	7.49	36.1	8.72	40.1	10.1
		33	20.4	4.61	24.3	5.62	28.3	6.74	30.2	7.33	32.2	7.96	36.1	9.28	40.1	10.7
		35	20.4	4.88	24.3	5.96	28.3	7.15	30.2	7.79	32.2	8.45	36.1	9.87	40.1	11.4
		37	20.4	5.16	24.3	6.31	28.3	7.58	30.2	8.26	32.2	8.97	36.1	10.5	40.1	12.1
		39	20.4	5.45	24.3	6.68	28.3	8.04	30.2	8.76	32.2	9.53	36.1	11.2	40.1	12.9

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	225	10	17.0	2.87	20.3	3.33	23.6	3.81	25.2	4.06	26.8	4.31	30.1	4.84	33.4	5.40
		12	17.0	2.91	20.3	3.37	23.6	3.87	25.2	4.12	26.8	4.38	30.1	4.92	33.4	5.49
		14	17.0	2.95	20.3	3.42	23.6	3.93	25.2	4.19	26.8	4.45	30.1	5.01	33.4	5.59
		16	17.0	2.99	20.3	3.47	23.6	3.99	25.2	4.26	26.8	4.53	30.1	5.10	33.4	5.69
		18	17.0	3.03	20.3	3.53	23.6	4.05	25.2	4.33	26.8	4.61	30.1	5.19	33.4	5.79
		20	17.0	3.08	20.3	3.58	23.6	4.12	25.2	4.40	26.8	4.69	30.1	5.28	33.4	5.90
		21	17.0	3.10	20.3	3.61	23.6	4.16	25.2	4.44	26.8	4.73	30.1	5.33	33.4	5.96
		23	17.0	3.14	20.3	3.67	23.6	4.23	25.2	4.52	26.8	4.82	30.1	5.43	33.4	6.10
		25	17.0	3.19	20.3	3.73	23.6	4.30	25.2	4.61	26.8	4.96	30.1	5.71	33.4	6.50
		27	17.0	3.24	20.3	3.86	23.6	4.54	25.2	4.90	26.8	5.28	30.1	6.08	33.4	6.93
		29	17.0	3.43	20.3	4.09	23.6	4.82	25.2	5.21	26.8	5.61	30.1	6.46	33.4	7.38
		31	17.0	3.63	20.3	4.33	23.6	5.11	25.2	5.52	26.8	5.96	30.1	6.87	33.4	7.85
		33	17.0	3.83	20.3	4.58	23.6	5.41	25.2	5.86	26.8	6.32	30.1	7.30	33.4	8.35
		35	17.0	4.04	20.3	4.85	23.6	5.73	25.2	6.21	26.8	6.70	30.1	7.74	33.4	8.87
		37	17.0	4.26	20.3	5.12	23.6	6.07	25.2	6.57	26.8	7.10	30.1	8.22	33.4	9.42
		39	17.0	4.49	20.3	5.41	23.6	6.42	25.2	6.96	26.8	7.52	30.1	8.72	33.4	10.0

PA-20ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	650	10	49.1	8.29	58.6	10.1	68.1	12.1	72.8	12.3	74.3	12.1	76.0	11.6	77.8	11.0
		12	49.1	8.44	58.6	10.3	68.1	12.3	72.4	12.3	73.3	12.0	75.1	11.5	76.8	11.3
		14	49.1	8.60	58.6	10.5	68.1	12.5	71.5	12.2	72.3	11.9	74.1	11.8	75.9	11.9
		16	49.1	8.77	58.6	10.7	68.1	12.4	70.5	12.3	71.4	12.4	73.2	12.5	74.9	12.6
		18	49.1	8.94	58.6	11.0	68.1	12.9	69.5	12.9	70.4	13.0	72.2	13.1	74.0	13.2
		20	49.1	9.12	58.6	11.7	67.7	13.5	68.6	13.6	69.5	13.6	71.3	13.8	73.0	13.9
		21	49.1	9.37	58.6	12.1	67.2	13.8	68.1	13.9	69.0	13.9	70.8	14.1	72.5	14.2
		23	49.1	10.0	58.6	13.0	66.3	14.4	67.2	14.5	68.0	14.6	69.8	14.7	71.6	14.9
		25	49.1	10.7	58.6	13.9	65.3	15.1	66.2	15.1	67.1	15.2	68.9	15.4	70.6	15.5
		27	49.1	11.5	58.6	14.8	64.4	15.7	65.2	15.8	66.1	15.9	67.9	16.0	69.7	16.2
		29	49.1	12.2	58.6	15.9	63.4	16.3	64.3	16.4	65.2	16.5	66.9	16.7	68.7	16.9
		31	49.1	13.0	58.6	16.8	62.4	17.0	63.3	17.1	64.2	17.2	66.0	17.3	67.8	17.5
		33	49.1	13.9	58.6	17.4	61.5	17.6	62.4	17.7	63.3	17.8	65.0	18.0	66.8	18.2
		35	49.1	14.8	58.6	18.1	60.5	18.3	61.4	18.4	62.3	18.5	64.1	18.7	65.8	18.9
		37	49.1	15.8	57.8	18.7	59.6	18.9	60.5	19.0	61.3	19.1	63.1	19.3	64.9	19.6
		39	49.1	16.8	56.8	19.3	58.6	19.6	59.5	19.7	60.4	19.8	62.2	20.0	63.9	20.3
120	600	10	45.4	7.57	54.1	9.25	62.8	11.0	67.2	11.9	71.6	12.4	74.8	11.9	76.4	11.5
		12	45.4	7.71	54.1	9.42	62.8	11.2	67.2	12.1	71.6	12.3	73.8	11.9	75.5	11.4
		14	45.4	7.85	54.1	9.60	62.8	11.4	67.2	12.3	71.2	12.3	72.9	11.8	74.5	11.9
		16	45.4	8.00	54.1	9.79	62.8	11.6	67.2	12.4	70.3	12.3	71.9	12.4	73.5	12.5
		18	45.4	8.16	54.1	10.0	62.8	12.0	67.2	12.9	69.3	12.9	71.0	13.0	72.6	13.1
		20	45.4	8.32	54.1	10.4	62.8	12.9	67.2	13.5	68.4	13.5	70.0	13.7	71.6	13.8
		21	45.4	8.40	54.1	10.7	62.8	13.4	67.1	13.8	67.9	13.9	69.5	14.0	71.2	14.1
		23	45.4	8.97	54.1	11.5	62.8	14.4	66.1	14.4	66.9	14.5	68.6	14.6	70.2	14.8
		25	45.4	9.59	54.1	12.3	62.8	15.0	65.2	15.1	66.0	15.1	67.6	15.3	69.2	15.4
		27	45.4	10.2	54.1	13.2	62.8	15.6	64.2	15.7	65.0	15.8	66.7	15.9	68.3	16.1
		29	45.4	10.9	54.1	14.1	62.4	16.2	63.2	16.3	64.1	16.4	65.7	16.6	67.3	16.7
		31	45.4	11.6	54.1	15.0	61.5	16.9	62.3	17.0	63.1	17.0	64.7	17.2	66.4	17.4
		33	45.4	12.4	54.1	16.0	60.5	17.5	61.3	17.6	62.1	17.7	63.8	17.9	65.4	18.1
		35	45.4	13.2	54.1	17.1	59.6	18.1	60.4	18.2	61.2	18.3	62.8	18.5	64.5	18.7
		37	45.4	14.0	54.1	18.2	58.6	18.8	59.4	18.9	60.2	19.0	61.9	19.2	63.5	19.4
		39	45.4	14.9	54.1	19.2	57.6	19.4	58.5	19.5	59.3	19.6	60.9	19.9	62.5	20.1
110	550	10	41.6	6.88	49.6	8.37	57.6	9.94	61.6	10.7	65.6	11.6	73.5	12.3	75.0	11.9
		12	41.6	7.00	49.6	8.53	57.6	10.1	61.6	11.0	65.6	11.8	72.6	12.2	74.1	11.8
		14	41.6	7.13	49.6	8.69	57.6	10.3	61.6	11.2	65.6	12.0	71.6	12.1	73.1	11.8
		16	41.6	7.26	49.6	8.86	57.6	10.5	61.6	11.4	65.6	12.2	70.7	12.3	72.2	12.4
		18	41.6	7.40	49.6	9.03	57.6	10.7	61.6	11.7	65.6	12.8	69.7	12.9	71.2	13.0
		20	41.6	7.54	49.6	9.21	57.6	11.4	61.6	12.6	65.6	13.5	68.7	13.6	70.2	13.7
		21	41.6	7.62	49.6	9.49	57.6	11.8	61.6	13.0	65.6	13.8	68.3	13.9	69.8	14.0
		23	41.6	7.97	49.6	10.2	57.6	12.6	61.6	14.0	65.6	14.4	67.3	14.5	68.8	14.6
		25	41.6	8.51	49.6	10.9	57.6	13.5	61.6	15.0	64.9	15.0	66.4	15.2	67.9	15.3
		27	41.6	9.08	49.6	11.6	57.6	14.5	61.6	15.6	63.9	15.7	65.4	15.8	66.9	15.9
		29	41.6	9.68	49.6	12.4	57.6	15.5	61.6	16.2	62.9	16.3	64.4	16.4	65.9	16.6
		31	41.6	10.3	49.6	13.2	57.6	16.5	61.2	16.8	62.0	16.9	63.5	17.1	65.0	17.2
		33	41.6	11.0	49.6	14.1	57.6	17.4	60.3	17.5	61.0	17.6	62.5	17.7	64.0	17.9
		35	41.6	11.7	49.6	15.0	57.6	18.0	59.3	18.1	60.1	18.2	61.6	18.4	63.1	18.6
		37	41.6	12.4	49.6	16.0	57.6	18.7	58.4	18.8	59.1	18.9	60.6	19.0	62.1	19.2
		39	41.6	13.2	49.6	17.0	56.7	19.3	57.4	19.4	58.2	19.5	59.7	19.7	61.2	19.9
100	500	10	37.8	6.20	45.1	7.52	52.4	8.91	56.0	9.63	59.6	10.4	66.9	11.8	73.6	12.2
		12	37.8	6.31	45.1	7.66	52.4	9.08	56.0	9.81	59.6	10.6	66.9	12.1	72.7	12.2
		14	37.8	6.42	45.1	7.80	52.4	9.25	56.0	10.0	59.6	10.8	66.9	12.3	71.7	12.1
		16	37.8	6.54	45.1	7.95	52.4	9.43	56.0	10.2	59.6	11.0	66.9	12.5	70.8	12.3
		18	37.8	6.66	45.1	8.10	52.4	9.62	56.0	10.4	59.6	11.2	66.9	12.9	69.8	12.9
		20	37.8	6.79	45.1	8.26	52.4	9.91	56.0	10.9	59.6	12.0	66.9	13.5	68.9	13.6
		21	37.8	6.85	45.1	8.34	52.4	10.3	56.0	11.3	59.6	12.4	66.9	13.8	68.4	13.9
		23	37.8	7.03	45.1	8.90	52.4	11.0	56.0	12.1	59.6	13.3	66.1	14.4	67.4	14.5
		25	37.8	7.51	45.1	9.51	52.4	11.8	56.0	13.0	59.6	14.2	65.1	15.0	66.5	15.2
		27	37.8	8.00	45.1	10.1	52.4	12.6	56.0	13.9	59.6	15.2	64.1	15.7	65.5	15.8
		29	37.8	8.52	45.1	10.8	52.4	13.4	56.0	14.8	59.6	16.2	63.2	16.3	64.6	16.5
		31	37.8	9.07	45.1	11.5	52.4	14.3	56.0	15.8	59.6	16.8	62.2	17.0	63.6	17.1
		33	37.8	9.64	45.1	12.3	52.4	15.3	56.0	16.9	59.6	17.4	61.3	17.6	62.6	17.7
		35	37.8	10.2	45.1	13.1	52.4	16.3	56.0	18.0	59.0	18.1	60.3	18.2	61.7	18.4
		37	37.8	10.9	45.1	13.9	52.4	17.3	56.0	18.6	58.0	18.7	59.4	18.9	60.7	19.1
		39	37.8	11.6	45.1	14.8	52.4	18.5	56.0	19.3	57.0	19.4	58.4	19.5	59.8	19.7

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	450	10	34.0	5.55	40.6	6.70	47.1	7.91	50.4	8.53	53.7	9.17	60.2	10.5	66.8	11.8
		12	34.0	5.65	40.6	6.81	47.1	8.05	50.4	8.69	53.7	9.34	60.2	10.7	66.8	12.0
		14	34.0	5.74	40.6	6.94	47.1	8.20	50.4	8.85	53.7	9.52	60.2	10.9	66.8	12.3
		16	34.0	5.84	40.6	7.07	47.1	8.36	50.4	9.03	53.7	9.70	60.2	11.1	66.8	12.5
		18	34.0	5.95	40.6	7.20	47.1	8.52	50.4	9.20	53.7	9.90	60.2	11.3	66.8	12.8
		20	34.0	6.06	40.6	7.34	47.1	8.69	50.4	9.39	53.7	10.3	60.2	12.2	66.8	13.5
		21	34.0	6.12	40.6	7.41	47.1	8.84	50.4	9.71	53.7	10.6	60.2	12.6	66.8	13.8
		23	34.0	6.23	40.6	7.72	47.1	9.46	50.4	10.4	53.7	11.4	60.2	13.5	66.0	14.4
		25	34.0	6.56	40.6	8.24	47.1	10.1	50.4	11.1	53.7	12.2	60.2	14.5	65.1	15.0
		27	34.0	6.99	40.6	8.79	47.1	10.8	50.4	11.9	53.7	13.0	60.2	15.5	64.1	15.7
		29	34.0	7.44	40.6	9.36	47.1	11.5	50.4	12.7	53.7	13.9	60.2	16.2	63.2	16.3
		31	34.0	7.90	40.6	9.97	47.1	12.3	50.4	13.5	53.7	14.9	60.2	16.8	62.2	17.0
		33	34.0	8.40	40.6	10.6	47.1	13.1	50.4	14.4	53.7	15.8	60.0	17.5	61.3	17.6
		35	34.0	8.92	40.6	11.3	47.1	13.9	50.4	15.4	53.7	16.9	59.1	18.1	60.3	18.2
		37	34.0	9.46	40.6	12.0	47.1	14.8	50.4	16.4	53.7	18.0	58.1	18.7	59.3	18.9
		39	34.0	10.0	40.6	12.7	47.1	15.8	50.4	17.4	53.7	19.2	57.2	19.4	58.4	19.5
80	400	10	30.2	4.93	36.1	5.90	41.9	6.93	44.8	7.47	47.7	8.02	53.5	9.1	59.4	10.3
		12	30.2	5.01	36.1	6.00	41.9	7.06	44.8	7.61	47.7	8.17	53.5	9.3	59.4	10.5
		14	30.2	5.09	36.1	6.11	41.9	7.19	44.8	7.75	47.7	8.32	53.5	9.5	59.4	10.7
		16	30.2	5.18	36.1	6.22	41.9	7.32	44.8	7.89	47.7	8.48	53.5	9.7	59.4	10.9
		18	30.2	5.27	36.1	6.33	41.9	7.46	44.8	8.05	47.7	8.64	53.5	9.9	59.4	11.1
		20	30.2	5.36	36.1	6.45	41.9	7.61	44.8	8.20	47.7	8.82	53.5	10.2	59.4	11.9
		21	30.2	5.41	36.1	6.51	41.9	7.68	44.8	8.29	47.7	9.00	53.5	10.6	59.4	12.3
		23	30.2	5.51	36.1	6.64	41.9	8.05	44.8	8.82	47.7	9.63	53.5	11.3	59.4	13.2
		25	30.2	5.69	36.1	7.07	41.9	8.60	44.8	9.43	47.7	10.3	53.5	12.1	59.4	14.1
		27	30.2	6.05	36.1	7.53	41.9	9.18	44.8	10.1	47.7	11.0	53.5	13.0	59.4	15.1
		29	30.2	6.43	36.1	8.01	41.9	9.78	44.8	10.7	47.7	11.7	53.5	13.9	59.4	16.2
		31	30.2	6.83	36.1	8.52	41.9	10.4	44.8	11.4	47.7	12.5	53.5	14.8	59.4	16.8
		33	30.2	7.24	36.1	9.06	41.9	11.1	44.8	12.2	47.7	13.3	53.5	15.8	59.4	17.4
		35	30.2	7.68	36.1	9.62	41.9	11.8	44.8	13.0	47.7	14.2	53.5	16.8	58.9	18.1
		37	30.2	8.14	36.1	10.2	41.9	12.5	44.8	13.8	47.7	15.1	53.5	17.9	57.9	18.7
		39	30.2	8.63	36.1	10.8	41.9	13.3	44.8	14.7	47.7	16.1	53.5	19.1	57.0	19.4
70	350	10	26.5	4.33	31.6	5.14	36.7	6.00	39.2	6.45	41.7	6.91	46.8	7.85	51.9	8.83
		12	26.5	4.40	31.6	5.23	36.7	6.11	39.2	6.56	41.7	7.03	46.8	8.00	51.9	9.00
		14	26.5	4.47	31.6	5.32	36.7	6.21	39.2	6.68	41.7	7.16	46.8	8.15	51.9	9.17
		16	26.5	4.54	31.6	5.41	36.7	6.33	39.2	6.81	41.7	7.29	46.8	8.30	51.9	9.34
		18	26.5	4.61	31.6	5.50	36.7	6.44	39.2	6.93	41.7	7.43	46.8	8.46	51.9	9.53
		20	26.5	4.69	31.6	5.60	36.7	6.56	39.2	7.07	41.7	7.58	46.8	8.63	51.9	9.79
		21	26.5	4.73	31.6	5.65	36.7	6.63	39.2	7.13	41.7	7.65	46.8	8.77	51.9	10.1
		23	26.5	4.81	31.6	5.76	36.7	6.76	39.2	7.38	41.7	8.02	46.8	9.38	51.9	10.9
		25	26.5	4.90	31.6	5.99	36.7	7.21	39.2	7.87	41.7	8.56	46.8	10.0	51.9	11.6
		27	26.5	5.18	31.6	6.37	36.7	7.69	39.2	8.40	41.7	9.14	46.8	10.7	51.9	12.4
		29	26.5	5.50	31.6	6.77	36.7	8.18	39.2	8.94	41.7	9.74	46.8	11.4	51.9	13.3
		31	26.5	5.83	31.6	7.19	36.7	8.71	39.2	9.52	41.7	10.4	46.8	12.2	51.9	14.1
		33	26.5	6.18	31.6	7.64	36.7	9.25	39.2	10.1	41.7	11.0	46.8	13.0	51.9	15.1
		35	26.5	6.54	31.6	8.10	36.7	9.83	39.2	10.8	41.7	11.7	46.8	13.8	51.9	16.1
		37	26.5	6.93	31.6	8.59	36.7	10.4	39.2	11.4	41.7	12.5	46.8	14.7	51.9	17.1
		39	26.5	7.33	31.6	9.11	36.7	11.1	39.2	12.2	41.7	13.3	46.8	15.7	51.9	18.2
60	300	10	22.7	3.77	27.0	4.42	31.4	5.12	33.6	5.48	35.8	5.85	40.2	6.62	44.5	7.42
		12	22.7	3.82	27.0	4.49	31.4	5.20	33.6	5.57	35.8	5.95	40.2	6.74	44.5	7.55
		14	22.7	3.88	27.0	4.56	31.4	5.29	33.6	5.67	35.8	6.06	40.2	6.86	44.5	7.69
		16	22.7	3.94	27.0	4.64	31.4	5.38	33.6	5.77	35.8	6.17	40.2	6.99	44.5	7.84
		18	22.7	4.00	27.0	4.71	31.4	5.48	33.6	5.87	35.8	6.28	40.2	7.12	44.5	7.99
		20	22.7	4.06	27.0	4.79	31.4	5.57	33.6	5.98	35.8	6.40	40.2	7.26	44.5	8.15
		21	22.7	4.09	27.0	4.84	31.4	5.63	33.6	6.04	35.8	6.46	40.2	7.33	44.5	8.23
		23	22.7	4.16	27.0	4.92	31.4	5.73	33.6	6.15	35.8	6.58	40.2	7.61	44.5	8.75
		25	22.7	4.23	27.0	5.01	31.4	5.95	33.6	6.46	35.8	7.00	40.2	8.13	44.5	9.35
		27	22.7	4.38	27.0	5.31	31.4	6.34	33.6	6.88	35.8	7.45	40.2	8.67	44.5	9.98
		29	22.7	4.64	27.0	5.64	31.4	6.73	33.6	7.32	35.8	7.93	40.2	9.24	44.5	10.6
		31	22.7	4.92	27.0	5.98	31.4	7.15	33.6	7.78	35.8	8.44	40.2	9.83	44.5	11.3
		33	22.7	5.20	27.0	6.34	31.4	7.59	33.6	8.27	35.8	8.97	40.2	10.5	44.5	12.1
		35	22.7	5.50	27.0	6.71	31.4	8.06	33.6	8.78	35.8	9.53	40.2	11.1	44.5	12.9
		37	22.7	5.81	27.0	7.11	31.4	8.54	33.6	9.31	35.8	10.1	40.2	11.8	44.5	13.7
		39	22.7	6.14	27.0	7.52	31.4	9.06	33.6	9.88	35.8	10.7	40.2	12.6	44.5	14.5

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	250	10	18.9	3.24	22.5	3.75	26.2	4.29	28.0	4.57	29.8	4.86	33.5	5.46	37.1	6.08
		12	18.9	3.28	22.5	3.80	26.2	4.36	28.0	4.64	29.8	4.94	33.5	5.55	37.1	6.19
		14	18.9	3.33	22.5	3.86	26.2	4.42	28.0	4.72	29.8	5.02	33.5	5.65	37.1	6.30
		16	18.9	3.37	22.5	3.92	26.2	4.49	28.0	4.80	29.8	5.11	33.5	5.75	37.1	6.41
		18	18.9	3.42	22.5	3.98	26.2	4.57	28.0	4.88	29.8	5.19	33.5	5.85	37.1	6.53
		20	18.9	3.47	22.5	4.04	26.2	4.64	28.0	4.96	29.8	5.28	33.5	5.96	37.1	6.65
		21	18.9	3.49	22.5	4.07	26.2	4.68	28.0	5.00	29.8	5.33	33.5	6.01	37.1	6.72
		23	18.9	3.54	22.5	4.14	26.2	4.77	28.0	5.09	29.8	5.43	33.5	6.12	37.1	6.87
		25	18.9	3.60	22.5	4.20	26.2	4.85	28.0	5.20	29.8	5.59	33.5	6.43	37.1	7.33
		27	18.9	3.66	22.5	4.35	26.2	5.12	28.0	5.53	29.8	5.95	33.5	6.85	37.1	7.81
		29	18.9	3.87	22.5	4.61	26.2	5.43	28.0	5.87	29.8	6.32	33.5	7.28	37.1	8.32
		31	18.9	4.09	22.5	4.88	26.2	5.76	28.0	6.23	29.8	6.71	33.5	7.74	37.1	8.85
		33	18.9	4.31	22.5	5.17	26.2	6.10	28.0	6.60	29.8	7.12	33.5	8.22	37.1	9.41
		35	18.9	4.55	22.5	5.46	26.2	6.46	28.0	7.00	29.8	7.55	33.5	8.73	37.1	10.0
		37	18.9	4.80	22.5	5.77	26.2	6.84	28.0	7.41	29.8	8.00	33.5	9.26	37.1	10.6
		39	18.9	5.06	22.5	6.10	26.2	7.24	28.0	7.85	29.8	8.48	33.5	9.83	37.1	11.3

PA-22ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	715	10	54.0	9.00	64.4	11.0	74.8	13.1	80.0	13.4	81.6	13.1	83.5	12.6	85.4	12.0
		12	54.0	9.17	64.4	11.2	74.8	13.4	79.5	13.3	80.5	13.0	82.5	12.5	84.4	12.3
		14	54.0	9.34	64.4	11.4	74.8	13.5	78.5	13.2	79.5	13.0	81.4	12.9	83.3	13.0
		16	54.0	9.52	64.4	11.7	74.8	13.5	77.4	13.4	78.4	13.4	80.3	13.6	82.3	13.7
		18	54.0	9.71	64.4	11.9	74.8	14.0	76.4	14.0	77.4	14.1	79.3	14.2	81.2	14.4
		20	54.0	9.90	64.4	12.7	74.4	14.7	75.3	14.7	76.3	14.8	78.2	14.9	80.2	15.1
		21	54.0	10.2	64.4	13.1	73.8	15.0	74.8	15.1	75.8	15.1	77.7	15.3	79.7	15.4
		23	54.0	10.9	64.4	14.1	72.8	15.7	73.8	15.8	74.7	15.8	76.7	16.0	78.6	16.2
		25	54.0	11.7	64.4	15.1	71.7	16.4	72.7	16.4	73.7	16.5	75.6	16.7	77.6	16.9
		27	54.0	12.4	64.4	16.1	70.7	17.1	71.7	17.1	72.6	17.2	74.6	17.4	76.5	17.6
		29	54.0	13.3	64.4	17.2	69.6	17.7	70.6	17.8	71.6	17.9	73.5	18.1	75.5	18.3
		31	54.0	14.2	64.4	18.2	68.6	18.4	69.6	18.5	70.5	18.6	72.5	18.8	74.4	19.0
		33	54.0	15.1	64.4	18.9	67.5	19.1	68.5	19.2	69.5	19.3	71.4	19.6	73.4	19.8
		35	54.0	16.1	64.4	19.6	66.5	19.8	67.5	19.9	68.4	20.1	70.4	20.3	72.3	20.5
		37	54.0	17.1	63.5	20.3	65.4	20.5	66.4	20.7	67.4	20.8	69.3	21.0	71.3	21.3
		39	54.0	18.2	62.4	21.0	64.4	21.2	65.4	21.4	66.3	21.5	68.3	21.7	70.2	22.0
120	660	10	49.8	8.22	59.4	10.0	69.0	11.9	73.8	12.9	78.6	13.5	82.1	12.9	83.9	12.4
		12	49.8	8.38	59.4	10.2	69.0	12.2	73.8	13.2	78.6	13.4	81.1	12.9	82.9	12.4
		14	49.8	8.53	59.4	10.4	69.0	12.4	73.8	13.4	78.2	13.3	80.0	12.8	81.8	12.9
		16	49.8	8.69	59.4	10.6	69.0	12.6	73.8	13.5	77.2	13.3	79.0	13.5	80.8	13.6
		18	49.8	8.86	59.4	10.8	69.0	13.1	73.8	14.0	76.1	14.0	77.9	14.2	79.7	14.3
		20	49.8	9.04	59.4	11.3	69.0	14.1	73.8	14.6	75.1	14.7	76.9	14.8	78.7	15.0
		21	49.8	9.13	59.4	11.7	69.0	14.6	73.7	15.0	74.6	15.0	76.3	15.2	78.1	15.3
		23	49.8	9.75	59.4	12.5	69.0	15.6	72.6	15.7	73.5	15.7	75.3	15.9	77.1	16.0
		25	49.8	10.4	59.4	13.4	69.0	16.3	71.6	16.3	72.5	16.4	74.2	16.6	76.0	16.7
		27	49.8	11.1	59.4	14.3	69.0	17.0	70.5	17.0	71.4	17.1	73.2	17.3	75.0	17.5
		29	49.8	11.9	59.4	15.3	68.6	17.6	69.5	17.7	70.4	17.8	72.1	18.0	73.9	18.2
		31	49.8	12.6	59.4	16.3	67.5	18.3	68.4	18.4	69.3	18.5	71.1	18.7	72.9	18.9
		33	49.8	13.5	59.4	17.4	66.5	19.0	67.4	19.1	68.2	19.2	70.0	19.4	71.8	19.6
		35	49.8	14.3	59.4	18.6	65.4	19.7	66.3	19.8	67.2	19.9	69.0	20.1	70.8	20.3
		37	49.8	15.3	59.4	19.8	64.4	20.4	65.3	20.5	66.1	20.6	67.9	20.8	69.7	21.1
		39	49.8	16.2	59.4	20.9	63.3	21.1	64.2	21.2	65.1	21.3	66.9	21.6	68.7	21.8
110	605	10	45.7	7.47	54.5	9.10	63.3	10.8	67.7	11.7	72.0	12.6	80.8	13.3	82.4	12.9
		12	45.7	7.60	54.5	9.26	63.3	11.0	67.7	11.9	72.0	12.8	79.7	13.3	81.3	12.8
		14	45.7	7.74	54.5	9.44	63.3	11.2	67.7	12.1	72.0	13.0	78.6	13.2	80.3	12.8
		16	45.7	7.89	54.5	9.62	63.3	11.4	67.7	12.4	72.0	13.3	77.6	13.4	79.2	13.5
		18	45.7	8.04	54.5	9.81	63.3	11.7	67.7	12.7	72.0	13.9	76.5	14.1	78.2	14.2
		20	45.7	8.19	54.5	10.0	63.3	12.4	67.7	13.6	72.0	14.6	75.5	14.7	77.1	14.9
		21	45.7	8.27	54.5	10.3	63.3	12.8	67.7	14.1	72.0	15.0	75.0	15.1	76.6	15.2
		23	45.7	8.66	54.5	11.0	63.3	13.7	67.7	15.2	72.0	15.6	73.9	15.8	75.6	15.9
		25	45.7	9.25	54.5	11.8	63.3	14.7	67.7	16.2	71.2	16.3	72.9	16.5	74.5	16.6
		27	45.7	9.87	54.5	12.6	63.3	15.7	67.7	16.9	70.2	17.0	71.8	17.2	73.5	17.3
		29	45.7	10.5	54.5	13.5	63.3	16.8	67.7	17.6	69.1	17.7	70.8	17.9	72.4	18.0
		31	45.7	11.2	54.5	14.4	63.3	17.9	67.3	18.3	68.1	18.4	69.7	18.6	71.4	18.7
		33	45.7	11.9	54.5	15.3	63.3	18.9	66.2	19.0	67.0	19.1	68.7	19.3	70.3	19.4
		35	45.7	12.7	54.5	16.3	63.3	19.6	65.2	19.7	66.0	19.8	67.6	20.0	69.3	20.2
		37	45.7	13.5	54.5	17.4	63.3	20.3	64.1	20.4	64.9	20.5	66.6	20.7	68.2	20.9
		39	45.7	14.3	54.5	18.5	62.2	21.0	63.0	21.1	63.9	21.2	65.5	21.4	67.2	21.6
100	550	10	41.5	6.74	49.5	8.17	57.5	9.68	61.5	10.5	65.5	11.2	73.5	12.9	80.9	13.3
		12	41.5	6.85	49.5	8.32	57.5	9.86	61.5	10.7	65.5	11.5	73.5	13.1	79.8	13.2
		14	41.5	6.98	49.5	8.47	57.5	10.0	61.5	10.9	65.5	11.7	73.5	13.3	78.8	13.2
		16	41.5	7.10	49.5	8.63	57.5	10.2	61.5	11.1	65.5	11.9	73.5	13.5	77.7	13.4
		18	41.5	7.24	49.5	8.80	57.5	10.4	61.5	11.3	65.5	12.1	73.5	14.0	76.7	14.1
		20	41.5	7.37	49.5	8.97	57.5	10.8	61.5	11.9	65.5	13.0	73.5	14.6	75.6	14.7
		21	41.5	7.44	49.5	9.06	57.5	11.1	61.5	12.3	65.5	13.5	73.5	15.0	75.1	15.1
		23	41.5	7.64	49.5	9.66	57.5	11.9	61.5	13.2	65.5	14.4	72.5	15.7	74.0	15.8
		25	41.5	8.15	49.5	10.3	57.5	12.8	61.5	14.1	65.5	15.5	71.5	16.3	73.0	16.5
		27	41.5	8.69	49.5	11.0	57.5	13.6	61.5	15.1	65.5	16.6	70.4	17.0	71.9	17.2
		29	41.5	9.25	49.5	11.8	57.5	14.6	61.5	16.1	65.5	17.6	69.4	17.7	70.9	17.9
		31	41.5	9.85	49.5	12.5	57.5	15.5	61.5	17.2	65.5	18.3	68.3	18.4	69.8	18.6
		33	41.5	10.5	49.5	13.3	57.5	16.6	61.5	18.3	65.5	18.9	67.3	19.1	68.8	19.3
		35	41.5	11.1	49.5	14.2	57.5	17.7	61.5	19.6	64.7	19.6	66.2	19.8	67.7	20.0
		37	41.5	11.8	49.5	15.1	57.5	18.8	61.5	20.2	63.7	20.3	65.2	20.5	66.7	20.7
		39	41.5	12.6	49.5	16.1	57.5	20.1	61.5	20.9	62.6	21.0	64.1	21.2	65.6	21.4

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	495	10	37.4	6.03	44.6	7.27	51.8	8.59	55.4	9.27	58.9	9.96	66.1	11.4	73.3	12.8
		12	37.4	6.13	44.6	7.40	51.8	8.74	55.4	9.44	58.9	10.1	66.1	11.6	73.3	13.1
		14	37.4	6.24	44.6	7.54	51.8	8.91	55.4	9.62	58.9	10.3	66.1	11.8	73.3	13.3
		16	37.4	6.35	44.6	7.68	51.8	9.08	55.4	9.80	58.9	10.5	66.1	12.0	73.3	13.5
		18	37.4	6.46	44.6	7.82	51.8	9.25	55.4	10.0	58.9	10.7	66.1	12.3	73.3	14.0
		20	37.4	6.58	44.6	7.97	51.8	9.44	55.4	10.2	58.9	11.1	66.1	13.2	73.3	14.6
		21	37.4	6.64	44.6	8.05	51.8	9.60	55.4	10.6	58.9	11.5	66.1	13.7	73.3	15.0
		23	37.4	6.77	44.6	8.38	51.8	10.3	55.4	11.3	58.9	12.4	66.1	14.7	72.5	15.7
		25	37.4	7.13	44.6	8.95	51.8	11.0	55.4	12.1	58.9	13.2	66.1	15.7	71.5	16.3
		27	37.4	7.59	44.6	9.55	51.8	11.7	55.4	12.9	58.9	14.2	66.1	16.8	70.4	17.0
		29	37.4	8.08	44.6	10.2	51.8	12.5	55.4	13.8	58.9	15.1	66.1	17.6	69.4	17.7
		31	37.4	8.58	44.6	10.8	51.8	13.3	55.4	14.7	58.9	16.1	66.1	18.3	68.3	18.4
		33	37.4	9.12	44.6	11.5	51.8	14.2	55.4	15.7	58.9	17.2	65.9	19.0	67.3	19.1
		35	37.4	9.68	44.6	12.3	51.8	15.1	55.4	16.7	58.9	18.3	64.9	19.7	66.2	19.8
		37	37.4	10.3	44.6	13.0	51.8	16.1	55.4	17.8	58.9	19.5	63.8	20.3	65.2	20.5
		39	37.4	10.9	44.6	13.8	51.8	17.2	55.4	18.9	58.9	20.8	62.8	21.0	64.1	21.2
80	440	10	33.2	5.35	39.6	6.41	46.0	7.53	49.2	8.11	52.4	8.71	58.8	9.93	65.2	11.2
		12	33.2	5.44	39.6	6.52	46.0	7.67	49.2	8.26	52.4	8.87	58.8	10.1	65.2	11.4
		14	33.2	5.53	39.6	6.63	46.0	7.81	49.2	8.41	52.4	9.03	58.8	10.3	65.2	11.6
		16	33.2	5.62	39.6	6.75	46.0	7.95	49.2	8.57	52.4	9.21	58.8	10.5	65.2	11.8
		18	33.2	5.72	39.6	6.88	46.0	8.10	49.2	8.74	52.4	9.39	58.8	10.7	65.2	12.1
		20	33.2	5.82	39.6	7.01	46.0	8.26	49.2	8.91	52.4	9.57	58.8	11.1	65.2	12.9
		21	33.2	5.87	39.6	7.07	46.0	8.34	49.2	9.00	52.4	9.77	58.8	11.5	65.2	13.4
		23	33.2	5.98	39.6	7.21	46.0	8.75	49.2	9.58	52.4	10.5	58.8	12.3	65.2	14.3
		25	33.2	6.18	39.6	7.67	46.0	9.34	49.2	10.2	52.4	11.2	58.8	13.2	65.2	15.4
		27	33.2	6.57	39.6	8.18	46.0	9.97	49.2	10.9	52.4	11.9	58.8	14.1	65.2	16.4
		29	33.2	6.98	39.6	8.70	46.0	10.6	49.2	11.7	52.4	12.7	58.8	15.1	65.2	17.6
		31	33.2	7.41	39.6	9.26	46.0	11.3	49.2	12.4	52.4	13.6	58.8	16.1	65.2	18.3
		33	33.2	7.87	39.6	9.84	46.0	12.0	49.2	13.2	52.4	14.5	58.8	17.1	65.2	18.9
		35	33.2	8.34	39.6	10.5	46.0	12.8	49.2	14.1	52.4	15.4	58.8	18.3	64.7	19.6
		37	33.2	8.84	39.6	11.1	46.0	13.6	49.2	15.0	52.4	16.4	58.8	19.5	63.6	20.3
		39	33.2	9.37	39.6	11.8	46.0	14.5	49.2	15.9	52.4	17.5	58.8	20.7	62.6	21.0
70	385	10	29.1	4.71	34.7	5.59	40.3	6.52	43.1	7.01	45.8	7.50	51.4	8.53	57.0	9.59
		12	29.1	4.78	34.7	5.68	40.3	6.63	43.1	7.13	45.8	7.64	51.4	8.69	57.0	9.77
		14	29.1	4.85	34.7	5.77	40.3	6.75	43.1	7.26	45.8	7.78	51.4	8.85	57.0	9.96
		16	29.1	4.93	34.7	5.87	40.3	6.87	43.1	7.39	45.8	7.92	51.4	9.02	57.0	10.1
		18	29.1	5.01	34.7	5.98	40.3	7.00	43.1	7.53	45.8	8.07	51.4	9.19	57.0	10.3
		20	29.1	5.10	34.7	6.08	40.3	7.13	43.1	7.67	45.8	8.23	51.4	9.38	57.0	10.6
		21	29.1	5.14	34.7	6.14	40.3	7.20	43.1	7.75	45.8	8.31	51.4	9.52	57.0	11.0
		23	29.1	5.23	34.7	6.25	40.3	7.35	43.1	8.01	45.8	8.71	51.4	10.2	57.0	11.8
		25	29.1	5.32	34.7	6.50	40.3	7.84	43.1	8.55	45.8	9.30	51.4	10.9	57.0	12.6
		27	29.1	5.63	34.7	6.92	40.3	8.35	43.1	9.12	45.8	9.92	51.4	11.6	57.0	13.5
		29	29.1	5.97	34.7	7.35	40.3	8.89	43.1	9.71	45.8	10.6	51.4	12.4	57.0	14.4
		31	29.1	6.33	34.7	7.81	40.3	9.46	43.1	10.3	45.8	11.3	51.4	13.2	57.0	15.4
		33	29.1	6.71	34.7	8.29	40.3	10.1	43.1	11.0	45.8	12.0	51.4	14.1	57.0	16.4
		35	29.1	7.11	34.7	8.80	40.3	10.7	43.1	11.7	45.8	12.8	51.4	15.0	57.0	17.5
		37	29.1	7.52	34.7	9.33	40.3	11.3	43.1	12.4	45.8	13.6	51.4	16.0	57.0	18.6
		39	29.1	7.96	34.7	9.89	40.3	12.0	43.1	13.2	45.8	14.4	51.4	17.0	57.0	19.8
60	330	10	24.9	4.09	29.7	4.81	34.5	5.56	36.9	5.95	39.3	6.36	44.1	7.19	48.9	8.06
		12	24.9	4.15	29.7	4.88	34.5	5.65	36.9	6.05	39.3	6.47	44.1	7.32	48.9	8.20
		14	24.9	4.21	29.7	4.96	34.5	5.75	36.9	6.16	39.3	6.58	44.1	7.45	48.9	8.36
		16	24.9	4.28	29.7	5.04	34.5	5.85	36.9	6.27	39.3	6.70	44.1	7.59	48.9	8.51
		18	24.9	4.34	29.7	5.12	34.5	5.95	36.9	6.38	39.3	6.82	44.1	7.73	48.9	8.68
		20	24.9	4.41	29.7	5.21	34.5	6.05	36.9	6.50	39.3	6.95	44.1	7.88	48.9	8.85
		21	24.9	4.44	29.7	5.25	34.5	6.11	36.9	6.56	39.3	7.01	44.1	7.96	48.9	8.94
		23	24.9	4.52	29.7	5.34	34.5	6.22	36.9	6.68	39.3	7.15	44.1	8.27	48.9	9.50
		25	24.9	4.59	29.7	5.44	34.5	6.47	36.9	7.02	39.3	7.60	44.1	8.83	48.9	10.2
		27	24.9	4.76	29.7	5.77	34.5	6.88	36.9	7.48	39.3	8.10	44.1	9.41	48.9	10.8
		29	24.9	5.04	29.7	6.12	34.5	7.31	36.9	7.95	39.3	8.62	44.1	10.0	48.9	11.6
		31	24.9	5.34	29.7	6.49	34.5	7.77	36.9	8.45	39.3	9.16	44.1	10.7	48.9	12.3
		33	24.9	5.65	29.7	6.88	34.5	8.25	36.9	8.98	39.3	9.74	44.1	11.4	48.9	13.1
		35	24.9	5.97	29.7	7.29	34.5	8.75	36.9	9.53	39.3	10.3	44.1	12.1	48.9	14.0
		37	24.9	6.31	29.7	7.72	34.5	9.28	36.9	10.1	39.3	11.0	44.1	12.8	48.9	14.9
		39	24.9	6.67	29.7	8.17	34.5	9.84	36.9	10.7	39.3	11.7	44.1	13.6	48.9	15.8

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	275	10	20.8	3.52	24.8	4.07	28.8	4.66	30.8	4.97	32.7	5.28	36.7	5.93	40.7	6.61
		12	20.8	3.56	24.8	4.13	28.8	4.73	30.8	5.04	32.7	5.37	36.7	6.03	40.7	6.72
		14	20.8	3.61	24.8	4.19	28.8	4.81	30.8	5.13	32.7	5.45	36.7	6.13	40.7	6.84
		16	20.8	3.66	24.8	4.25	28.8	4.88	30.8	5.21	32.7	5.55	36.7	6.24	40.7	6.96
		18	20.8	3.71	24.8	4.32	28.8	4.96	30.8	5.30	32.7	5.64	36.7	6.35	40.7	7.09
		20	20.8	3.76	24.8	4.39	28.8	5.04	30.8	5.39	32.7	5.74	36.7	6.47	40.7	7.23
		21	20.8	3.79	24.8	4.42	28.8	5.09	30.8	5.44	32.7	5.79	36.7	6.53	40.7	7.30
		23	20.8	3.85	24.8	4.49	28.8	5.18	30.8	5.53	32.7	5.90	36.7	6.65	40.7	7.46
		25	20.8	3.91	24.8	4.57	28.8	5.27	30.8	5.65	32.7	6.08	36.7	6.99	40.7	7.96
		27	20.8	3.97	24.8	4.73	28.8	5.56	30.8	6.00	32.7	6.46	36.7	7.44	40.7	8.48
		29	20.8	4.20	24.8	5.01	28.8	5.90	30.8	6.37	32.7	6.87	36.7	7.91	40.7	9.03
		31	20.8	4.44	24.8	5.31	28.8	6.26	30.8	6.76	32.7	7.29	36.7	8.41	40.7	9.61
		33	20.8	4.69	24.8	5.61	28.8	6.63	30.8	7.17	32.7	7.73	36.7	8.93	40.7	10.2
		35	20.8	4.95	24.8	5.93	28.8	7.02	30.8	7.60	32.7	8.20	36.7	9.48	40.7	10.9
		37	20.8	5.22	24.8	6.27	28.8	7.43	30.8	8.05	32.7	8.69	36.7	10.1	40.7	11.5
		39	20.8	5.50	24.8	6.62	28.8	7.86	30.8	8.52	32.7	9.21	36.7	10.7	40.7	12.2

PA-24ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	780	10	59.7	10.7	71.2	13.1	82.7	15.6	88.4	15.9	90.2	15.6	92.3	14.9	94.5	14.3
		12	59.7	10.9	71.2	13.4	82.7	15.9	87.9	15.8	89.0	15.5	91.2	14.8	93.3	14.6
		14	59.7	11.1	71.2	13.6	82.7	16.1	86.8	15.8	87.9	15.4	90.0	15.3	92.2	15.4
		16	59.7	11.3	71.2	13.9	82.7	16.0	85.6	15.9	86.7	16.0	88.8	16.1	91.0	16.3
		18	59.7	11.5	71.2	14.2	82.7	16.6	84.5	16.7	85.5	16.8	87.7	17.0	89.8	17.1
		20	59.7	11.8	71.2	15.1	82.2	17.4	83.3	17.5	84.4	17.6	86.5	17.8	88.7	18.0
		21	59.7	12.1	71.2	15.6	81.6	17.8	82.7	17.9	83.8	18.0	85.9	18.2	88.1	18.4
		23	59.7	13.0	71.2	16.7	80.5	18.7	81.5	18.7	82.6	18.8	84.8	19.0	86.9	19.2
		25	59.7	13.9	71.2	17.9	79.3	19.5	80.4	19.6	81.5	19.7	83.6	19.9	85.8	20.1
		27	59.7	14.8	71.2	19.2	78.2	20.3	79.2	20.4	80.3	20.5	82.5	20.7	84.6	20.9
		29	59.7	15.8	71.2	20.5	77.0	21.1	78.1	21.2	79.1	21.3	81.3	21.6	83.4	21.8
		31	59.7	16.9	71.2	21.7	75.8	21.9	76.9	22.1	78.0	22.2	80.1	22.4	82.3	22.7
		33	59.7	18.0	71.2	22.5	74.7	22.8	75.7	22.9	76.8	23.0	79.0	23.3	81.1	23.5
		35	59.7	19.1	71.2	23.3	73.5	23.6	74.6	23.7	75.7	23.9	77.8	24.1	80.0	24.4
		37	59.7	20.4	70.2	24.2	72.3	24.4	73.4	24.6	74.5	24.7	76.6	25.0	78.8	25.3
		39	59.7	21.7	69.0	25.0	71.2	25.3	72.3	25.4	73.3	25.6	75.5	25.9	77.6	26.2
120	720	10	55.1	9.79	65.7	12.0	76.3	14.2	81.6	15.4	86.9	16.0	90.8	15.4	92.8	14.8
		12	55.1	10.0	65.7	12.2	76.3	14.5	81.6	15.7	86.9	15.9	89.6	15.3	91.6	14.7
		14	55.1	10.1	65.7	12.4	76.3	14.8	81.6	16.0	86.5	15.8	88.5	15.2	90.5	15.3
		16	55.1	10.3	65.7	12.7	76.3	15.0	81.6	16.1	85.3	15.9	87.3	16.0	89.3	16.2
		18	55.1	10.5	65.7	12.9	76.3	15.6	81.6	16.6	84.2	16.7	86.2	16.8	88.1	17.0
		20	55.1	10.8	65.7	13.4	76.3	16.7	81.6	17.4	83.0	17.5	85.0	17.7	87.0	17.8
		21	55.1	10.9	65.7	13.9	76.3	17.3	81.4	17.8	82.4	17.9	84.4	18.1	86.4	18.2
		23	55.1	11.6	65.7	14.9	76.3	18.5	80.3	18.6	81.3	18.7	83.3	18.9	85.2	19.1
		25	55.1	12.4	65.7	15.9	76.3	19.4	79.1	19.5	80.1	19.5	82.1	19.7	84.1	19.9
		27	55.1	13.2	65.7	17.0	76.3	20.2	78.0	20.3	78.9	20.4	80.9	20.6	82.9	20.8
		29	55.1	14.1	65.7	18.2	75.8	21.0	76.8	21.1	77.8	21.2	79.8	21.4	81.8	21.6
		31	55.1	15.0	65.7	19.4	74.6	21.8	75.6	21.9	76.6	22.0	78.6	22.2	80.6	22.5
		33	55.1	16.0	65.7	20.7	73.5	22.6	74.5	22.7	75.5	22.9	77.4	23.1	79.4	23.3
		35	55.1	17.1	65.7	22.1	72.3	23.5	73.3	23.6	74.3	23.7	76.3	23.9	78.3	24.2
		37	55.1	18.1	65.7	23.5	71.2	24.3	72.1	24.4	73.1	24.5	75.1	24.8	77.1	25.1
		39	55.1	19.3	65.7	24.8	70.0	25.1	71.0	25.3	72.0	25.4	74.0	25.7	76.0	25.9
110	660	10	50.5	8.89	60.2	10.8	69.9	12.9	74.8	13.9	79.7	14.9	89.3	15.9	91.1	15.3
		12	50.5	9.05	60.2	11.0	69.9	13.1	74.8	14.2	79.7	15.2	88.1	15.8	89.9	15.2
		14	50.5	9.21	60.2	11.2	69.9	13.3	74.8	14.4	79.7	15.5	87.0	15.7	88.8	15.2
		16	50.5	9.38	60.2	11.4	69.9	13.6	74.8	14.7	79.7	15.8	85.8	15.9	87.6	16.0
		18	50.5	9.56	60.2	11.7	69.9	13.9	74.8	15.1	79.7	16.6	84.6	16.7	86.5	16.9
		20	50.5	9.75	60.2	11.9	69.9	14.7	74.8	16.2	79.7	17.4	83.5	17.5	85.3	17.7
		21	50.5	9.84	60.2	12.3	69.9	15.2	74.8	16.8	79.7	17.8	82.9	17.9	84.7	18.1
		23	50.5	10.3	60.2	13.1	69.9	16.3	74.8	18.0	79.7	18.6	81.7	18.8	83.6	18.9
		25	50.5	11.0	60.2	14.0	69.9	17.5	74.8	19.3	78.8	19.4	80.6	19.6	82.4	19.8
		27	50.5	11.7	60.2	15.0	69.9	18.7	74.8	20.1	77.6	20.2	79.4	20.4	81.2	20.6
		29	50.5	12.5	60.2	16.0	69.9	20.0	74.8	21.0	76.4	21.1	78.3	21.2	80.1	21.4
		31	50.5	13.3	60.2	17.1	69.9	21.3	74.4	21.8	75.3	21.9	77.1	22.1	78.9	22.3
		33	50.5	14.2	60.2	18.2	69.9	22.5	73.2	22.6	74.1	22.7	75.9	22.9	77.7	23.1
		35	50.5	15.1	60.2	19.4	69.9	23.3	72.0	23.4	72.9	23.5	74.8	23.8	76.6	24.0
		37	50.5	16.0	60.2	20.7	69.9	24.1	70.9	24.2	71.8	24.4	73.6	24.6	75.4	24.8
		39	50.5	17.0	60.2	22.0	68.8	25.0	69.7	25.1	70.6	25.2	72.4	25.5	74.3	25.7
100	600	10	45.9	8.02	54.7	9.72	63.6	11.5	68.0	12.4	72.4	13.4	81.3	15.3	89.4	15.8
		12	45.9	8.15	54.7	9.90	63.6	11.7	68.0	12.7	72.4	13.6	81.3	15.6	88.3	15.7
		14	45.9	8.30	54.7	10.1	63.6	12.0	68.0	12.9	72.4	13.9	81.3	15.9	87.1	15.7
		16	45.9	8.45	54.7	10.3	63.6	12.2	68.0	13.2	72.4	14.2	81.3	16.1	85.9	15.9
		18	45.9	8.61	54.7	10.5	63.6	12.4	68.0	13.4	72.4	14.4	81.3	16.6	84.8	16.7
		20	45.9	8.77	54.7	10.7	63.6	12.8	68.0	14.1	72.4	15.5	81.3	17.4	83.6	17.5
		21	45.9	8.86	54.7	10.8	63.6	13.3	68.0	14.6	72.4	16.0	81.3	17.8	83.0	18.0
		23	45.9	9.09	54.7	11.5	63.6	14.2	68.0	15.7	72.4	17.2	80.2	18.6	81.9	18.8
		25	45.9	9.70	54.7	12.3	63.6	15.2	68.0	16.8	72.4	18.4	79.1	19.4	80.7	19.6
		27	45.9	10.3	54.7	13.1	63.6	16.2	68.0	17.9	72.4	19.7	77.9	20.3	79.5	20.4
		29	45.9	11.0	54.7	14.0	63.6	17.3	68.0	19.1	72.4	20.9	76.7	21.1	78.4	21.3
		31	45.9	11.7	54.7	14.9	63.6	18.5	68.0	20.4	72.4	21.7	75.6	21.9	77.2	22.1
		33	45.9	12.5	54.7	15.9	63.6	19.7	68.0	21.8	72.4	22.5	74.4	22.7	76.1	22.9
		35	45.9	13.2	54.7	16.9	63.6	21.0	68.0	23.3	71.6	23.4	73.2	23.6	74.9	23.8
		37	45.9	14.1	54.7	18.0	63.6	22.4	68.0	24.1	70.4	24.2	72.1	24.4	73.7	24.6
		39	45.9	14.9	54.7	19.1	63.6	23.9	68.0	24.9	69.3	25.0	70.9	25.2	72.6	25.5

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	540	10	41.3	7.17	49.3	8.65	57.2	10.2	61.2	11.0	65.2	11.8	73.1	13.5	81.1	15.3
		12	41.3	7.30	49.3	8.81	57.2	10.4	61.2	11.2	65.2	12.1	73.1	13.8	81.1	15.5
		14	41.3	7.42	49.3	8.97	57.2	10.6	61.2	11.4	65.2	12.3	73.1	14.1	81.1	15.8
		16	41.3	7.55	49.3	9.13	57.2	10.8	61.2	11.7	65.2	12.5	73.1	14.3	81.1	16.1
		18	41.3	7.69	49.3	9.30	57.2	11.0	61.2	11.9	65.2	12.8	73.1	14.6	81.1	16.6
		20	41.3	7.83	49.3	9.48	57.2	11.2	61.2	12.1	65.2	13.3	73.1	15.7	81.1	17.4
		21	41.3	7.90	49.3	9.58	57.2	11.4	61.2	12.6	65.2	13.7	73.1	16.3	81.1	17.8
		23	41.3	8.05	49.3	9.97	57.2	12.2	61.2	13.4	65.2	14.7	73.1	17.4	80.2	18.6
		25	41.3	8.48	49.3	10.6	57.2	13.1	61.2	14.4	65.2	15.7	73.1	18.7	79.0	19.4
		27	41.3	9.03	49.3	11.4	57.2	14.0	61.2	15.4	65.2	16.8	73.1	20.0	77.9	20.3
		29	41.3	9.61	49.3	12.1	57.2	14.9	61.2	16.4	65.2	18.0	73.1	20.9	76.7	21.1
		31	41.3	10.2	49.3	12.9	57.2	15.9	61.2	17.5	65.2	19.2	73.1	21.7	75.5	21.9
		33	41.3	10.9	49.3	13.7	57.2	16.9	61.2	18.6	65.2	20.5	72.9	22.6	74.4	22.7
		35	41.3	11.5	49.3	14.6	57.2	18.0	61.2	19.9	65.2	21.8	71.7	23.4	73.2	23.6
		37	41.3	12.2	49.3	15.5	57.2	19.2	61.2	21.2	65.2	23.3	70.6	24.2	72.1	24.4
		39	41.3	13.0	49.3	16.5	57.2	20.4	61.2	22.5	65.2	24.8	69.4	25.0	70.9	25.2
80	480	10	36.7	6.37	43.8	7.63	50.9	8.96	54.4	9.7	57.9	10.4	65.0	11.8	72.1	13.3
		12	36.7	6.47	43.8	7.76	50.9	9.12	54.4	9.8	57.9	10.6	65.0	12.0	72.1	13.6
		14	36.7	6.58	43.8	7.89	50.9	9.29	54.4	10.0	57.9	10.7	65.0	12.3	72.1	13.8
		16	36.7	6.69	43.8	8.03	50.9	9.46	54.4	10.2	57.9	11.0	65.0	12.5	72.1	14.1
		18	36.7	6.81	43.8	8.18	50.9	9.64	54.4	10.4	57.9	11.2	65.0	12.7	72.1	14.4
		20	36.7	6.93	43.8	8.34	50.9	9.83	54.4	10.6	57.9	11.4	65.0	13.2	72.1	15.4
		21	36.7	6.99	43.8	8.41	50.9	9.93	54.4	10.7	57.9	11.6	65.0	13.7	72.1	15.9
		23	36.7	7.12	43.8	8.58	50.9	10.4	54.4	11.4	57.9	12.4	65.0	14.7	72.1	17.1
		25	36.7	7.35	43.8	9.13	50.9	11.1	54.4	12.2	57.9	13.3	65.0	15.7	72.1	18.3
		27	36.7	7.82	43.8	9.73	50.9	11.9	54.4	13.0	57.9	14.2	65.0	16.8	72.1	19.6
		29	36.7	8.31	43.8	10.4	50.9	12.6	54.4	13.9	57.9	15.2	65.0	17.9	72.1	20.9
		31	36.7	8.82	43.8	11.0	50.9	13.5	54.4	14.8	57.9	16.2	65.0	19.1	72.1	21.7
		33	36.7	9.36	43.8	11.7	50.9	14.3	54.4	15.7	57.9	17.2	65.0	20.4	72.1	22.5
		35	36.7	9.93	43.8	12.4	50.9	15.2	54.4	16.8	57.9	18.3	65.0	21.7	71.5	23.4
		37	36.7	10.5	43.8	13.2	50.9	16.2	54.4	17.8	57.9	19.5	65.0	23.2	70.4	24.2
		39	36.7	11.1	43.8	14.0	50.9	17.2	54.4	19.0	57.9	20.8	65.0	24.7	69.2	25.0
70	420	10	32.1	5.60	38.3	6.65	44.5	7.76	47.6	8.34	50.7	8.93	56.9	10.1	63.1	11.4
		12	32.1	5.69	38.3	6.75	44.5	7.89	47.6	8.48	50.7	9.09	56.9	10.3	63.1	11.6
		14	32.1	5.77	38.3	6.87	44.5	8.03	47.6	8.64	50.7	9.25	56.9	10.5	63.1	11.8
		16	32.1	5.87	38.3	6.99	44.5	8.18	47.6	8.79	50.7	9.43	56.9	10.7	63.1	12.1
		18	32.1	5.96	38.3	7.11	44.5	8.33	47.6	8.96	50.7	9.61	56.9	10.9	63.1	12.3
		20	32.1	6.06	38.3	7.24	44.5	8.48	47.6	9.13	50.7	9.79	56.9	11.2	63.1	12.7
		21	32.1	6.11	38.3	7.30	44.5	8.56	47.6	9.22	50.7	9.89	56.9	11.3	63.1	13.1
		23	32.1	6.22	38.3	7.44	44.5	8.74	47.6	9.53	50.7	10.4	56.9	12.1	63.1	14.0
		25	32.1	6.33	38.3	7.73	44.5	9.32	47.6	10.2	50.7	11.1	56.9	13.0	63.1	15.0
		27	32.1	6.69	38.3	8.23	44.5	9.93	47.6	10.8	50.7	11.8	56.9	13.8	63.1	16.0
		29	32.1	7.10	38.3	8.75	44.5	10.6	47.6	11.6	50.7	12.6	56.9	14.8	63.1	17.1
		31	32.1	7.53	38.3	9.29	44.5	11.2	47.6	12.3	50.7	13.4	56.9	15.7	63.1	18.3
		33	32.1	7.98	38.3	9.87	44.5	12.0	47.6	13.1	50.7	14.3	56.9	16.8	63.1	19.5
		35	32.1	8.45	38.3	10.5	44.5	12.7	47.6	13.9	50.7	15.2	56.9	17.9	63.1	20.8
		37	32.1	8.95	38.3	11.1	44.5	13.5	47.6	14.8	50.7	16.1	56.9	19.0	63.1	22.1
		39	32.1	9.47	38.3	11.8	44.5	14.3	47.6	15.7	50.7	17.2	56.9	20.2	63.1	23.6
60	360	10	27.5	4.87	32.8	5.72	38.1	6.62	40.8	7.08	43.5	7.56	48.8	8.6	54.1	9.6
		12	27.5	4.94	32.8	5.81	38.1	6.72	40.8	7.20	43.5	7.69	48.8	8.7	54.1	9.8
		14	27.5	5.01	32.8	5.90	38.1	6.84	40.8	7.33	43.5	7.83	48.8	8.9	54.1	9.9
		16	27.5	5.09	32.8	5.99	38.1	6.95	40.8	7.46	43.5	7.97	48.8	9.0	54.1	10.1
		18	27.5	5.17	32.8	6.09	38.1	7.08	40.8	7.59	43.5	8.11	48.8	9.2	54.1	10.3
		20	27.5	5.25	32.8	6.20	38.1	7.20	40.8	7.73	43.5	8.27	48.8	9.4	54.1	10.5
		21	27.5	5.29	32.8	6.25	38.1	7.27	40.8	7.80	43.5	8.35	48.8	9.5	54.1	10.6
		23	27.5	5.37	32.8	6.36	38.1	7.40	40.8	7.95	43.5	8.51	48.8	9.8	54.1	11.3
		25	27.5	5.46	32.8	6.47	38.1	7.69	40.8	8.35	43.5	9.04	48.8	10.5	54.1	12.1
		27	27.5	5.66	32.8	6.86	38.1	8.19	40.8	8.89	43.5	9.63	48.8	11.2	54.1	12.9
		29	27.5	6.00	32.8	7.29	38.1	8.70	40.8	9.46	43.5	10.3	48.8	11.9	54.1	13.7
		31	27.5	6.35	32.8	7.73	38.1	9.24	40.8	10.1	43.5	10.9	48.8	12.7	54.1	14.7
		33	27.5	6.72	32.8	8.19	38.1	9.81	40.8	10.7	43.5	11.6	48.8	13.5	54.1	15.6
		35	27.5	7.11	32.8	8.68	38.1	10.4	40.8	11.3	43.5	12.3	48.8	14.4	54.1	16.6
		37	27.5	7.51	32.8	9.19	38.1	11.0	40.8	12.0	43.5	13.1	48.8	15.3	54.1	17.7
		39	27.5	7.93	32.8	9.72	38.1	11.7	40.8	12.8	43.5	13.9	48.8	16.2	54.1	18.8

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	300	10	22.9	4.19	27.4	4.85	31.8	5.54	34.0	5.91	36.2	6.28	40.6	7.05	45.1	7.86
		12	22.9	4.24	27.4	4.91	31.8	5.63	34.0	6.00	36.2	6.38	40.6	7.17	45.1	8.00
		14	22.9	4.30	27.4	4.99	31.8	5.72	34.0	6.10	36.2	6.49	40.6	7.30	45.1	8.14
		16	22.9	4.36	27.4	5.06	31.8	5.81	34.0	6.20	36.2	6.60	40.6	7.42	45.1	8.28
		18	22.9	4.42	27.4	5.14	31.8	5.90	34.0	6.30	36.2	6.71	40.6	7.56	45.1	8.44
		20	22.9	4.48	27.4	5.22	31.8	6.00	34.0	6.41	36.2	6.83	40.6	7.70	45.1	8.60
		21	22.9	4.51	27.4	5.26	31.8	6.05	34.0	6.47	36.2	6.89	40.6	7.77	45.1	8.68
		23	22.9	4.58	27.4	5.34	31.8	6.16	34.0	6.58	36.2	7.02	40.6	7.91	45.1	8.88
		25	22.9	4.65	27.4	5.43	31.8	6.27	34.0	6.72	36.2	7.23	40.6	8.31	45.1	9.47
		27	22.9	4.72	27.4	5.63	31.8	6.62	34.0	7.14	36.2	7.69	40.6	8.85	45.1	10.1
		29	22.9	5.00	27.4	5.96	31.8	7.02	34.0	7.58	36.2	8.17	40.6	9.41	45.1	10.7
		31	22.9	5.28	27.4	6.31	31.8	7.44	34.0	8.05	36.2	8.67	40.6	10.0	45.1	11.4
		33	22.9	5.58	27.4	6.68	31.8	7.89	34.0	8.53	36.2	9.20	40.6	10.6	45.1	12.2
		35	22.9	5.88	27.4	7.06	31.8	8.35	34.0	9.04	36.2	9.76	40.6	11.3	45.1	12.9
		37	22.9	6.21	27.4	7.46	31.8	8.84	34.0	9.58	36.2	10.3	40.6	12.0	45.1	13.7
		39	22.9	6.54	27.4	7.88	31.8	9.35	34.0	10.1	36.2	11.0	40.6	12.7	45.1	14.6

PA-26ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	845	12	63.6	11.5	75.9	14.1	88.1	16.8	93.8	16.8	94.9	16.4	97.2	15.7	99.5	15.5
		14	63.6	11.8	75.9	14.4	88.1	17.0	92.5	16.7	93.7	16.3	96.0	16.2	98.3	16.3
		16	63.6	12.0	75.9	14.7	88.1	16.9	91.3	16.8	92.4	16.9	94.7	17.1	97.0	17.2
		18	63.6	12.2	75.9	15.0	88.1	17.6	90.0	17.7	91.2	17.8	93.5	17.9	95.8	18.1
		20	63.6	12.5	75.9	16.0	87.7	18.5	88.8	18.5	90.0	18.6	92.2	18.8	94.5	19.0
		21	63.6	12.8	75.9	16.5	87.0	18.9	88.2	19.0	89.3	19.1	91.6	19.3	93.9	19.4
		23	63.6	13.7	75.9	17.7	85.8	19.7	86.9	19.8	88.1	19.9	90.4	20.1	91.6	20.3
		25	63.6	14.7	75.9	19.0	84.6	20.6	85.7	20.7	86.9	20.8	89.1	21.0	89.3	21.0
		27	63.6	15.7	75.9	20.3	83.3	21.5	84.5	21.6	85.6	21.7	86.8	21.8	87.0	21.8
		29	63.6	16.7	75.9	21.7	82.1	22.3	83.2	22.5	84.3	22.6	84.5	22.6	84.7	22.6
		31	63.6	17.8	75.9	23.0	80.8	23.2	81.9	23.3	82.0	23.3	82.2	23.4	82.5	23.4
		33	63.6	19.0	75.9	23.8	79.5	24.1	79.6	24.1	79.7	24.1	79.9	24.1	80.2	24.2
		35	63.6	20.3	75.9	24.7	77.2	24.8	77.3	24.9	77.4	24.9	77.7	24.9	77.9	24.9
		37	63.6	21.6	74.7	25.5	74.9	25.6	75.0	25.6	75.1	25.6	75.4	25.6	75.6	25.7
		39	63.6	23.0	69.5	26.2	70.7	26.3	71.3	26.3	71.9	26.3	73.1	26.4	73.3	26.4
		10	58.7	10.4	70.0	12.7	81.3	15.0	87.0	16.3	92.7	16.9	96.8	16.3	98.9	15.7
120	780	12	58.7	10.5	70.0	12.9	81.3	15.3	87.0	16.6	92.7	16.9	95.6	16.2	97.7	15.6
		14	58.7	10.7	70.0	13.1	81.3	15.6	87.0	16.9	92.2	16.8	94.3	16.1	96.5	16.2
		16	58.7	10.9	70.0	13.4	81.3	15.9	87.0	17.0	91.0	16.8	93.1	17.0	95.2	17.1
		18	58.7	11.2	70.0	13.7	81.3	16.5	87.0	17.6	89.7	17.7	91.9	17.8	94.0	18.0
		20	58.7	11.4	70.0	14.2	81.3	17.7	87.0	18.4	88.5	18.5	90.6	18.7	92.7	18.9
		21	58.7	11.5	70.0	14.7	81.3	18.3	86.8	18.9	87.9	19.0	90.0	19.1	92.1	19.3
		23	58.7	12.3	70.0	15.8	81.3	19.6	85.6	19.7	86.6	19.8	88.8	20.0	90.9	20.2
		25	58.7	13.1	70.0	16.9	81.3	20.5	84.4	20.6	85.4	20.7	87.5	20.9	89.3	21.0
		27	58.7	14.0	70.0	18.0	81.3	21.3	83.1	21.5	84.2	21.6	86.3	21.8	87.0	21.8
		29	58.7	14.9	70.0	19.3	80.8	22.2	81.9	22.3	82.9	22.4	84.5	22.6	84.7	22.6
		31	58.7	15.9	70.0	20.5	79.6	23.1	80.6	23.2	81.7	23.3	82.2	23.4	82.5	23.4
		33	58.7	17.0	70.0	21.9	78.3	23.9	79.4	24.1	79.7	24.1	79.9	24.1	80.2	24.2
		35	58.7	18.0	70.0	23.4	77.1	24.8	77.3	24.9	77.4	24.9	77.7	24.9	77.9	24.9
		37	58.7	19.2	70.0	24.9	74.9	25.6	75.0	25.6	75.1	25.6	75.4	25.6	75.6	25.7
		39	58.7	20.4	69.5	26.2	70.7	26.3	71.3	26.3	71.9	26.3	73.1	26.4	73.3	26.4
		10	53.8	9.41	64.2	11.5	74.6	13.6	79.8	14.7	84.9	15.8	95.2	16.8	97.1	16.2
110	715	12	53.8	9.57	64.2	11.7	74.6	13.9	79.8	15.0	84.9	16.1	94.0	16.7	95.9	16.1
		14	53.8	9.75	64.2	11.9	74.6	14.1	79.8	15.3	84.9	16.4	92.7	16.6	94.7	16.1
		16	53.8	9.93	64.2	12.1	74.6	14.4	79.8	15.6	84.9	16.7	91.5	16.8	93.4	17.0
		18	53.8	10.1	64.2	12.4	74.6	14.7	79.8	16.0	84.9	17.6	90.2	17.7	92.2	17.8
		20	53.8	10.3	64.2	12.6	74.6	15.6	79.8	17.2	84.9	18.4	89.0	18.6	90.9	18.7
		21	53.8	10.4	64.2	13.0	74.6	16.1	79.8	17.8	84.9	18.8	88.4	19.0	90.3	19.2
		23	53.8	10.9	64.2	13.9	74.6	17.3	79.8	19.1	84.9	19.7	87.1	19.9	89.1	20.0
		25	53.8	11.6	64.2	14.9	74.6	18.5	79.8	20.5	84.0	20.6	85.9	20.7	87.8	20.9
		27	53.8	12.4	64.2	15.9	74.6	19.8	79.8	21.3	82.7	21.4	84.7	21.6	86.6	21.8
		29	53.8	13.2	64.2	17.0	74.6	21.1	79.8	22.2	81.5	22.3	83.4	22.5	84.7	22.6
		31	53.8	14.1	64.2	18.1	74.6	22.6	79.3	23.0	80.3	23.2	82.2	23.4	82.5	23.4
		33	53.8	15.0	64.2	19.3	74.6	23.8	78.0	23.9	79.0	24.0	79.9	24.1	80.2	24.2
		35	53.8	16.0	64.2	20.5	74.6	24.7	76.8	24.8	77.4	24.9	77.7	24.9	77.9	24.9
		37	53.8	17.0	64.2	21.9	74.6	25.5	75.0	25.6	75.1	25.6	75.4	25.6	75.6	25.7
		39	53.8	18.0	64.2	23.3	70.7	26.3	71.3	26.3	71.9	26.3	73.1	26.4	73.3	26.4
		10	48.9	8.48	58.4	10.3	67.8	12.2	72.5	13.2	77.2	14.2	86.6	16.2	95.3	16.8
100	650	12	48.9	8.63	58.4	10.5	67.8	12.4	72.5	13.4	77.2	14.4	86.6	16.5	94.1	16.7
		14	48.9	8.79	58.4	10.7	67.8	12.7	72.5	13.7	77.2	14.7	86.6	16.8	92.9	16.6
		16	48.9	8.95	58.4	10.9	67.8	12.9	72.5	13.9	77.2	15.0	86.6	17.0	91.6	16.8
		18	48.9	9.11	58.4	11.1	67.8	13.2	72.5	14.2	77.2	15.3	86.6	17.6	90.4	17.7
		20	48.9	9.28	58.4	11.3	67.8	13.5	72.5	14.9	77.2	16.4	86.6	18.4	89.1	18.6
		21	48.9	9.37	58.4	11.4	67.8	14.0	72.5	15.5	77.2	17.0	86.6	18.9	88.5	19.0
		23	48.9	9.62	58.4	12.2	67.8	15.0	72.5	16.6	77.2	18.2	85.5	19.7	87.3	19.9
		25	48.9	10.3	58.4	13.0	67.8	16.1	72.5	17.7	77.2	19.5	84.3	20.6	86.0	20.7
		27	48.9	10.9	58.4	13.9	67.8	17.2	72.5	19.0	77.2	20.8	83.0	21.4	84.8	21.6
		29	48.9	11.7	58.4	14.8	67.8	18.3	72.5	20.3	77.2	22.1	81.8	22.3	83.6	22.5
		31	48.9	12.4	58.4	15.8	67.8	19.6	72.5	21.6	77.2	23.0	80.6	23.2	82.3	23.4
		33	48.9	13.2	58.4	16.8	67.8	20.9	72.5	23.1	77.2	23.9	79.3	24.1	80.2	24.2
		35	48.9	14.0	58.4	17.9	67.8	22.3	72.5	24.6	76.3	24.7	77.7	24.9	77.9	24.9
		37	48.9	14.9	58.4	19.0	67.8	23.7	72.5	25.5	75.1	25.6	75.4	25.6	75.6	25.7
		39	48.9	15.8	58.4	20.3	67.8	25.3	71.3	26.3	71.9	26.3	73.1	26.4	73.3	26.4
		12	63.6	11.5	75.9	14.1	88.1	16.8	93.8	16.8	94.9	16.4	97.2	15.7	99.5	15.5

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	585	10	44.0	7.59	52.5	9.16	61.0	10.8	65.3	11.7	69.5	12.5	78.0	14.3	86.5	16.1
		12	44.0	7.72	52.5	9.32	61.0	11.0	65.3	11.9	69.5	12.8	78.0	14.6	86.5	16.5
		14	44.0	7.86	52.5	9.49	61.0	11.2	65.3	12.1	69.5	13.0	78.0	14.9	86.5	16.8
		16	44.0	7.99	52.5	9.67	61.0	11.4	65.3	12.3	69.5	13.3	78.0	15.2	86.5	17.0
		18	44.0	8.14	52.5	9.85	61.0	11.7	65.3	12.6	69.5	13.5	78.0	15.5	86.5	17.6
		20	44.0	8.29	52.5	10.0	61.0	11.9	65.3	12.8	69.5	14.0	78.0	16.6	86.5	18.4
		21	44.0	8.37	52.5	10.1	61.0	12.1	65.3	13.3	69.5	14.5	78.0	17.2	86.5	18.9
		23	44.0	8.52	52.5	10.6	61.0	12.9	65.3	14.2	69.5	15.6	78.0	18.5	85.5	19.7
		25	44.0	8.98	52.5	11.3	61.0	13.8	65.3	15.2	69.5	16.7	78.0	19.8	84.3	20.6
		27	44.0	9.56	52.5	12.0	61.0	14.8	65.3	16.3	69.5	17.8	78.0	21.2	83.0	21.4
		29	44.0	10.2	52.5	12.8	61.0	15.8	65.3	17.4	69.5	19.0	78.0	22.1	81.8	22.3
		31	44.0	10.8	52.5	13.6	61.0	16.8	65.3	18.5	69.5	20.3	78.0	23.0	80.5	23.2
		33	44.0	11.5	52.5	14.5	61.0	17.9	65.3	19.7	69.5	21.7	77.7	23.9	79.3	24.1
		35	44.0	12.2	52.5	15.4	61.0	19.1	65.3	21.0	69.5	23.1	76.5	24.7	77.9	24.9
		37	44.0	12.9	52.5	16.4	61.0	20.3	65.3	22.4	69.5	24.6	75.2	25.6	75.6	25.7
		39	44.0	13.7	52.5	17.4	61.0	21.6	65.3	23.9	69.5	26.2	73.1	26.4	73.3	26.4
80	520	10	39.1	6.74	46.7	8.07	54.2	9.48	58.0	10.2	61.8	11.0	69.3	12.5	76.9	14.1
		12	39.1	6.85	46.7	8.21	54.2	9.65	58.0	10.4	61.8	11.2	69.3	12.7	76.9	14.4
		14	39.1	6.96	46.7	8.35	54.2	9.83	58.0	10.6	61.8	11.4	69.3	13.0	76.9	14.6
		16	39.1	7.08	46.7	8.50	54.2	10.0	58.0	10.8	61.8	11.6	69.3	13.2	76.9	14.9
		18	39.1	7.20	46.7	8.66	54.2	10.2	58.0	11.0	61.8	11.8	69.3	13.5	76.9	15.2
		20	39.1	7.33	46.7	8.82	54.2	10.4	58.0	11.2	61.8	12.1	69.3	14.0	76.9	16.3
		21	39.1	7.40	46.7	8.91	54.2	10.5	58.0	11.3	61.8	12.3	69.3	14.5	76.9	16.9
		23	39.1	7.53	46.7	9.08	54.2	11.0	58.0	12.1	61.8	13.2	69.3	15.5	76.9	18.1
		25	39.1	7.78	46.7	9.66	54.2	11.8	58.0	12.9	61.8	14.1	69.3	16.6	76.9	19.4
		27	39.1	8.27	46.7	10.3	54.2	12.6	58.0	13.8	61.8	15.0	69.3	17.8	76.9	20.7
		29	39.1	8.79	46.7	11.0	54.2	13.4	58.0	14.7	61.8	16.0	69.3	19.0	76.9	22.1
		31	39.1	9.34	46.7	11.7	54.2	14.2	58.0	15.6	61.8	17.1	69.3	20.2	76.9	23.0
		33	39.1	9.91	46.7	12.4	54.2	15.2	58.0	16.7	61.8	18.2	69.3	21.6	76.9	23.9
		35	39.1	10.5	46.7	13.2	54.2	16.1	58.0	17.7	61.8	19.4	69.3	23.0	76.3	24.7
		37	39.1	11.1	46.7	14.0	54.2	17.2	58.0	18.9	61.8	20.7	69.3	24.5	75.0	25.6
		39	39.1	11.8	46.7	14.8	54.2	18.2	58.0	20.1	61.8	22.0	69.3	26.1	73.3	26.4
70	455	10	34.3	5.93	40.9	7.03	47.5	8.21	50.8	8.82	54.0	9.45	60.6	10.7	67.2	12.1
		12	34.3	6.02	40.9	7.15	47.5	8.35	50.8	8.98	54.0	9.62	60.6	10.9	67.2	12.3
		14	34.3	6.11	40.9	7.27	47.5	8.50	50.8	9.14	54.0	9.79	60.6	11.1	67.2	12.5
		16	34.3	6.21	40.9	7.39	47.5	8.65	50.8	9.31	54.0	9.98	60.6	11.4	67.2	12.8
		18	34.3	6.31	40.9	7.52	47.5	8.81	50.8	9.48	54.0	10.2	60.6	11.6	67.2	13.0
		20	34.3	6.42	40.9	7.66	47.5	8.98	50.8	9.66	54.0	10.4	60.6	11.8	67.2	13.4
		21	34.3	6.47	40.9	7.73	47.5	9.07	50.8	9.76	54.0	10.5	60.6	12.0	67.2	13.9
		23	34.3	6.59	40.9	7.87	47.5	9.25	50.8	10.1	54.0	11.0	60.6	12.8	67.2	14.9
		25	34.3	6.70	40.9	8.19	47.5	9.87	50.8	10.8	54.0	11.7	60.6	13.7	67.2	15.9
		27	34.3	7.09	40.9	8.71	47.5	10.5	50.8	11.5	54.0	12.5	60.6	14.7	67.2	17.0
		29	34.3	7.52	40.9	9.26	47.5	11.2	50.8	12.2	54.0	13.3	60.6	15.6	67.2	18.1
		31	34.3	7.97	40.9	9.84	47.5	11.9	50.8	13.0	54.0	14.2	60.6	16.7	67.2	19.4
		33	34.3	8.45	40.9	10.4	47.5	12.7	50.8	13.8	54.0	15.1	60.6	17.8	67.2	20.6
		35	34.3	8.95	40.9	11.1	47.5	13.4	50.8	14.7	54.0	16.1	60.6	18.9	67.2	22.0
		37	34.3	9.47	40.9	11.8	47.5	14.3	50.8	15.6	54.0	17.1	60.6	20.1	67.2	23.4
		39	34.3	10.0	40.9	12.5	47.5	15.2	50.8	16.6	54.0	18.2	60.6	21.4	67.2	25.0
60	390	10	29.4	5.16	35.0	6.05	40.7	7.00	43.5	7.50	46.3	8.01	52.0	9.06	57.6	10.1
		12	29.4	5.23	35.0	6.14	40.7	7.12	43.5	7.62	46.3	8.14	52.0	9.22	57.6	10.3
		14	29.4	5.31	35.0	6.24	40.7	7.24	43.5	7.76	46.3	8.29	52.0	9.38	57.6	10.5
		16	29.4	5.38	35.0	6.34	40.7	7.36	43.5	7.89	46.3	8.44	52.0	9.56	57.6	10.7
		18	29.4	5.47	35.0	6.45	40.7	7.49	43.5	8.03	46.3	8.59	52.0	9.74	57.6	10.9
		20	29.4	5.55	35.0	6.56	40.7	7.63	43.5	8.18	46.3	8.75	52.0	9.93	57.6	11.1
		21	29.4	5.60	35.0	6.61	40.7	7.69	43.5	8.26	46.3	8.83	52.0	10.0	57.6	11.3
		23	29.4	5.69	35.0	6.73	40.7	7.84	43.5	8.41	46.3	9.00	52.0	10.4	57.6	12.0
		25	29.4	5.78	35.0	6.85	40.7	8.14	43.5	8.84	46.3	9.57	52.0	11.1	57.6	12.8
		27	29.4	5.99	35.0	7.26	40.7	8.66	43.5	9.41	46.3	10.2	52.0	11.9	57.6	13.6
		29	29.4	6.35	35.0	7.71	40.7	9.21	43.5	10.0	46.3	10.9	52.0	12.6	57.6	14.6
		31	29.4	6.72	35.0	8.18	40.7	9.78	43.5	10.6	46.3	11.5	52.0	13.4	57.6	15.5
		33	29.4	7.11	35.0	8.67	40.7	10.4	43.5	11.3	46.3	12.3	52.0	14.3	57.6	16.5
		35	29.4	7.52	35.0	9.18	40.7	11.0	43.5	12.0	46.3	13.0	52.0	15.2	57.6	17.6
		37	29.4	7.95	35.0	9.72	40.7	11.7	43.5	12.7	46.3	13.8	52.0	16.2	57.6	18.7
		39	29.4	8.40	35.0	10.3	40.7	12.4	43.5	13.5	46.3	14.7	52.0	17.2	57.6	19.9

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	325	10	24.5	4.43	29.2	5.13	33.9	5.87	36.3	6.25	38.6	6.65	43.3	7.47	48.0	8.32
		12	24.5	4.49	29.2	5.20	33.9	5.96	36.3	6.35	38.6	6.76	43.3	7.59	48.0	8.46
		14	24.5	4.55	29.2	5.28	33.9	6.05	36.3	6.45	38.6	6.87	43.3	7.72	48.0	8.61
		16	24.5	4.61	29.2	5.36	33.9	6.15	36.3	6.56	38.6	6.98	43.3	7.86	48.0	8.77
		18	24.5	4.67	29.2	5.44	33.9	6.25	36.3	6.67	38.6	7.10	43.3	8.00	48.0	8.93
		20	24.5	4.74	29.2	5.52	33.9	6.35	36.3	6.79	38.6	7.23	43.3	8.15	48.0	9.10
		21	24.5	4.78	29.2	5.57	33.9	6.41	36.3	6.84	38.6	7.29	43.3	8.22	48.0	9.19
		23	24.5	4.85	29.2	5.66	33.9	6.52	36.3	6.97	38.6	7.43	43.3	8.38	48.0	9.40
		25	24.5	4.92	29.2	5.75	33.9	6.63	36.3	7.11	38.6	7.65	43.3	8.80	48.0	10.0
		27	24.5	5.00	29.2	5.96	33.9	7.00	36.3	7.56	38.6	8.14	43.3	9.37	48.0	10.7
		29	24.5	5.29	29.2	6.31	33.9	7.43	36.3	8.03	38.6	8.65	43.3	9.96	48.0	11.4
		31	24.5	5.59	29.2	6.68	33.9	7.88	36.3	8.52	38.6	9.18	43.3	10.6	48.0	12.1
		33	24.5	5.90	29.2	7.07	33.9	8.35	36.3	9.03	38.6	9.74	43.3	11.2	48.0	12.9
		35	24.5	6.23	29.2	7.47	33.9	8.84	36.3	9.57	38.6	10.3	43.3	11.9	48.0	13.7
		37	24.5	6.57	29.2	7.90	33.9	9.36	36.3	10.1	38.6	10.9	43.3	12.7	48.0	14.5
		39	24.5	6.93	29.2	8.34	33.9	9.90	36.3	10.7	38.6	11.6	43.3	13.4	48.0	15.4

PA-28ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	910	10	68.4	12.0	81.6	14.8	94.8	17.5	101.4	17.9	103	17.5	106	16.8	108	16.1
		12	68.4	12.3	81.6	15.0	94.8	17.9	100.9	17.8	102	17.5	105	16.7	107	16.4
		14	68.4	12.5	81.6	15.3	94.8	18.1	99.5	17.7	101	17.4	103	17.2	106	17.4
		16	68.4	12.7	81.6	15.6	94.8	18.0	98.2	17.9	99.4	18.0	102	18.1	104	18.3
		18	68.4	13.0	81.6	15.9	94.8	18.7	96.9	18.8	98.1	18.9	101	19.1	103	19.3
		20	68.4	13.3	81.6	17.0	94.3	19.6	95.5	19.7	96.8	19.8	99.2	20.0	102	20.2
		21	68.4	13.6	81.6	17.6	93.6	20.1	94.9	20.2	96.1	20.3	98.6	20.5	101	20.7
		23	68.4	14.6	81.6	18.8	92.3	21.0	93.5	21.1	94.8	21.2	97.2	21.4	98.6	21.5
		25	68.4	15.6	81.6	20.2	91.0	21.9	92.2	22.0	93.4	22.1	95.9	22.4	96.2	22.4
		27	68.4	16.7	81.6	21.6	89.6	22.8	90.9	22.9	92.1	23.1	93.5	23.2	93.7	23.2
		29	68.4	17.8	81.6	23.1	88.3	23.8	89.5	23.9	90.8	24.0	91.0	24.0	91.3	24.1
		31	68.4	19.0	81.6	24.4	87.0	24.7	88.2	24.8	88.3	24.8	88.6	24.9	88.8	24.9
		33	68.4	20.2	81.6	25.3	85.6	25.6	85.7	25.6	85.9	25.6	86.1	25.7	86.4	25.7
		35	68.4	21.5	81.6	26.3	83.2	26.4	83.3	26.4	83.4	26.4	83.7	26.5	83.9	26.5
		37	68.4	22.9	80.5	27.2	80.7	27.2	80.8	27.2	80.9	27.2	81.2	27.3	81.4	27.3
		39	68.4	24.4	75.3	27.9	76.6	28.0	77.3	28.0	77.9	28.0	78.7	28.0	79.0	28.1
120	840	10	63.2	11.0	75.3	13.4	87.5	16.0	93.6	17.3	99.7	18.0	104	17.3	106	16.6
		12	63.2	11.2	75.3	13.7	87.5	16.3	93.6	17.6	99.7	17.9	103	17.2	105	16.5
		14	63.2	11.4	75.3	14.0	87.5	16.6	93.6	18.0	99.2	17.8	101	17.1	104	17.2
		16	63.2	11.6	75.3	14.2	87.5	16.9	93.6	18.1	97.9	17.9	100	18.0	102	18.2
		18	63.2	11.9	75.3	14.5	87.5	17.5	93.6	18.7	96.6	18.8	98.8	18.9	101	19.1
		20	63.2	12.1	75.3	15.1	87.5	18.8	93.6	19.6	95.2	19.7	97.5	19.9	99.8	20.0
		21	63.2	12.2	75.3	15.6	87.5	19.5	93.4	20.1	94.6	20.1	96.8	20.3	99.1	20.5
		23	63.2	13.0	75.3	16.7	87.5	20.9	92.1	21.0	93.2	21.1	95.5	21.3	97.8	21.5
		25	63.2	13.9	75.3	17.9	87.5	21.8	90.8	21.9	91.9	22.0	94.2	22.2	96.2	22.4
		27	63.2	14.9	75.3	19.2	87.5	22.7	89.4	22.8	90.6	22.9	92.8	23.1	93.7	23.2
		29	63.2	15.9	75.3	20.5	86.9	23.6	88.1	23.7	89.2	23.8	91.0	24.0	91.3	24.1
		31	63.2	16.9	75.3	21.8	85.6	24.5	86.8	24.7	87.9	24.8	88.6	24.9	88.8	24.9
		33	63.2	18.0	75.3	23.3	84.3	25.5	85.4	25.6	85.9	25.6	86.1	25.7	86.4	25.7
		35	63.2	19.2	75.3	24.8	83.0	26.4	83.3	26.4	83.4	26.4	83.7	26.5	83.9	26.5
		37	63.2	20.4	75.3	26.5	80.7	27.2	80.8	27.2	80.9	27.2	81.2	27.3	81.4	27.3
		39	63.2	21.7	75.3	27.9	76.6	28.0	77.3	28.0	77.9	28.0	78.7	28.0	79.0	28.1
110	770	10	57.9	10.0	69.1	12.2	80.2	14.5	85.8	15.6	91.4	16.8	102	17.9	105	17.2
		12	57.9	10.2	69.1	12.4	80.2	14.7	85.8	15.9	91.4	17.1	101	17.8	103	17.1
		14	57.9	10.4	69.1	12.6	80.2	15.0	85.8	16.2	91.4	17.5	99.8	17.7	102	17.1
		16	57.9	10.6	69.1	12.9	80.2	15.3	85.8	16.5	91.4	17.8	98.4	17.9	101	18.0
		18	57.9	10.8	69.1	13.1	80.2	15.6	85.8	17.0	91.4	18.7	97.1	18.8	99.2	19.0
		20	57.9	11.0	69.1	13.4	80.2	16.5	85.8	18.3	91.4	19.6	95.8	19.7	97.8	19.9
		21	57.9	11.1	69.1	13.8	80.2	17.1	85.8	18.9	91.4	20.0	95.1	20.2	97.2	20.4
		23	57.9	11.6	69.1	14.8	80.2	18.4	85.8	20.3	91.4	20.9	93.8	21.1	95.8	21.3
		25	57.9	12.4	69.1	15.8	80.2	19.7	85.8	21.7	90.3	21.8	92.4	22.0	94.5	22.2
		27	57.9	13.2	69.1	16.9	80.2	21.0	85.8	22.7	89.0	22.8	91.1	23.0	93.2	23.2
		29	57.9	14.1	69.1	18.0	80.2	22.5	85.8	23.6	87.7	23.7	89.8	23.9	91.3	24.1
		31	57.9	15.0	69.1	19.2	80.2	24.0	85.3	24.5	86.3	24.6	88.4	24.8	88.8	24.9
		33	57.9	16.0	69.1	20.5	80.2	25.3	84.0	25.4	85.0	25.5	86.1	25.7	86.4	25.7
		35	57.9	17.0	69.1	21.8	80.2	26.2	82.6	26.3	83.4	26.4	83.7	26.5	83.9	26.5
		37	57.9	18.0	69.1	23.2	80.2	27.1	80.8	27.2	80.9	27.2	81.2	27.3	81.4	27.3
		39	57.9	19.2	69.1	24.7	76.6	28.0	77.3	28.0	77.9	28.0	78.7	28.0	79.0	28.1
100	700	10	52.6	9.02	62.8	10.9	72.9	13.0	78.0	14.0	83.1	15.1	93.2	17.2	103	17.8
		12	52.6	9.18	62.8	11.1	72.9	13.2	78.0	14.3	83.1	15.3	93.2	17.5	101	17.7
		14	52.6	9.34	62.8	11.3	72.9	13.4	78.0	14.5	83.1	15.6	93.2	17.9	99.9	17.6
		16	52.6	9.51	62.8	11.6	72.9	13.7	78.0	14.8	83.1	15.9	93.2	18.1	98.6	17.9
		18	52.6	9.69	62.8	11.8	72.9	14.0	78.0	15.1	83.1	16.3	93.2	18.7	97.2	18.8
		20	52.6	9.87	62.8	12.0	72.9	14.4	78.0	15.9	83.1	17.4	93.2	19.6	95.9	19.7
		21	52.6	9.96	62.8	12.1	72.9	14.9	78.0	16.4	83.1	18.0	93.2	20.0	95.2	20.2
		23	52.6	10.2	62.8	12.9	72.9	16.0	78.0	17.6	83.1	19.3	92.0	21.0	93.9	21.1
		25	52.6	10.9	62.8	13.8	72.9	17.1	78.0	18.9	83.1	20.7	90.7	21.9	92.6	22.1
		27	52.6	11.6	62.8	14.8	72.9	18.3	78.0	20.2	83.1	22.2	89.3	22.8	91.2	23.0
		29	52.6	12.4	62.8	15.7	72.9	19.5	78.0	21.5	83.1	23.5	88.0	23.7	89.9	23.9
		31	52.6	13.2	62.8	16.8	72.9	20.8	78.0	23.0	83.1	24.4	86.7	24.6	88.6	24.9
		33	52.6	14.0	62.8	17.9	72.9	22.2	78.0	24.5	83.1	25.4	85.3	25.6	86.4	25.7
		35	52.6	14.9	62.8	19.0	72.9	23.7	78.0	26.2	82.1	26.3	83.7	26.5	83.9	26.5
		37	52.6	15.8	62.8	20.2	72.9	25.2	78.0	27.1	80.8	27.2	81.2	27.3	81.4	27.3
		39	52.6	16.8	62.8	21.5	72.9	26.8	77.3	28.0	77.9	28.0	78.7	28.0	79.0	28.1

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	630	10	47.4	8.07	56.5	9.73	65.6	11.5	70.2	12.4	74.8	13.3	83.9	15.2	93.0	17.2
		12	47.4	8.21	56.5	9.91	65.6	11.7	70.2	12.6	74.8	13.6	83.9	15.5	93.0	17.5
		14	47.4	8.35	56.5	10.1	65.6	11.9	70.2	12.9	74.8	13.8	83.9	15.8	93.0	17.8
		16	47.4	8.50	56.5	10.3	65.6	12.2	70.2	13.1	74.8	14.1	83.9	16.1	93.0	18.1
		18	47.4	8.65	56.5	10.5	65.6	12.4	70.2	13.4	74.8	14.4	83.9	16.4	93.0	18.7
		20	47.4	8.81	56.5	10.7	65.6	12.6	70.2	13.6	74.8	14.9	83.9	17.7	93.0	19.6
		21	47.4	8.89	56.5	10.8	65.6	12.9	70.2	14.1	74.8	15.5	83.9	18.3	93.0	20.0
		23	47.4	9.06	56.5	11.2	65.6	13.8	70.2	15.1	74.8	16.6	83.9	19.6	92.0	21.0
		25	47.4	9.54	56.5	12.0	65.6	14.7	70.2	16.2	74.8	17.7	83.9	21.0	90.6	21.9
		27	47.4	10.2	56.5	12.8	65.6	15.7	70.2	17.3	74.8	18.9	83.9	22.5	89.3	22.8
		29	47.4	10.8	56.5	13.6	65.6	16.8	70.2	18.5	74.8	20.2	83.9	23.5	88.0	23.7
		31	47.4	11.5	56.5	14.5	65.6	17.9	70.2	19.7	74.8	21.6	83.9	24.5	86.6	24.6
		33	47.4	12.2	56.5	15.4	65.6	19.0	70.2	21.0	74.8	23.0	83.6	25.4	85.3	25.6
		35	47.4	13.0	56.5	16.4	65.6	20.3	70.2	22.4	74.8	24.6	82.3	26.3	83.9	26.5
		37	47.4	13.8	56.5	17.4	65.6	21.6	70.2	23.8	74.8	26.2	80.9	27.2	81.4	27.3
		39	47.4	14.6	56.5	18.5	65.6	23.0	70.2	25.4	74.8	27.9	78.7	28.0	79.0	28.1
80	560	10	42.1	7.17	50.2	8.58	58.3	10.1	62.4	10.9	66.5	11.7	74.6	13.3	82.7	15.0
		12	42.1	7.28	50.2	8.73	58.3	10.3	62.4	11.1	66.5	11.9	74.6	13.5	82.7	15.3
		14	42.1	7.40	50.2	8.88	58.3	10.4	62.4	11.3	66.5	12.1	74.6	13.8	82.7	15.5
		16	42.1	7.53	50.2	9.04	58.3	10.6	62.4	11.5	66.5	12.3	74.6	14.1	82.7	15.9
		18	42.1	7.66	50.2	9.21	58.3	10.8	62.4	11.7	66.5	12.6	74.6	14.3	82.7	16.2
		20	42.1	7.79	50.2	9.38	58.3	11.1	62.4	11.9	66.5	12.8	74.6	14.9	82.7	17.3
		21	42.1	7.86	50.2	9.47	58.3	11.2	62.4	12.0	66.5	13.1	74.6	15.4	82.7	17.9
		23	42.1	8.01	50.2	9.65	58.3	11.7	62.4	12.8	66.5	14.0	74.6	16.5	82.7	19.2
		25	42.1	8.27	50.2	10.3	58.3	12.5	62.4	13.7	66.5	15.0	74.6	17.7	82.7	20.6
		27	42.1	8.79	50.2	10.9	58.3	13.3	62.4	14.6	66.5	16.0	74.6	18.9	82.7	22.0
		29	42.1	9.35	50.2	11.7	58.3	14.2	62.4	15.6	66.5	17.1	74.6	20.2	82.7	23.5
		31	42.1	9.92	50.2	12.4	58.3	15.1	62.4	16.6	66.5	18.2	74.6	21.5	82.7	24.4
		33	42.1	10.5	50.2	13.2	58.3	16.1	62.4	17.7	66.5	19.4	74.6	22.9	82.7	25.4
		35	42.1	11.2	50.2	14.0	58.3	17.1	62.4	18.9	66.5	20.6	74.6	24.5	82.0	26.3
		37	42.1	11.8	50.2	14.9	58.3	18.2	62.4	20.1	66.5	22.0	74.6	26.1	80.7	27.2
		39	42.1	12.5	50.2	15.8	58.3	19.4	62.4	21.3	66.5	23.4	74.6	27.8	79.0	28.1
70	490	10	36.8	6.30	43.9	7.48	51.0	8.73	54.6	9.38	58.2	10.0	65.3	11.4	72.4	12.8
		12	36.8	6.40	43.9	7.60	51.0	8.88	54.6	9.54	58.2	10.2	65.3	11.6	72.4	13.1
		14	36.8	6.50	43.9	7.73	51.0	9.04	54.6	9.72	58.2	10.4	65.3	11.8	72.4	13.3
		16	36.8	6.60	43.9	7.86	51.0	9.20	54.6	9.89	58.2	10.6	65.3	12.1	72.4	13.6
		18	36.8	6.71	43.9	8.00	51.0	9.37	54.6	10.1	58.2	10.8	65.3	12.3	72.4	13.9
		20	36.8	6.82	43.9	8.14	51.0	9.54	54.6	10.3	58.2	11.0	65.3	12.6	72.4	14.2
		21	36.8	6.88	43.9	8.22	51.0	9.64	54.6	10.4	58.2	11.1	65.3	12.7	72.4	14.7
		23	36.8	7.00	43.9	8.37	51.0	9.83	54.6	10.7	58.2	11.7	65.3	13.6	72.4	15.8
		25	36.8	7.13	43.9	8.70	51.0	10.5	54.6	11.4	58.2	12.4	65.3	14.6	72.4	16.9
		27	36.8	7.53	43.9	9.26	51.0	11.2	54.6	12.2	58.2	13.3	65.3	15.6	72.4	18.1
		29	36.8	7.99	43.9	9.84	51.0	11.9	54.6	13.0	58.2	14.2	65.3	16.6	72.4	19.3
		31	36.8	8.48	43.9	10.5	51.0	12.7	54.6	13.8	58.2	15.1	65.3	17.7	72.4	20.6
		33	36.8	8.98	43.9	11.1	51.0	13.5	54.6	14.7	58.2	16.0	65.3	18.9	72.4	21.9
		35	36.8	9.51	43.9	11.8	51.0	14.3	54.6	15.7	58.2	17.1	65.3	20.1	72.4	23.4
		37	36.8	10.1	43.9	12.5	51.0	15.2	54.6	16.6	58.2	18.2	65.3	21.4	72.4	24.9
		39	36.8	10.7	43.9	13.2	51.0	16.1	54.6	17.7	58.2	19.3	65.3	22.8	72.4	26.5
60	420	10	31.6	5.48	37.7	6.43	43.8	7.44	46.8	7.97	49.8	8.51	55.9	9.63	62.0	10.8
		12	31.6	5.56	37.7	6.53	43.8	7.57	46.8	8.10	49.8	8.66	55.9	9.80	62.0	11.0
		14	31.6	5.64	37.7	6.63	43.8	7.69	46.8	8.24	49.8	8.81	55.9	9.97	62.0	11.2
		16	31.6	5.72	37.7	6.74	43.8	7.82	46.8	8.39	49.8	8.97	55.9	10.2	62.0	11.4
		18	31.6	5.81	37.7	6.85	43.8	7.96	46.8	8.54	49.8	9.13	55.9	10.4	62.0	11.6
		20	31.6	5.90	37.7	6.97	43.8	8.11	46.8	8.70	49.8	9.30	55.9	10.6	62.0	11.8
		21	31.6	5.95	37.7	7.03	43.8	8.18	46.8	8.78	49.8	9.39	55.9	10.7	62.0	12.0
		23	31.6	6.05	37.7	7.15	43.8	8.33	46.8	8.94	49.8	9.57	55.9	11.1	62.0	12.7
		25	31.6	6.15	37.7	7.28	43.8	8.66	46.8	9.40	49.8	10.2	55.9	11.8	62.0	13.6
		27	31.6	6.37	37.7	7.72	43.8	9.21	46.8	10.0	49.8	10.8	55.9	12.6	62.0	14.5
		29	31.6	6.75	37.7	8.20	43.8	9.79	46.8	10.6	49.8	11.5	55.9	13.4	62.0	15.5
		31	31.6	7.15	37.7	8.69	43.8	10.4	46.8	11.3	49.8	12.3	55.9	14.3	62.0	16.5
		33	31.6	7.56	37.7	9.21	43.8	11.0	46.8	12.0	49.8	13.0	55.9	15.2	62.0	17.6
		35	31.6	8.00	37.7	9.76	43.8	11.7	46.8	12.8	49.8	13.9	55.9	16.2	62.0	18.7
		37	31.6	8.45	37.7	10.3	43.8	12.4	46.8	13.5	49.8	14.7	55.9	17.2	62.0	19.9
		39	31.6	8.93	37.7	10.9	43.8	13.2	46.8	14.4	49.8	15.6	55.9	18.3	62.0	21.1

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	350	10	26.3	4.71	31.4	5.45	36.5	6.24	39.0	6.65	41.5	7.07	46.6	7.94	51.7	8.84
		12	26.3	4.77	31.4	5.53	36.5	6.33	39.0	6.75	41.5	7.18	46.6	8.07	51.7	9.00
		14	26.3	4.83	31.4	5.61	36.5	6.43	39.0	6.86	41.5	7.30	46.6	8.21	51.7	9.16
		16	26.3	4.90	31.4	5.69	36.5	6.53	39.0	6.97	41.5	7.42	46.6	8.35	51.7	9.32
		18	26.3	4.97	31.4	5.78	36.5	6.64	39.0	7.09	41.5	7.55	46.6	8.50	51.7	9.49
		20	26.3	5.04	31.4	5.87	36.5	6.75	39.0	7.21	41.5	7.68	46.6	8.66	51.7	9.67
		21	26.3	5.08	31.4	5.92	36.5	6.81	39.0	7.28	41.5	7.75	46.6	8.74	51.7	9.77
		23	26.3	5.15	31.4	6.01	36.5	6.93	39.0	7.41	41.5	7.89	46.6	8.90	51.7	9.99
		25	26.3	5.23	31.4	6.11	36.5	7.05	39.0	7.56	41.5	8.13	46.6	9.35	51.7	10.7
		27	26.3	5.31	31.4	6.33	36.5	7.44	39.0	8.04	41.5	8.65	46.6	9.96	51.7	11.4
		29	26.3	5.62	31.4	6.71	36.5	7.90	39.0	8.53	41.5	9.19	46.6	10.6	51.7	12.1
		31	26.3	5.94	31.4	7.10	36.5	8.37	39.0	9.05	41.5	9.76	46.6	11.3	51.7	12.9
		33	26.3	6.27	31.4	7.51	36.5	8.87	39.0	9.60	41.5	10.4	46.6	12.0	51.7	13.7
		35	26.3	6.62	31.4	7.94	36.5	9.40	39.0	10.2	41.5	11.0	46.6	12.7	51.7	14.5
		37	26.3	6.98	31.4	8.39	36.5	9.95	39.0	10.8	41.5	11.6	46.6	13.5	51.7	15.4
		39	26.3	7.36	31.4	8.87	36.5	10.5	39.0	11.4	41.5	12.3	46.6	14.3	51.7	16.4

PA-30ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	975	10	74.1	13.8	88.4	16.8	103	20.0	110	20.5	112	20.0	115	19.2	117	18.3
		12	74.1	14.0	88.4	17.2	103	20.4	109	20.3	111	19.9	113	19.1	116	18.8
		14	74.1	14.3	88.4	17.5	103	20.7	108	20.2	109	19.8	112	19.7	115	19.8
		16	74.1	14.6	88.4	17.8	103	20.6	106	20.4	108	20.5	110	20.7	113	20.9
		18	74.1	14.8	88.4	18.2	103	21.4	105	21.5	106	21.6	109	21.8	112	22.0
		20	74.1	15.1	88.4	19.4	102	22.4	104	22.5	105	22.6	108	22.8	110	23.1
		21	74.1	15.6	88.4	20.1	101	22.9	103	23.0	104	23.1	107	23.4	109	23.6
		23	74.1	16.7	88.4	21.5	100	24.0	101	24.1	103	24.2	105	24.5	107	24.6
		25	74.1	17.8	88.4	23.0	98.6	25.0	99.9	25.1	101	25.3	104	25.5	104	25.6
		27	74.1	19.0	88.4	24.6	97.1	26.1	98.5	26.2	99.8	26.3	101	26.5	102	26.5
		29	74.1	20.3	88.4	26.3	95.7	27.1	97.0	27.3	98.3	27.4	98.6	27.4	98.9	27.5
		31	74.1	21.7	88.4	27.9	94.2	28.2	95.5	28.3	95.7	28.3	95.9	28.4	96.2	28.4
		33	74.1	23.1	88.4	28.9	92.7	29.2	92.9	29.3	93.0	29.3	93.3	29.3	93.6	29.3
		35	74.1	24.6	88.4	30.0	90.1	30.2	90.2	30.2	90.4	30.2	90.6	30.2	90.9	30.3
		37	74.1	26.2	87.2	31.0	87.4	31.1	87.6	31.1	87.7	31.1	88.0	31.1	88.2	31.2
		39	74.1	27.9	81.6	31.9	83.0	31.9	83.7	32.0	84.4	32.0	85.3	32.0	85.6	32.1
120	900	10	68.4	12.6	81.6	15.4	94.8	18.3	101.4	19.7	108.0	20.6	112.8	19.8	115.3	19.0
		12	68.4	12.8	81.6	15.6	94.8	18.6	101.4	20.1	108.0	20.5	111.4	19.7	113.9	18.9
		14	68.4	13.0	81.6	15.9	94.8	19.0	101.4	20.5	107.5	20.4	110.0	19.6	112.4	19.7
		16	68.4	13.3	81.6	16.3	94.8	19.3	101.4	20.6	106.0	20.4	108.5	20.6	111.0	20.8
		18	68.4	13.5	81.6	16.6	94.8	20.0	101.4	21.3	104.6	21.4	107.1	21.6	109.5	21.8
		20	68.4	13.8	81.6	17.2	94.8	21.5	101.4	22.4	103.2	22.5	105.6	22.7	108.1	22.9
		21	68.4	13.9	81.6	17.8	94.8	22.3	101.2	22.9	102.4	23.0	104.9	23.2	107.4	23.4
		23	68.4	14.9	81.6	19.1	94.8	23.8	99.8	23.9	101.0	24.1	103.5	24.3	105.9	24.5
		25	68.4	15.9	81.6	20.5	94.8	24.9	98.3	25.0	99.5	25.1	102.0	25.3	104.2	25.6
		27	68.4	17.0	81.6	21.9	94.8	25.9	96.9	26.0	98.1	26.2	100.6	26.4	101.5	26.5
		29	68.4	18.1	81.6	23.4	94.2	27.0	95.4	27.1	96.7	27.2	98.6	27.4	98.9	27.5
		31	68.4	19.3	81.6	24.9	92.7	28.0	94.0	28.2	95.2	28.3	95.9	28.4	96.2	28.4
		33	68.4	20.6	81.6	26.6	91.3	29.1	92.5	29.2	93.0	29.3	93.3	29.3	93.6	29.3
		35	68.4	21.9	81.6	28.4	89.9	30.1	90.2	30.2	90.4	30.2	90.6	30.2	90.9	30.3
		37	68.4	23.3	81.6	30.2	87.4	31.1	87.6	31.1	87.7	31.1	88.0	31.1	88.2	31.2
		39	68.4	24.8	81.6	31.9	83.0	31.9	83.7	32.0	84.4	32.0	85.3	32.0	85.6	32.1
110	825	10	62.7	11.4	74.8	13.9	86.9	16.5	93.0	17.8	99.0	19.2	111	20.4	113	19.7
		12	62.7	11.6	74.8	14.2	86.9	16.8	93.0	18.2	99.0	19.6	110	20.3	112	19.6
		14	62.7	11.8	74.8	14.4	86.9	17.1	93.0	18.5	99.0	19.9	108	20.2	110	19.5
		16	62.7	12.1	74.8	14.7	86.9	17.5	93.0	18.9	99.0	20.3	107	20.4	109	20.6
		18	62.7	12.3	74.8	15.0	86.9	17.8	93.0	19.4	99.0	21.3	105	21.5	107	21.7
		20	62.7	12.5	74.8	15.3	86.9	18.9	93.0	20.9	99.0	22.3	104	22.5	106	22.7
		21	62.7	12.6	74.8	15.8	86.9	19.6	93.0	21.6	99.0	22.9	103	23.1	105	23.2
		23	62.7	13.2	74.8	16.9	86.9	21.0	93.0	23.2	99.0	23.9	102	24.1	104	24.3
		25	62.7	14.1	74.8	18.0	86.9	22.4	93.0	24.8	97.9	24.9	100	25.2	102	25.4
		27	62.7	15.1	74.8	19.3	86.9	24.0	93.0	25.9	96.4	26.0	98.7	26.2	101	26.5
		29	62.7	16.1	74.8	20.6	86.9	25.7	93.0	26.9	95.0	27.0	97.2	27.3	98.9	27.5
		31	62.7	17.1	74.8	21.9	86.9	27.4	92.4	28.0	93.5	28.1	95.8	28.4	96.2	28.4
		33	62.7	18.2	74.8	23.4	86.9	28.9	91.0	29.0	92.1	29.2	93.3	29.3	93.6	29.3
		35	62.7	19.4	74.8	24.9	86.9	29.9	89.5	30.1	90.4	30.2	90.6	30.2	90.9	30.3
		37	62.7	20.6	74.8	26.5	86.9	31.0	87.6	31.1	87.7	31.1	88.0	31.1	88.2	31.2
		39	62.7	21.9	74.8	28.3	83.0	31.9	83.7	32.0	84.4	32.0	85.3	32.0	85.6	32.1
100	750	10	57.0	10.3	68.0	12.5	79.0	14.8	84.5	16.0	90.0	17.2	101	19.6	111	20.3
		12	57.0	10.5	68.0	12.7	79.0	15.1	84.5	16.3	90.0	17.5	101	20.0	110	20.2
		14	57.0	10.7	68.0	12.9	79.0	15.4	84.5	16.6	90.0	17.8	101	20.4	108	20.1
		16	57.0	10.9	68.0	13.2	79.0	15.7	84.5	16.9	90.0	18.2	101	20.7	107	20.4
		18	57.0	11.1	68.0	13.4	79.0	16.0	84.5	17.3	90.0	18.6	101	21.3	105	21.5
		20	57.0	11.3	68.0	13.7	79.0	16.4	84.5	18.1	90.0	19.9	101	22.4	104	22.5
		21	57.0	11.4	68.0	13.9	79.0	17.0	84.5	18.8	90.0	20.6	101	22.9	103	23.1
		23	57.0	11.7	68.0	14.8	79.0	18.2	84.5	20.1	90.0	22.1	99.7	23.9	102	24.1
		25	57.0	12.5	68.0	15.8	79.0	19.5	84.5	21.5	90.0	23.6	98.2	25.0	100	25.2
		27	57.0	13.3	68.0	16.8	79.0	20.9	84.5	23.0	90.0	25.3	96.8	26.0	98.8	26.2
		29	57.0	14.1	68.0	18.0	79.0	22.3	84.5	24.6	90.0	26.9	95.3	27.1	97.4	27.3
		31	57.0	15.0	68.0	19.2	79.0	23.8	84.5	26.3	90.0	27.9	93.9	28.1	96.0	28.4
		33	57.0	16.0	68.0	20.4	79.0	25.3	84.5	28.0	90.0	29.0	92.5	29.2	93.6	29.3
		35	57.0	17.0	68.0	21.7	79.0	27.0	84.5	29.9	89.0	30.0	90.6	30.2	90.9	30.3
		37	57.0	18.1	68.0	23.1	79.0	28.8	84.5	30.9	87.5	31.1	88.0	31.1	88.2	31.2
		39	57.0	19.2	68.0	24.6	79.0	30.7	83.7	32.0	84.4	32.0	85.3	32.0	85.6	32.1

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	675	10	51.3	9.22	61.2	11.1	71.1	13.1	76.1	14.2	81.0	15.2	90.9	17.4	100.8	19.6
		12	51.3	9.37	61.2	11.3	71.1	13.4	76.1	14.4	81.0	15.5	90.9	17.7	100.8	20.0
		14	51.3	9.53	61.2	11.5	71.1	13.6	76.1	14.7	81.0	15.8	90.9	18.1	100.8	20.3
		16	51.3	9.70	61.2	11.7	71.1	13.9	76.1	15.0	81.0	16.1	90.9	18.4	100.8	20.7
		18	51.3	9.88	61.2	12.0	71.1	14.1	76.1	15.3	81.0	16.4	90.9	18.8	100.8	21.3
		20	51.3	10.1	61.2	12.2	71.1	14.4	76.1	15.6	81.0	17.0	90.9	20.2	100.8	22.4
		21	51.3	10.2	61.2	12.3	71.1	14.7	76.1	16.1	81.0	17.6	90.9	20.9	100.8	22.9
		23	51.3	10.3	61.2	12.8	71.1	15.7	76.1	17.3	81.0	18.9	90.9	22.4	99.6	23.9
		25	51.3	10.9	61.2	13.7	71.1	16.8	76.1	18.5	81.0	20.2	90.9	24.0	98.2	25.0
		27	51.3	11.6	61.2	14.6	71.1	17.9	76.1	19.7	81.0	21.6	90.9	25.7	96.8	26.0
		29	51.3	12.3	61.2	15.5	71.1	19.1	76.1	21.1	81.0	23.1	90.9	26.9	95.3	27.1
		31	51.3	13.1	61.2	16.6	71.1	20.4	76.1	22.5	81.0	24.7	90.9	27.9	93.9	28.1
		33	51.3	13.9	61.2	17.6	71.1	21.7	76.1	24.0	81.0	26.3	90.6	29.0	92.4	29.2
		35	51.3	14.8	61.2	18.7	71.1	23.1	76.1	25.5	81.0	28.0	89.1	30.0	90.9	30.3
		37	51.3	15.7	61.2	19.9	71.1	24.6	76.1	27.2	81.0	29.9	87.7	31.1	88.2	31.2
		39	51.3	16.7	61.2	21.2	71.1	26.2	76.1	29.0	81.0	31.8	85.3	32.0	85.6	32.1
80	600	10	45.6	8.18	54.4	9.8	63.2	11.5	67.6	12.4	72.0	13.3	80.8	15.2	89.6	17.1
		12	45.6	8.31	54.4	10.0	63.2	11.7	67.6	12.6	72.0	13.6	80.8	15.5	89.6	17.4
		14	45.6	8.45	54.4	10.1	63.2	11.9	67.6	12.9	72.0	13.8	80.8	15.8	89.6	17.8
		16	45.6	8.59	54.4	10.3	63.2	12.2	67.6	13.1	72.0	14.1	80.8	16.1	89.6	18.1
		18	45.6	8.74	54.4	10.5	63.2	12.4	67.6	13.4	72.0	14.3	80.8	16.4	89.6	18.5
		20	45.6	8.90	54.4	10.7	63.2	12.6	67.6	13.6	72.0	14.6	80.8	17.0	89.6	19.7
		21	45.6	8.98	54.4	10.8	63.2	12.8	67.6	13.8	72.0	14.9	80.8	17.6	89.6	20.5
		23	45.6	9.14	54.4	11.0	63.2	13.4	67.6	14.6	72.0	16.0	80.8	18.8	89.6	21.9
		25	45.6	9.44	54.4	11.7	63.2	14.3	67.6	15.7	72.0	17.1	80.8	20.2	89.6	23.5
		27	45.6	10.0	54.4	12.5	63.2	15.2	67.6	16.7	72.0	18.2	80.8	21.5	89.6	25.1
		29	45.6	10.7	54.4	13.3	63.2	16.2	67.6	17.8	72.0	19.5	80.8	23.0	89.6	26.9
		31	45.6	11.3	54.4	14.1	63.2	17.3	67.6	19.0	72.0	20.8	80.8	24.6	89.6	27.9
		33	45.6	12.0	54.4	15.0	63.2	18.4	67.6	20.2	72.0	22.1	80.8	26.2	89.6	28.9
		35	45.6	12.8	54.4	16.0	63.2	19.6	67.6	21.5	72.0	23.6	80.8	27.9	88.9	30.0
		37	45.6	13.5	54.4	17.0	63.2	20.8	67.6	22.9	72.0	25.1	80.8	29.8	87.4	31.1
		39	45.6	14.3	54.4	18.0	63.2	22.1	67.6	24.4	72.0	26.7	80.8	31.7	85.6	32.1
70	525	10	39.9	7.19	47.6	8.54	55.3	9.97	59.2	10.7	63.0	11.5	70.7	13.0	78.4	14.7
		12	39.9	7.30	47.6	8.68	55.3	10.1	59.2	10.9	63.0	11.7	70.7	13.3	78.4	14.9
		14	39.9	7.42	47.6	8.82	55.3	10.3	59.2	11.1	63.0	11.9	70.7	13.5	78.4	15.2
		16	39.9	7.54	47.6	8.97	55.3	10.5	59.2	11.3	63.0	12.1	70.7	13.8	78.4	15.5
		18	39.9	7.66	47.6	9.13	55.3	10.7	59.2	11.5	63.0	12.3	70.7	14.1	78.4	15.8
		20	39.9	7.79	47.6	9.30	55.3	10.9	59.2	11.7	63.0	12.6	70.7	14.3	78.4	16.3
		21	39.9	7.86	47.6	9.38	55.3	11.0	59.2	11.8	63.0	12.7	70.7	14.6	78.4	16.8
		23	39.9	7.99	47.6	9.56	55.3	11.2	59.2	12.2	63.0	13.3	70.7	15.6	78.4	18.0
		25	39.9	8.14	47.6	9.94	55.3	12.0	59.2	13.1	63.0	14.2	70.7	16.7	78.4	19.3
		27	39.9	8.60	47.6	10.6	55.3	12.8	59.2	13.9	63.0	15.2	70.7	17.8	78.4	20.6
		29	39.9	9.13	47.6	11.2	55.3	13.6	59.2	14.8	63.0	16.2	70.7	19.0	78.4	22.0
		31	39.9	9.68	47.6	11.9	55.3	14.5	59.2	15.8	63.0	17.2	70.7	20.2	78.4	23.5
		33	39.9	10.3	47.6	12.7	55.3	15.4	59.2	16.8	63.0	18.3	70.7	21.5	78.4	25.0
		35	39.9	10.9	47.6	13.4	55.3	16.3	59.2	17.9	63.0	19.5	70.7	22.9	78.4	26.7
		37	39.9	11.5	47.6	14.3	55.3	17.3	59.2	19.0	63.0	20.7	70.7	24.4	78.4	28.4
		39	39.9	12.2	47.6	15.1	55.3	18.4	59.2	20.2	63.0	22.0	70.7	26.0	78.4	30.3
60	450	10	34.2	6.26	40.8	7.34	47.4	8.50	50.7	9.1	54.0	9.7	60.6	11.0	67.2	12.3
		12	34.2	6.35	40.8	7.46	47.4	8.64	50.7	9.3	54.0	9.9	60.6	11.2	67.2	12.5
		14	34.2	6.44	40.8	7.58	47.4	8.78	50.7	9.4	54.0	10.1	60.6	11.4	67.2	12.8
		16	34.2	6.54	40.8	7.70	47.4	8.93	50.7	9.6	54.0	10.2	60.6	11.6	67.2	13.0
		18	34.2	6.64	40.8	7.83	47.4	9.09	50.7	9.7	54.0	10.4	60.6	11.8	67.2	13.3
		20	34.2	6.74	40.8	7.96	47.4	9.25	50.7	9.9	54.0	10.6	60.6	12.0	67.2	13.5
		21	34.2	6.79	40.8	8.03	47.4	9.34	50.7	10.0	54.0	10.7	60.6	12.2	67.2	13.7
		23	34.2	6.90	40.8	8.17	47.4	9.51	50.7	10.2	54.0	10.9	60.6	12.6	67.2	14.5
		25	34.2	7.02	40.8	8.32	47.4	9.88	50.7	10.7	54.0	11.6	60.6	13.5	67.2	15.5
		27	34.2	7.27	40.8	8.82	47.4	10.5	50.7	11.4	54.0	12.4	60.6	14.4	67.2	16.6
		29	34.2	7.71	40.8	9.36	47.4	11.2	50.7	12.2	54.0	13.2	60.6	15.3	67.2	17.7
		31	34.2	8.16	40.8	9.93	47.4	11.9	50.7	12.9	54.0	14.0	60.6	16.3	67.2	18.8
		33	34.2	8.63	40.8	10.5	47.4	12.6	50.7	13.7	54.0	14.9	60.6	17.4	67.2	20.0
		35	34.2	9.13	40.8	11.1	47.4	13.4	50.7	14.6	54.0	15.8	60.6	18.5	67.2	21.3
		37	34.2	9.65	40.8	11.8	47.4	14.2	50.7	15.5	54.0	16.8	60.6	19.6	67.2	22.7
		39	34.2	10.2	40.8	12.5	47.4	15.0	50.7	16.4	54.0	17.8	60.6	20.9	67.2	24.1

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	375	10	28.5	5.38	34.0	6.22	39.5	7.12	42.3	7.59	45.0	8.07	50.5	9.06	56.0	10.1
		12	28.5	5.45	34.0	6.31	39.5	7.23	42.3	7.71	45.0	8.20	50.5	9.21	56.0	10.3
		14	28.5	5.52	34.0	6.40	39.5	7.34	42.3	7.83	45.0	8.33	50.5	9.37	56.0	10.5
		16	28.5	5.59	34.0	6.50	39.5	7.46	42.3	7.96	45.0	8.48	50.5	9.54	56.0	10.6
		18	28.5	5.67	34.0	6.60	39.5	7.58	42.3	8.10	45.0	8.62	50.5	9.71	56.0	10.8
		20	28.5	5.75	34.0	6.70	39.5	7.71	42.3	8.23	45.0	8.77	50.5	9.89	56.0	11.0
		21	28.5	5.80	34.0	6.76	39.5	7.78	42.3	8.31	45.0	8.85	50.5	9.98	56.0	11.1
		23	28.5	5.88	34.0	6.87	39.5	7.91	42.3	8.46	45.0	9.01	50.5	10.2	56.0	11.4
		25	28.5	5.97	34.0	6.98	39.5	8.05	42.3	8.63	45.0	9.29	50.5	10.7	56.0	12.2
		27	28.5	6.07	34.0	7.23	39.5	8.50	42.3	9.17	45.0	9.88	50.5	11.4	56.0	13.0
		29	28.5	6.42	34.0	7.66	39.5	9.02	42.3	9.74	45.0	10.5	50.5	12.1	56.0	13.8
		31	28.5	6.78	34.0	8.11	39.5	9.56	42.3	10.3	45.0	11.1	50.5	12.9	56.0	14.7
		33	28.5	7.16	34.0	8.58	39.5	10.1	42.3	11.0	45.0	11.8	50.5	13.6	56.0	15.6
		35	28.5	7.56	34.0	9.07	39.5	10.7	42.3	11.6	45.0	12.5	50.5	14.5	56.0	16.6
		37	28.5	7.97	34.0	9.58	39.5	11.4	42.3	12.3	45.0	13.3	50.5	15.4	56.0	17.6
		39	28.5	8.40	34.0	10.1	39.5	12.0	42.3	13.0	45.0	14.1	50.5	16.3	56.0	18.7

PA-32ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	1,040	10	78.1	14.4	93.1	17.6	108	20.9	116	21.4	118	20.9	121	20.1	124	19.2
		12	78.1	14.7	93.1	17.9	108	21.3	115	21.3	117	20.8	119	19.9	122	19.6
		14	78.1	14.9	93.1	18.3	108	21.6	114	21.2	115	20.7	118	20.5	121	20.7
		16	78.1	15.2	93.1	18.6	108	21.5	112	21.3	113	21.4	116	21.7	119	21.9
		18	78.1	15.5	93.1	19.0	108	22.3	111	22.4	112	22.5	115	22.8	118	23.0
		20	78.1	15.8	93.1	20.2	108	23.4	109	23.5	110	23.6	113	23.9	116	24.1
		21	78.1	16.3	93.1	21.0	107	24.0	108	24.1	110	24.2	112	24.4	114	24.6
		23	78.1	17.4	93.1	22.5	105	25.1	107	25.2	108	25.3	111	25.6	111	25.6
		25	78.1	18.6	93.1	24.1	104	26.1	105	26.3	107	26.4	108	26.6	109	26.6
		27	78.1	19.9	93.1	25.8	102	27.2	104	27.4	105	27.5	106	27.6	106	27.6
		29	78.1	21.2	93.1	27.5	101	28.4	102	28.5	102	28.5	103	28.6	103	28.6
		31	78.1	22.6	93.1	29.1	99.2	29.5	99.5	29.5	99.6	29.5	99.9	29.5	100	29.6
		33	78.1	24.1	93.1	30.2	96.6	30.4	96.7	30.5	96.8	30.5	97.1	30.5	97.4	30.5
		35	78.1	25.7	93.1	31.3	93.8	31.4	93.9	31.4	94.0	31.4	94.3	31.5	94.6	31.5
		37	78.1	27.4	86.7	32.0	88.2	32.3	89.0	32.3	89.8	32.4	91.3	32.4	91.8	32.4
		39	78.1	29.1	79.9	30.2	81.4	31.0	82.1	31.4	82.9	31.9	84.4	32.7	85.9	33.4
120	960	10	72.1	13.1	86.0	16.1	99.9	19.1	107	20.6	114	21.5	119	20.7	121	19.9
		12	72.1	13.4	86.0	16.4	99.9	19.5	107	21.0	114	21.4	117	20.6	120	19.7
		14	72.1	13.6	86.0	16.7	99.9	19.8	107	21.4	113	21.3	116	20.4	118	20.6
		16	72.1	13.9	86.0	17.0	99.9	20.2	107	21.6	112	21.3	114	21.5	117	21.7
		18	72.1	14.2	86.0	17.3	99.9	20.9	107	22.3	110	22.4	113	22.6	115	22.8
		20	72.1	14.4	86.0	18.0	99.9	22.5	107	23.4	109	23.5	111	23.7	114	23.9
		21	72.1	14.6	86.0	18.7	99.9	23.3	107	23.9	108	24.0	110	24.3	113	24.5
		23	72.1	15.6	86.0	20.0	99.9	24.9	105	25.0	106	25.1	109	25.4	111	25.6
		25	72.1	16.6	86.0	21.4	99.9	26.0	104	26.1	105	26.2	107	26.5	109	26.6
		27	72.1	17.8	86.0	22.9	99.9	27.1	102	27.2	103	27.4	106	27.6	106	27.6
		29	72.1	18.9	86.0	24.4	99.2	28.2	101	28.3	102	28.5	103	28.6	103	28.6
		31	72.1	20.2	86.0	26.1	97.7	29.3	99.0	29.4	99.6	29.5	99.9	29.5	100	29.6
		33	72.1	21.5	86.0	27.8	96.2	30.4	96.7	30.5	96.8	30.5	97.1	30.5	97.4	30.5
		35	72.1	22.9	86.0	29.6	93.8	31.4	93.9	31.4	94.0	31.4	94.3	31.5	94.6	31.5
		37	72.1	24.4	86.0	31.6	88.2	32.3	89.0	32.3	89.8	32.4	91.3	32.4	91.8	32.4
		39	72.1	25.9	79.9	30.2	81.4	31.0	82.1	31.4	82.9	31.9	84.4	32.7	85.9	33.4
110	880	10	66.1	11.9	78.8	14.5	91.5	17.3	97.9	18.7	104	20.1	117	21.3	119	20.6
		12	66.1	12.1	78.8	14.8	91.5	17.6	97.9	19.0	104	20.4	115	21.2	118	20.4
		14	66.1	12.4	78.8	15.1	91.5	17.9	97.9	19.4	104	20.8	114	21.1	116	20.4
		16	66.1	12.6	78.8	15.4	91.5	18.3	97.9	19.8	104	21.2	112	21.4	115	21.5
		18	66.1	12.8	78.8	15.7	91.5	18.6	97.9	20.3	104	22.3	111	22.5	113	22.6
		20	66.1	13.1	78.8	16.0	91.5	19.7	97.9	21.8	104	23.4	109	23.6	112	23.7
		21	66.1	13.2	78.8	16.5	91.5	20.4	97.9	22.6	104	23.9	108	24.1	111	24.3
		23	66.1	13.8	78.8	17.6	91.5	21.9	97.9	24.2	104	25.0	107	25.2	109	25.4
		25	66.1	14.8	78.8	18.9	91.5	23.5	97.9	26.0	103	26.1	105	26.3	108	26.5
		27	66.1	15.8	78.8	20.2	91.5	25.1	97.9	27.1	102	27.2	104	27.4	106	27.6
		29	66.1	16.8	78.8	21.5	91.5	26.8	97.9	28.1	100	28.3	102	28.5	103	28.6
		31	66.1	17.9	78.8	22.9	91.5	28.6	97.3	29.2	98.5	29.4	99.9	29.5	100	29.6
		33	66.1	19.0	78.8	24.5	91.5	30.2	95.8	30.3	96.8	30.5	97.1	30.5	97.4	30.5
		35	66.1	20.3	78.8	26.1	91.5	31.3	93.9	31.4	94.0	31.4	94.3	31.5	94.6	31.5
		37	66.1	21.5	78.8	27.7	88.2	32.3	89.0	32.3	89.8	32.4	91.3	32.4	91.8	32.4
		39	66.1	22.9	78.8	29.5	81.4	31.0	82.1	31.4	82.9	31.9	84.4	32.7	85.9	33.4
100	800	10	60.1	10.8	71.6	13.1	83.2	15.5	89.0	16.7	94.8	18.0	106	20.5	117	21.3
		12	60.1	11.0	71.6	13.3	83.2	15.8	89.0	17.0	94.8	18.3	106	20.9	116	21.1
		14	60.1	11.1	71.6	13.5	83.2	16.1	89.0	17.3	94.8	18.7	106	21.3	114	21.0
		16	60.1	11.4	71.6	13.8	83.2	16.4	89.0	17.7	94.8	19.0	106	21.6	112	21.4
		18	60.1	11.6	71.6	14.1	83.2	16.7	89.0	18.0	94.8	19.4	106	22.3	111	22.5
		20	60.1	11.8	71.6	14.3	83.2	17.2	89.0	18.9	94.8	20.8	106	23.4	109	23.6
		21	60.1	11.9	71.6	14.5	83.2	17.8	89.0	19.6	94.8	21.5	106	23.9	109	24.1
		23	60.1	12.2	71.6	15.4	83.2	19.1	89.0	21.0	94.8	23.1	105	25.0	107	25.2
		25	60.1	13.0	71.6	16.5	83.2	20.4	89.0	22.5	94.8	24.7	103	26.1	106	26.3
		27	60.1	13.9	71.6	17.6	83.2	21.8	89.0	24.1	94.8	26.5	102	27.2	104	27.4
		29	60.1	14.8	71.6	18.8	83.2	23.3	89.0	25.7	94.8	28.1	100	28.3	103	28.6
		31	60.1	15.7	71.6	20.0	83.2	24.8	89.0	27.5	94.8	29.2	98.9	29.4	100	29.6
		33	60.1	16.7	71.6	21.3	83.2	26.5	89.0	29.3	94.8	30.3	97.1	30.5	97.4	30.5
		35	60.1	17.8	71.6	22.7	83.2	28.2	89.0	31.2	93.7	31.4	94.3	31.5	94.6	31.5
		37	60.1	18.9	71.6	24.2	83.2	30.1	89.0	32.3	89.8	32.4	91.3	32.4	91.8	32.4
		39	60.1	20.1	71.6	25.7	81.4	31.0	82.1	31.4	82.9	31.9	84.4	32.7	85.9	33.4

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	720	10	54.1	9.64	64.5	11.6	74.9	13.7	80.1	14.8	85.3	15.9	95.7	18.2	106	20.5
		12	54.1	9.80	64.5	11.8	74.9	14.0	80.1	15.1	85.3	16.2	95.7	18.5	106	20.9
		14	54.1	9.97	64.5	12.0	74.9	14.2	80.1	15.4	85.3	16.5	95.7	18.9	106	21.3
		16	54.1	10.1	64.5	12.3	74.9	14.5	80.1	15.7	85.3	16.8	95.7	19.2	106	21.6
		18	54.1	10.3	64.5	12.5	74.9	14.8	80.1	16.0	85.3	17.2	95.7	19.6	106	22.3
		20	54.1	10.5	64.5	12.7	74.9	15.1	80.1	16.3	85.3	17.8	95.7	21.1	106	23.4
		21	54.1	10.6	64.5	12.9	74.9	15.3	80.1	16.9	85.3	18.5	95.7	21.9	106	23.9
		23	54.1	10.8	64.5	13.4	74.9	16.4	80.1	18.1	85.3	19.8	95.7	23.4	105	25.0
		25	54.1	11.4	64.5	14.3	74.9	17.6	80.1	19.3	85.3	21.2	95.7	25.1	103	26.1
		27	54.1	12.1	64.5	15.3	74.9	18.7	80.1	20.6	85.3	22.6	95.7	26.8	102	27.2
		29	54.1	12.9	64.5	16.3	74.9	20.0	80.1	22.0	85.3	24.2	95.7	28.1	100	28.3
		31	54.1	13.7	64.5	17.3	74.9	21.3	80.1	23.5	85.3	25.8	95.7	29.2	98.9	29.4
		33	54.1	14.6	64.5	18.4	74.9	22.7	80.1	25.0	85.3	27.5	95.4	30.3	97.3	30.5
		35	54.1	15.5	64.5	19.6	74.9	24.2	80.1	26.7	85.3	29.3	93.9	31.4	94.6	31.5
		37	54.1	16.4	64.5	20.8	74.9	25.8	80.1	28.4	85.3	31.2	91.3	32.4	91.8	32.4
		39	54.1	17.4	64.5	22.1	74.9	27.4	80.1	30.3	82.9	31.9	84.4	32.7	85.9	33.4
80	640	10	48.1	8.55	57.3	10.2	66.6	12.0	71.2	13.0	75.8	13.9	85.1	15.9	94.3	17.9
		12	48.1	8.69	57.3	10.4	66.6	12.3	71.2	13.2	75.8	14.2	85.1	16.2	94.3	18.2
		14	48.1	8.84	57.3	10.6	66.6	12.5	71.2	13.4	75.8	14.4	85.1	16.5	94.3	18.6
		16	48.1	8.98	57.3	10.8	66.6	12.7	71.2	13.7	75.8	14.7	85.1	16.8	94.3	18.9
		18	48.1	9.14	57.3	11.0	66.6	12.9	71.2	14.0	75.8	15.0	85.1	17.1	94.3	19.3
		20	48.1	9.30	57.3	11.2	66.6	13.2	71.2	14.2	75.8	15.3	85.1	17.8	94.3	20.6
		21	48.1	9.39	57.3	11.3	66.6	13.3	71.2	14.4	75.8	15.6	85.1	18.4	94.3	21.4
		23	48.1	9.56	57.3	11.5	66.6	14.0	71.2	15.3	75.8	16.7	85.1	19.7	94.3	22.9
		25	48.1	9.87	57.3	12.3	66.6	14.9	71.2	16.4	75.8	17.9	85.1	21.1	94.3	24.6
		27	48.1	10.5	57.3	13.1	66.6	15.9	71.2	17.5	75.8	19.1	85.1	22.5	94.3	26.3
		29	48.1	11.2	57.3	13.9	66.6	17.0	71.2	18.6	75.8	20.4	85.1	24.1	94.3	28.1
		31	48.1	11.8	57.3	14.8	66.6	18.1	71.2	19.9	75.8	21.7	85.1	25.7	94.3	29.2
		33	48.1	12.6	57.3	15.7	66.6	19.2	71.2	21.1	75.8	23.1	85.1	27.4	94.3	30.3
		35	48.1	13.3	57.3	16.7	66.6	20.5	71.2	22.5	75.8	24.6	85.1	29.2	93.6	31.4
		37	48.1	14.1	57.3	17.7	66.6	21.8	71.2	23.9	75.8	26.2	85.1	31.1	91.8	32.4
		39	48.1	15.0	57.3	18.8	66.6	23.1	71.2	25.5	75.8	27.9	84.4	32.7	85.9	33.4
70	560	10	42.0	7.52	50.1	8.93	58.2	10.4	62.3	11.2	66.4	12.0	74.5	13.6	82.6	15.3
		12	42.0	7.64	50.1	9.07	58.2	10.6	62.3	11.4	66.4	12.2	74.5	13.9	82.6	15.6
		14	42.0	7.76	50.1	9.22	58.2	10.8	62.3	11.6	66.4	12.4	74.5	14.1	82.6	15.9
		16	42.0	7.88	50.1	9.38	58.2	11.0	62.3	11.8	66.4	12.7	74.5	14.4	82.6	16.2
		18	42.0	8.01	50.1	9.55	58.2	11.2	62.3	12.0	66.4	12.9	74.5	14.7	82.6	16.5
		20	42.0	8.14	50.1	9.72	58.2	11.4	62.3	12.3	66.4	13.2	74.5	15.0	82.6	17.0
		21	42.0	8.21	50.1	9.81	58.2	11.5	62.3	12.4	66.4	13.3	74.5	15.2	82.6	17.6
		23	42.0	8.36	50.1	9.99	58.2	11.7	62.3	12.8	66.4	13.9	74.5	16.3	82.6	18.9
		25	42.0	8.51	50.1	10.4	58.2	12.5	62.3	13.7	66.4	14.9	74.5	17.4	82.6	20.2
		27	42.0	8.99	50.1	11.1	58.2	13.3	62.3	14.6	66.4	15.9	74.5	18.6	82.6	21.6
		29	42.0	9.54	50.1	11.8	58.2	14.2	62.3	15.5	66.4	16.9	74.5	19.8	82.6	23.0
		31	42.0	10.1	50.1	12.5	58.2	15.1	62.3	16.5	66.4	18.0	74.5	21.1	82.6	24.6
		33	42.0	10.7	50.1	13.3	58.2	16.1	62.3	17.6	66.4	19.2	74.5	22.5	82.6	26.2
		35	42.0	11.4	50.1	14.1	58.2	17.1	62.3	18.7	66.4	20.4	74.5	24.0	82.6	27.9
		37	42.0	12.0	50.1	14.9	58.2	18.1	62.3	19.9	66.4	21.7	74.5	25.5	82.6	29.7
		39	42.0	12.7	50.1	15.8	58.2	19.2	62.3	21.1	66.4	23.0	74.5	27.2	82.6	31.7
60	480	10	36.0	6.54	43.0	7.68	49.9	8.89	53.4	9.52	56.9	10.2	63.8	11.5	70.8	12.9
		12	36.0	6.64	43.0	7.80	49.9	9.03	53.4	9.68	56.9	10.3	63.8	11.7	70.8	13.1
		14	36.0	6.73	43.0	7.92	49.9	9.18	53.4	9.84	56.9	10.5	63.8	11.9	70.8	13.4
		16	36.0	6.83	43.0	8.05	49.9	9.34	53.4	10.0	56.9	10.7	63.8	12.1	70.8	13.6
		18	36.0	6.94	43.0	8.18	49.9	9.50	53.4	10.2	56.9	10.9	63.8	12.4	70.8	13.9
		20	36.0	7.05	43.0	8.32	49.9	9.68	53.4	10.4	56.9	11.1	63.8	12.6	70.8	14.1
		21	36.0	7.10	43.0	8.39	49.9	9.76	53.4	10.5	56.9	11.2	63.8	12.7	70.8	14.3
		23	36.0	7.22	43.0	8.54	49.9	9.95	53.4	10.7	56.9	11.4	63.8	13.2	70.8	15.2
		25	36.0	7.34	43.0	8.69	49.9	10.3	53.4	11.2	56.9	12.1	63.8	14.1	70.8	16.2
		27	36.0	7.61	43.0	9.22	49.9	11.0	53.4	11.9	56.9	12.9	63.8	15.0	70.8	17.3
		29	36.0	8.06	43.0	9.78	49.9	11.7	53.4	12.7	56.9	13.8	63.8	16.0	70.8	18.5
		31	36.0	8.53	43.0	10.4	49.9	12.4	53.4	13.5	56.9	14.6	63.8	17.1	70.8	19.7
		33	36.0	9.03	43.0	11.0	49.9	13.2	53.4	14.3	56.9	15.6	63.8	18.2	70.8	21.0
		35	36.0	9.55	43.0	11.7	49.9	14.0	53.4	15.2	56.9	16.5	63.8	19.3	70.8	22.3
		37	36.0	10.1	43.0	12.3	49.9	14.8	53.4	16.2	56.9	17.6	63.8	20.5	70.8	23.7
		39	36.0	10.7	43.0	13.1	49.9	15.7	53.4	17.1	56.9	18.6	63.8	21.8	70.8	25.2

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	400	10	30.0	5.62	35.8	6.51	41.6	7.45	44.5	7.94	47.4	8.44	53.2	9.48	59.0	10.6
		12	30.0	5.70	35.8	6.60	41.6	7.56	44.5	8.06	47.4	8.57	53.2	9.63	59.0	10.7
		14	30.0	5.77	35.8	6.70	41.6	7.68	44.5	8.19	47.4	8.71	53.2	9.80	59.0	10.9
		16	30.0	5.85	35.8	6.80	41.6	7.80	44.5	8.32	47.4	8.86	53.2	9.97	59.0	11.1
		18	30.0	5.93	35.8	6.90	41.6	7.93	44.5	8.46	47.4	9.01	53.2	10.1	59.0	11.3
		20	30.0	6.02	35.8	7.01	41.6	8.06	44.5	8.61	47.4	9.17	53.2	10.3	59.0	11.5
		21	30.0	6.06	35.8	7.06	41.6	8.13	44.5	8.68	47.4	9.25	53.2	10.4	59.0	11.7
		23	30.0	6.15	35.8	7.18	41.6	8.27	44.5	8.84	47.4	9.42	53.2	10.6	59.0	11.9
		25	30.0	6.24	35.8	7.30	41.6	8.42	44.5	9.02	47.4	9.71	53.2	11.2	59.0	12.7
		27	30.0	6.34	35.8	7.56	41.6	8.89	44.5	9.59	47.4	10.3	53.2	11.9	59.0	13.6
		29	30.0	6.71	35.8	8.01	41.6	9.43	44.5	10.2	47.4	11.0	53.2	12.6	59.0	14.4
		31	30.0	7.09	35.8	8.48	41.6	10.0	44.5	10.8	47.4	11.6	53.2	13.4	59.0	15.4
		33	30.0	7.49	35.8	8.97	41.6	10.6	44.5	11.5	47.4	12.4	53.2	14.3	59.0	16.3
		35	30.0	7.90	35.8	9.48	41.6	11.2	44.5	12.1	47.4	13.1	53.2	15.1	59.0	17.3
		37	30.0	8.33	35.8	10.0	41.6	11.9	44.5	12.9	47.4	13.9	53.2	16.1	59.0	18.4
		39	30.0	8.79	35.8	10.6	41.6	12.6	44.5	13.6	47.4	14.7	53.2	17.1	59.0	19.6

PA-34ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	1,105	10	84.2	14.9	100	18.2	117	21.6	125	22.1	127	21.6	130	20.7	133	19.8
		12	84.2	15.1	100	18.5	117	22.0	124	22.0	126	21.5	129	20.6	132	20.3
		14	84.2	15.4	100	18.9	117	22.3	123	21.9	124	21.4	127	21.2	130	21.4
		16	84.2	15.7	100	19.2	117	22.2	121	22.0	122	22.2	125	22.4	128	22.6
		18	84.2	16.0	100	19.6	117	23.1	119	23.2	121	23.3	124	23.5	127	23.7
		20	84.2	16.3	100	20.9	116	24.2	118	24.3	119	24.4	122	24.7	125	24.9
		21	84.2	16.8	100	21.7	115	24.7	117	24.9	118	25.0	121	25.2	124	25.5
		23	84.2	18.0	100	23.2	114	25.9	115	26.0	117	26.1	120	26.4	123	26.7
		25	84.2	19.2	100	24.9	112	27.0	113	27.1	115	27.3	118	27.6	121	27.8
		27	84.2	20.5	100	26.6	110	28.1	112	28.3	113	28.4	116	28.7	119	29.0
		29	84.2	21.9	100	28.4	109	29.3	110	29.4	112	29.6	115	29.9	118	30.2
		31	84.2	23.4	100	30.1	107	30.4	109	30.6	110	30.8	113	31.1	116	31.4
		33	84.2	24.9	100	31.2	105	31.6	107	31.8	108	31.9	111	32.3	115	32.6
		35	84.2	26.5	100	32.4	104	32.7	105	32.9	107	33.1	110	33.5	113	33.8
		37	84.2	28.3	99.1	33.5	102	33.9	104	34.1	105	34.3	108	34.7	111	35.1
		39	84.2	30.1	97.5	34.7	100	35.1	102	35.3	104	35.5	107	35.9	110	36.3
120	1,020	10	77.7	13.6	92.7	16.6	108	19.7	115	21.3	123	22.2	128	21.4	131	20.5
		12	77.7	13.8	92.7	16.9	108	20.1	115	21.7	123	22.1	127	21.2	129	20.4
		14	77.7	14.1	92.7	17.2	108	20.5	115	22.1	122	22.0	125	21.1	128	21.3
		16	77.7	14.3	92.7	17.5	108	20.9	115	22.3	120	22.0	123	22.2	126	22.4
		18	77.7	14.6	92.7	17.9	108	21.6	115	23.0	119	23.1	122	23.3	124	23.6
		20	77.7	14.9	92.7	18.6	108	23.2	115	24.2	117	24.3	120	24.5	123	24.7
		21	77.7	15.1	92.7	19.3	108	24.0	115	24.7	116	24.8	119	25.1	122	25.3
		23	77.7	16.1	92.7	20.6	108	25.7	113	25.8	115	26.0	118	26.2	120	26.5
		25	77.7	17.2	92.7	22.1	108	26.8	112	27.0	113	27.1	116	27.4	119	27.6
		27	77.7	18.3	92.7	23.6	108	28.0	110	28.1	111	28.2	114	28.5	117	28.8
		29	77.7	19.6	92.7	25.2	107	29.1	108	29.3	110	29.4	113	29.7	115	30.0
		31	77.7	20.9	92.7	26.9	105	30.2	107	30.4	108	30.5	111	30.9	114	31.2
		33	77.7	22.2	92.7	28.7	104	31.4	105	31.5	107	31.7	109	32.0	112	32.4
		35	77.7	23.6	92.7	30.6	102	32.5	103	32.7	105	32.9	108	33.2	111	33.6
		37	77.7	25.2	92.7	32.6	100	33.7	102	33.9	103	34.0	106	34.4	109	34.8
		39	77.7	26.8	92.7	34.5	98.8	34.8	100	35.0	102	35.2	104	35.6	107	36.0
110	935	10	71.3	12.3	85.0	15.0	98.7	17.8	106	19.3	112	20.7	126	22.0	129	21.2
		12	71.3	12.5	85.0	15.3	98.7	18.2	106	19.6	112	21.1	124	21.9	127	21.1
		14	71.3	12.8	85.0	15.6	98.7	18.5	106	20.0	112	21.5	123	21.8	125	21.1
		16	71.3	13.0	85.0	15.9	98.7	18.9	106	20.4	112	21.9	121	22.1	124	22.2
		18	71.3	13.3	85.0	16.2	98.7	19.2	106	21.0	112	23.0	119	23.2	122	23.4
		20	71.3	13.5	85.0	16.5	98.7	20.4	106	22.5	112	24.1	118	24.3	120	24.5
		21	71.3	13.7	85.0	17.0	98.7	21.1	106	23.3	112	24.7	117	24.9	120	25.1
		23	71.3	14.3	85.0	18.2	98.7	22.6	106	25.0	112	25.8	115	26.0	118	26.2
		25	71.3	15.3	85.0	19.5	98.7	24.2	106	26.8	111	26.9	114	27.2	116	27.4
		27	71.3	16.3	85.0	20.8	98.7	25.9	106	27.9	110	28.1	112	28.3	115	28.6
		29	71.3	17.3	85.0	22.2	98.7	27.7	106	29.1	108	29.2	110	29.5	113	29.7
		31	71.3	18.5	85.0	23.7	98.7	29.6	105	30.2	106	30.3	109	30.6	111	30.9
		33	71.3	19.7	85.0	25.3	98.7	31.2	103	31.3	105	31.5	107	31.8	110	32.1
		35	71.3	20.9	85.0	26.9	98.7	32.3	102	32.5	103	32.6	106	32.9	108	33.3
		37	71.3	22.2	85.0	28.7	98.7	33.5	100	33.6	101	33.8	104	34.1	106	34.5
		39	71.3	23.6	85.0	30.5	97.1	34.6	98.4	34.8	99.7	35.0	102	35.3	105	35.7
100	850	10	64.8	11.1	77.3	13.5	89.8	16.0	96.0	17.3	102	18.6	115	21.2	126	21.9
		12	64.8	11.3	77.3	13.7	89.8	16.3	96.0	17.6	102	18.9	115	21.6	125	21.8
		14	64.8	11.5	77.3	14.0	89.8	16.6	96.0	17.9	102	19.3	115	22.0	123	21.7
		16	64.8	11.7	77.3	14.2	89.8	16.9	96.0	18.3	102	19.6	115	22.3	121	22.1
		18	64.8	11.9	77.3	14.5	89.8	17.2	96.0	18.6	102	20.0	115	23.0	120	23.2
		20	64.8	12.2	77.3	14.8	89.8	17.8	96.0	19.6	102	21.5	115	24.2	118	24.3
		21	64.8	12.3	77.3	15.0	89.8	18.4	96.0	20.3	102	22.2	115	24.7	117	24.9
		23	64.8	12.6	77.3	15.9	89.8	19.7	96.0	21.7	102	23.8	113	25.8	116	26.0
		25	64.8	13.5	77.3	17.0	89.8	21.1	96.0	23.2	102	25.5	112	27.0	114	27.2
		27	64.8	14.3	77.3	18.2	89.8	22.5	96.0	24.9	102	27.3	110	28.1	112	28.3
		29	64.8	15.3	77.3	19.4	89.8	24.0	96.0	26.6	102	29.0	108	29.2	111	29.5
		31	64.8	16.2	77.3	20.7	89.8	25.7	96.0	28.4	102	30.1	107	30.4	109	30.6
		33	64.8	17.3	77.3	22.0	89.8	27.4	96.0	30.3	102	31.3	105	31.5	107	31.8
		35	64.8	18.4	77.3	23.4	89.8	29.2	96.0	32.3	101	32.4	103	32.7	106	33.0
		37	64.8	19.5	77.3	24.9	89.8	31.1	96.0	33.4	99.4	33.5	102	33.8	104	34.1
		39	64.8	20.7	77.3	26.5	89.8	33.1	96.0	34.5	97.8	34.7	100	35.0	102	35.3

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	765	10	58.3	9.95	69.5	12.0	80.8	14.2	86.4	15.3	92.0	16.4	103	18.8	114	21.2
		12	58.3	10.1	69.5	12.2	80.8	14.4	86.4	15.6	92.0	16.7	103	19.1	114	21.6
		14	58.3	10.3	69.5	12.4	80.8	14.7	86.4	15.9	92.0	17.1	103	19.5	114	22.0
		16	58.3	10.5	69.5	12.7	80.8	15.0	86.4	16.2	92.0	17.4	103	19.9	114	22.3
		18	58.3	10.7	69.5	12.9	80.8	15.3	86.4	16.5	92.0	17.7	103	20.3	114	23.0
		20	58.3	10.9	69.5	13.2	80.8	15.6	86.4	16.8	92.0	18.4	103	21.8	114	24.1
		21	58.3	11.0	69.5	13.3	80.8	15.8	86.4	17.4	92.0	19.1	103	22.6	114	24.7
		23	58.3	11.2	69.5	13.8	80.8	17.0	86.4	18.6	92.0	20.4	103	24.2	113	25.8
		25	58.3	11.8	69.5	14.8	80.8	18.1	86.4	19.9	92.0	21.8	103	25.9	112	27.0
		27	58.3	12.5	69.5	15.8	80.8	19.4	86.4	21.3	92.0	23.4	103	27.7	110	28.1
		29	58.3	13.3	69.5	16.8	80.8	20.7	86.4	22.7	92.0	24.9	103	29.0	108	29.2
		31	58.3	14.2	69.5	17.9	80.8	22.0	86.4	24.3	92.0	26.6	103	30.2	107	30.4
		33	58.3	15.0	69.5	19.0	80.8	23.5	86.4	25.9	92.0	28.4	103	31.3	105	31.5
		35	58.3	16.0	69.5	20.2	80.8	25.0	86.4	27.6	92.0	30.3	101	32.4	103	32.7
		37	58.3	17.0	69.5	21.5	80.8	26.6	86.4	29.4	92.0	32.3	99.6	33.6	102	33.8
		39	58.3	18.0	69.5	22.8	80.8	28.3	86.4	31.3	92.0	34.4	98.0	34.7	100	35.0
80	680	10	51.8	8.83	61.8	10.6	71.8	12.4	76.8	13.4	81.8	14.4	91.8	16.4	102	18.5
		12	51.8	8.98	61.8	10.8	71.8	12.7	76.8	13.6	81.8	14.6	91.8	16.7	102	18.8
		14	51.8	9.12	61.8	10.9	71.8	12.9	76.8	13.9	81.8	14.9	91.8	17.0	102	19.2
		16	51.8	9.28	61.8	11.1	71.8	13.1	76.8	14.1	81.8	15.2	91.8	17.3	102	19.5
		18	51.8	9.44	61.8	11.3	71.8	13.4	76.8	14.4	81.8	15.5	91.8	17.7	102	19.9
		20	51.8	9.61	61.8	11.6	71.8	13.6	76.8	14.7	81.8	15.8	91.8	18.3	102	21.3
		21	51.8	9.69	61.8	11.7	71.8	13.8	76.8	14.9	81.8	16.1	91.8	19.0	102	22.1
		23	51.8	9.87	61.8	11.9	71.8	14.4	76.8	15.8	81.8	17.3	91.8	20.3	102	23.7
		25	51.8	10.2	61.8	12.7	71.8	15.4	76.8	16.9	81.8	18.4	91.8	21.8	102	25.4
		27	51.8	10.8	61.8	13.5	71.8	16.4	76.8	18.0	81.8	19.7	91.8	23.3	102	27.1
		29	51.8	11.5	61.8	14.4	71.8	17.5	76.8	19.2	81.8	21.0	91.8	24.8	102	29.0
		31	51.8	12.2	61.8	15.3	71.8	18.7	76.8	20.5	81.8	22.4	91.8	26.5	102	30.1
		33	51.8	13.0	61.8	16.2	71.8	19.9	76.8	21.8	81.8	23.9	91.8	28.3	102	31.3
		35	51.8	13.8	61.8	17.2	71.8	21.1	76.8	23.2	81.8	25.4	91.8	30.1	101	32.4
		37	51.8	14.6	61.8	18.3	71.8	22.5	76.8	24.7	81.8	27.1	91.8	32.1	99.3	33.5
		39	51.8	15.5	61.8	19.4	71.8	23.9	76.8	26.3	81.8	28.8	91.8	34.2	97.7	34.7
70	595	10	45.4	7.77	54.1	9.22	62.8	10.8	67.2	11.6	71.6	12.4	80.3	14.1	89.0	15.8
		12	45.4	7.88	54.1	9.37	62.8	10.9	67.2	11.8	71.6	12.6	80.3	14.3	89.0	16.1
		14	45.4	8.01	54.1	9.53	62.8	11.1	67.2	12.0	71.6	12.8	80.3	14.6	89.0	16.4
		16	45.4	8.14	54.1	9.69	62.8	11.3	67.2	12.2	71.6	13.1	80.3	14.9	89.0	16.7
		18	45.4	8.27	54.1	9.86	62.8	11.5	67.2	12.4	71.6	13.3	80.3	15.2	89.0	17.1
		20	45.4	8.41	54.1	10.0	62.8	11.8	67.2	12.7	71.6	13.6	80.3	15.5	89.0	17.6
		21	45.4	8.48	54.1	10.1	62.8	11.9	67.2	12.8	71.6	13.7	80.3	15.7	89.0	18.2
		23	45.4	8.63	54.1	10.3	62.8	12.1	67.2	13.2	71.6	14.4	80.3	16.8	89.0	19.5
		25	45.4	8.78	54.1	10.7	62.8	12.9	67.2	14.1	71.6	15.3	80.3	18.0	89.0	20.8
		27	45.4	9.28	54.1	11.4	62.8	13.8	67.2	15.0	71.6	16.4	80.3	19.2	89.0	22.3
		29	45.4	9.85	54.1	12.1	62.8	14.7	67.2	16.0	71.6	17.5	80.3	20.5	89.0	23.8
		31	45.4	10.4	54.1	12.9	62.8	15.6	67.2	17.1	71.6	18.6	80.3	21.8	89.0	25.4
		33	45.4	11.1	54.1	13.7	62.8	16.6	67.2	18.1	71.6	19.8	80.3	23.3	89.0	27.0
		35	45.4	11.7	54.1	14.5	62.8	17.6	67.2	19.3	71.6	21.0	80.3	24.8	89.0	28.8
		37	45.4	12.4	54.1	15.4	62.8	18.7	67.2	20.5	71.6	22.4	80.3	26.4	89.0	30.7
		39	45.4	13.1	54.1	16.3	62.8	19.9	67.2	21.8	71.6	23.8	80.3	28.1	89.0	32.7
60	510	10	38.9	6.76	46.4	7.93	53.9	9.18	57.6	9.83	61.3	10.5	68.8	11.9	76.3	13.3
		12	38.9	6.85	46.4	8.05	53.9	9.33	57.6	9.99	61.3	10.7	68.8	12.1	76.3	13.5
		14	38.9	6.95	46.4	8.18	53.9	9.48	57.6	10.2	61.3	10.9	68.8	12.3	76.3	13.8
		16	38.9	7.06	46.4	8.31	53.9	9.65	57.6	10.3	61.3	11.1	68.8	12.5	76.3	14.0
		18	38.9	7.16	46.4	8.45	53.9	9.82	57.6	10.5	61.3	11.3	68.8	12.8	76.3	14.3
		20	38.9	7.28	46.4	8.59	53.9	9.99	57.6	10.7	61.3	11.5	68.8	13.0	76.3	14.6
		21	38.9	7.33	46.4	8.67	53.9	10.1	57.6	10.8	61.3	11.6	68.8	13.1	76.3	14.7
		23	38.9	7.45	46.4	8.82	53.9	10.3	57.6	11.0	61.3	11.8	68.8	13.6	76.3	15.7
		25	38.9	7.58	46.4	8.98	53.9	10.7	57.6	11.6	61.3	12.5	68.8	14.6	76.3	16.8
		27	38.9	7.85	46.4	9.52	53.9	11.4	57.6	12.3	61.3	13.4	68.8	15.5	76.3	17.9
		29	38.9	8.32	46.4	10.1	53.9	12.1	57.6	13.1	61.3	14.2	68.8	16.6	76.3	19.1
		31	38.9	8.81	46.4	10.7	53.9	12.8	57.6	13.9	61.3	15.1	68.8	17.6	76.3	20.3
		33	38.9	9.32	46.4	11.4	53.9	13.6	57.6	14.8	61.3	16.1	68.8	18.8	76.3	21.6
		35	38.9	9.86	46.4	12.0	53.9	14.4	57.6	15.7	61.3	17.1	68.8	19.9	76.3	23.0
		37	38.9	10.4	46.4	12.7	53.9	15.3	57.6	16.7	61.3	18.1	68.8	21.2	76.3	24.5
		39	38.9	11.0	46.4	13.5	53.9	16.2	57.6	17.7	61.3	19.2	68.8	22.5	76.3	26.1

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	425	10	32.4	5.81	38.6	6.72	44.9	7.69	48.0	8.20	51.1	8.71	57.4	9.78	63.6	10.9
		12	32.4	5.88	38.6	6.82	44.9	7.81	48.0	8.32	51.1	8.85	57.4	9.95	63.6	11.1
		14	32.4	5.96	38.6	6.91	44.9	7.93	48.0	8.46	51.1	9.00	57.4	10.1	63.6	11.3
		16	32.4	6.04	38.6	7.02	44.9	8.06	48.0	8.60	51.1	9.15	57.4	10.3	63.6	11.5
		18	32.4	6.12	38.6	7.12	44.9	8.19	48.0	8.74	51.1	9.31	57.4	10.5	63.6	11.7
		20	32.4	6.21	38.6	7.24	44.9	8.32	48.0	8.89	51.1	9.47	57.4	10.7	63.6	11.9
		21	32.4	6.26	38.6	7.29	44.9	8.39	48.0	8.97	51.1	9.56	57.4	10.8	63.6	12.0
		23	32.4	6.35	38.6	7.41	44.9	8.54	48.0	9.13	51.1	9.73	57.4	11.0	63.6	12.3
		25	32.4	6.45	38.6	7.54	44.9	8.69	48.0	9.32	51.1	10.0	57.4	11.5	63.6	13.1
		27	32.4	6.55	38.6	7.80	44.9	9.18	48.0	9.90	51.1	10.7	57.4	12.3	63.6	14.0
		29	32.4	6.93	38.6	8.27	44.9	9.74	48.0	10.5	51.1	11.3	57.4	13.1	63.6	14.9
		31	32.4	7.32	38.6	8.75	44.9	10.3	48.0	11.2	51.1	12.0	57.4	13.9	63.6	15.9
		33	32.4	7.73	38.6	9.26	44.9	10.9	48.0	11.8	51.1	12.8	57.4	14.7	63.6	16.9
		35	32.4	8.16	38.6	9.79	44.9	11.6	48.0	12.5	51.1	13.5	57.4	15.6	63.6	17.9
		37	32.4	8.61	38.6	10.3	44.9	12.3	48.0	13.3	51.1	14.3	57.4	16.6	63.6	19.0
		39	32.4	9.07	38.6	10.9	44.9	13.0	48.0	14.1	51.1	15.2	57.4	17.6	63.6	20.2

PA-36ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	1,170	10	88.2	15.5	105	18.9	122	22.5	131	23.0	133	22.5	136	21.6	140	20.6
		12	88.2	15.8	105	19.3	122	23.0	130	22.9	132	22.4	135	21.5	138	21.1
		14	88.2	16.1	105	19.7	122	23.3	128	22.8	130	22.3	133	22.1	136	22.3
		16	88.2	16.4	105	20.1	122	23.1	127	23.0	128	23.1	131	23.3	134	23.5
		18	88.2	16.7	105	20.5	122	24.0	125	24.1	126	24.3	130	24.5	133	24.7
		20	88.2	17.0	105	21.8	122	25.2	123	25.3	125	25.4	128	25.7	131	26.0
		21	88.2	17.5	105	22.6	121	25.8	122	25.9	124	26.0	127	26.3	130	26.6
		23	88.2	18.7	105	24.2	119	27.0	121	27.1	122	27.2	125	27.5	127	27.7
		25	88.2	20.0	105	25.9	117	28.1	119	28.3	120	28.4	124	28.7	124	28.8
		27	88.2	21.4	105	27.7	116	29.3	117	29.5	119	29.6	121	29.8	121	29.9
		29	88.2	22.8	105	29.6	114	30.5	115	30.7	117	30.8	118	30.9	118	30.9
		31	88.2	24.4	105	31.4	112	31.7	114	31.9	114	31.9	114	32.0	115	32.0
		33	88.2	26.0	105	32.5	110	32.9	111	33.0	111	33.0	111	33.0	112	33.1
		35	88.2	27.7	105	33.7	108	34.0	108	34.0	108	34.0	108	34.1	108	34.1
		37	88.2	29.5	104	34.9	104	35.0	105	35.0	105	35.0	105	35.1	105	35.1
		39	88.2	31.4	99.0	36.0	101	36.0	101	36.0	102	36.0	102	36.1	102	36.1
120	1,080	10	81.4	14.1	97.1	17.3	113	20.5	121	22.2	128	23.1	134	22.3	137	21.4
		12	81.4	14.4	97.1	17.6	113	20.9	121	22.6	128	23.0	132	22.1	135	21.2
		14	81.4	14.7	97.1	17.9	113	21.3	121	23.1	128	22.9	131	22.0	134	22.2
		16	81.4	14.9	97.1	18.3	113	21.7	121	23.2	126	22.9	129	23.1	132	23.4
		18	81.4	15.2	97.1	18.6	113	22.5	121	24.0	124	24.1	127	24.3	130	24.6
		20	81.4	15.5	97.1	19.4	113	24.2	121	25.2	123	25.3	126	25.5	129	25.8
		21	81.4	15.7	97.1	20.1	113	25.1	120	25.8	122	25.9	125	26.1	128	26.4
		23	81.4	16.8	97.1	21.5	113	26.8	119	26.9	120	27.1	123	27.3	126	27.6
		25	81.4	17.9	97.1	23.0	113	28.0	117	28.1	118	28.2	121	28.5	124	28.8
		27	81.4	19.1	97.1	24.6	113	29.2	115	29.3	117	29.4	120	29.7	121	29.9
		29	81.4	20.4	97.1	26.3	112	30.3	113	30.5	115	30.6	118	30.9	118	30.9
		31	81.4	21.7	97.1	28.1	110	31.5	112	31.7	113	31.8	114	32.0	115	32.0
		33	81.4	23.1	97.1	29.9	109	32.7	110	32.9	111	33.0	111	33.0	112	33.1
		35	81.4	24.6	97.1	31.9	107	33.9	108	34.0	108	34.0	108	34.1	108	34.1
		37	81.4	26.2	97.1	34.0	104	35.0	105	35.0	105	35.0	105	35.1	105	35.1
		39	81.4	27.9	97.1	35.9	101	36.0	101	36.0	102	36.0	102	36.1	102	36.1
110	990	10	74.6	12.8	89.0	15.6	103	18.6	111	20.1	118	21.6	132	22.9	135	22.1
		12	74.6	13.1	89.0	15.9	103	18.9	111	20.5	118	22.0	130	22.8	133	22.0
		14	74.6	13.3	89.0	16.2	103	19.3	111	20.9	118	22.4	129	22.7	131	22.0
		16	74.6	13.6	89.0	16.5	103	19.7	111	21.3	118	22.9	127	23.0	129	23.2
		18	74.6	13.8	89.0	16.9	103	20.1	111	21.8	118	24.0	125	24.2	128	24.4
		20	74.6	14.1	89.0	17.2	103	21.2	111	23.5	118	25.1	123	25.3	126	25.6
		21	74.6	14.2	89.0	17.7	103	22.0	111	24.3	118	25.7	123	25.9	125	26.2
		23	74.6	14.9	89.0	19.0	103	23.6	111	26.1	118	26.9	121	27.1	123	27.4
		25	74.6	15.9	89.0	20.3	103	25.3	111	27.9	116	28.1	119	28.3	122	28.6
		27	74.6	17.0	89.0	21.7	103	27.0	111	29.1	115	29.2	117	29.5	120	29.8
		29	74.6	18.1	89.0	23.2	103	28.9	111	30.3	113	30.4	116	30.7	118	30.9
		31	74.6	19.3	89.0	24.7	103	30.8	110	31.5	111	31.6	114	31.9	115	32.0
		33	74.6	20.5	89.0	26.3	103	32.5	108	32.7	110	32.8	111	33.0	112	33.1
		35	74.6	21.8	89.0	28.0	103	33.7	106	33.8	108	34.0	108	34.1	108	34.1
		37	74.6	23.2	89.0	29.9	103	34.9	105	35.0	105	35.0	105	35.1	105	35.1
		39	74.6	24.6	89.0	31.8	101	36.0	101	36.0	102	36.0	102	36.1	102	36.1
100	900	10	67.8	11.6	80.9	14.0	94.0	16.6	101	18.0	107	19.3	120	22.1	132	22.9
		12	67.8	11.8	80.9	14.3	94.0	17.0	101	18.3	107	19.7	120	22.5	130	22.8
		14	67.8	12.0	80.9	14.6	94.0	17.3	101	18.7	107	20.1	120	23.0	129	22.6
		16	67.8	12.2	80.9	14.8	94.0	17.6	101	19.0	107	20.5	120	23.3	127	23.0
		18	67.8	12.4	80.9	15.1	94.0	18.0	101	19.4	107	20.9	120	24.0	125	24.2
		20	67.8	12.7	80.9	15.4	94.0	18.5	101	20.4	107	22.4	120	25.2	124	25.4
		21	67.8	12.8	80.9	15.6	94.0	19.2	101	21.1	107	23.2	120	25.8	123	26.0
		23	67.8	13.1	80.9	16.6	94.0	20.5	101	22.6	107	24.8	119	26.9	121	27.1
		25	67.8	14.0	80.9	17.8	94.0	22.0	101	24.2	107	26.6	117	28.1	119	28.3
		27	67.8	14.9	80.9	19.0	94.0	23.5	101	25.9	107	28.5	115	29.3	118	29.5
		29	67.8	15.9	80.9	20.2	94.0	25.1	101	27.7	107	30.2	113	30.5	116	30.7
		31	67.8	16.9	80.9	21.5	94.0	26.7	101	29.5	107	31.4	112	31.7	114	31.9
		33	67.8	18.0	80.9	22.9	94.0	28.5	101	31.5	107	32.6	110	32.9	112	33.1
		35	67.8	19.1	80.9	24.4	94.0	30.4	101	33.6	106	33.8	108	34.1	108	34.1
		37	67.8	20.3	80.9	26.0	94.0	32.4	101	34.8	104	35.0	105	35.1	105	35.1
		39	67.8	21.6	80.9	27.7	94.0	34.5	101	36.0	102	36.0	102	36.1	102	36.1

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	810	10	61.0	10.4	72.8	12.5	84.6	14.8	90.5	15.9	96.3	17.1	108	19.6	120	22.1
		12	61.0	10.5	72.8	12.7	84.6	15.0	90.5	16.2	96.3	17.4	108	19.9	120	22.5
		14	61.0	10.7	72.8	13.0	84.6	15.3	90.5	16.5	96.3	17.8	108	20.3	120	22.9
		16	61.0	10.9	72.8	13.2	84.6	15.6	90.5	16.9	96.3	18.1	108	20.7	120	23.3
		18	61.0	11.1	72.8	13.4	84.6	15.9	90.5	17.2	96.3	18.5	108	21.1	120	24.0
		20	61.0	11.3	72.8	13.7	84.6	16.2	90.5	17.5	96.3	19.2	108	22.7	120	25.2
		21	61.0	11.4	72.8	13.8	84.6	16.5	90.5	18.1	96.3	19.9	108	23.5	120	25.8
		23	61.0	11.6	72.8	14.4	84.6	17.7	90.5	19.4	96.3	21.3	108	25.2	119	26.9
		25	61.0	12.3	72.8	15.4	84.6	18.9	90.5	20.8	96.3	22.8	108	27.0	117	28.1
		27	61.0	13.1	72.8	16.4	84.6	20.2	90.5	22.2	96.3	24.3	108	28.9	115	29.3
		29	61.0	13.9	72.8	17.5	84.6	21.5	90.5	23.7	96.3	26.0	108	30.2	113	30.5
		31	61.0	14.8	72.8	18.6	84.6	22.9	90.5	25.3	96.3	27.7	108	31.4	112	31.7
		33	61.0	15.7	72.8	19.8	84.6	24.5	90.5	27.0	96.3	29.6	108	32.6	110	32.9
		35	61.0	16.7	72.8	21.1	84.6	26.0	90.5	28.7	96.3	31.5	106	33.8	108	34.1
		37	61.0	17.7	72.8	22.4	84.6	27.7	90.5	30.6	96.3	33.6	104	35.0	105	35.1
		39	61.0	18.7	72.8	23.8	84.6	29.5	90.5	32.6	96.3	35.8	102	36.1	102	36.1
80	720	10	54.3	9.20	64.7	11.0	75.2	13.0	80.4	14.0	85.6	15.0	96.1	17.1	107	19.2
		12	54.3	9.35	64.7	11.2	75.2	13.2	80.4	14.2	85.6	15.3	96.1	17.4	107	19.6
		14	54.3	9.51	64.7	11.4	75.2	13.4	80.4	14.5	85.6	15.5	96.1	17.7	107	20.0
		16	54.3	9.67	64.7	11.6	75.2	13.7	80.4	14.7	85.6	15.8	96.1	18.1	107	20.4
		18	54.3	9.84	64.7	11.8	75.2	13.9	80.4	15.0	85.6	16.1	96.1	18.4	107	20.8
		20	54.3	10.0	64.7	12.0	75.2	14.2	80.4	15.3	85.6	16.5	96.1	19.1	107	22.2
		21	54.3	10.1	64.7	12.2	75.2	14.3	80.4	15.5	85.6	16.8	96.1	19.8	107	23.0
		23	54.3	10.3	64.7	12.4	75.2	15.0	80.4	16.5	85.6	18.0	96.1	21.2	107	24.7
		25	54.3	10.6	64.7	13.2	75.2	16.1	80.4	17.6	85.6	19.2	96.1	22.7	107	26.4
		27	54.3	11.3	64.7	14.1	75.2	17.1	80.4	18.8	85.6	20.5	96.1	24.2	107	28.3
		29	54.3	12.0	64.7	15.0	75.2	18.3	80.4	20.0	85.6	21.9	96.1	25.9	107	30.2
		31	54.3	12.7	64.7	15.9	75.2	19.5	80.4	21.4	85.6	23.4	96.1	27.6	107	31.4
		33	54.3	13.5	64.7	16.9	75.2	20.7	80.4	22.8	85.6	24.9	96.1	29.5	107	32.6
		35	54.3	14.3	64.7	18.0	75.2	22.0	80.4	24.2	85.6	26.5	96.1	31.4	106	33.8
		37	54.3	15.2	64.7	19.1	75.2	23.4	80.4	25.8	85.6	28.2	96.1	33.5	104	34.9
		39	54.3	16.1	64.7	20.3	75.2	24.9	80.4	27.4	85.6	30.0	96.1	35.7	102	36.1
70	630	10	47.5	8.09	56.6	9.61	65.8	11.2	70.4	12.0	74.9	12.9	84.1	14.7	93.2	16.5
		12	47.5	8.22	56.6	9.76	65.8	11.4	70.4	12.3	74.9	13.1	84.1	14.9	93.2	16.8
		14	47.5	8.35	56.6	9.93	65.8	11.6	70.4	12.5	74.9	13.4	84.1	15.2	93.2	17.1
		16	47.5	8.48	56.6	10.1	65.8	11.8	70.4	12.7	74.9	13.6	84.1	15.5	93.2	17.5
		18	47.5	8.62	56.6	10.3	65.8	12.0	70.4	12.9	74.9	13.9	84.1	15.8	93.2	17.8
		20	47.5	8.76	56.6	10.5	65.8	12.3	70.4	13.2	74.9	14.2	84.1	16.1	93.2	18.3
		21	47.5	8.84	56.6	10.6	65.8	12.4	70.4	13.3	74.9	14.3	84.1	16.4	93.2	18.9
		23	47.5	8.99	56.6	10.8	65.8	12.6	70.4	13.8	74.9	15.0	84.1	17.5	93.2	20.3
		25	47.5	9.15	56.6	11.2	65.8	13.5	70.4	14.7	74.9	16.0	84.1	18.7	93.2	21.7
		27	47.5	9.68	56.6	11.9	65.8	14.4	70.4	15.7	74.9	17.1	84.1	20.0	93.2	23.2
		29	47.5	10.3	56.6	12.6	65.8	15.3	70.4	16.7	74.9	18.2	84.1	21.3	93.2	24.8
		31	47.5	10.9	56.6	13.4	65.8	16.3	70.4	17.8	74.9	19.4	84.1	22.8	93.2	26.4
		33	47.5	11.5	56.6	14.3	65.8	17.3	70.4	18.9	74.9	20.6	84.1	24.2	93.2	28.2
		35	47.5	12.2	56.6	15.1	65.8	18.4	70.4	20.1	74.9	21.9	84.1	25.8	93.2	30.0
		37	47.5	12.9	56.6	16.0	65.8	19.5	70.4	21.4	74.9	23.3	84.1	27.5	93.2	32.0
		39	47.5	13.7	56.6	17.0	65.8	20.7	70.4	22.7	74.9	24.8	84.1	29.2	93.2	34.1
60	540	10	40.7	7.04	48.5	8.26	56.4	9.56	60.3	10.2	64.2	10.9	72.1	12.4	79.9	13.9
		12	40.7	7.14	48.5	8.39	56.4	9.72	60.3	10.4	64.2	11.1	72.1	12.6	79.9	14.1
		14	40.7	7.25	48.5	8.52	56.4	9.88	60.3	10.6	64.2	11.3	72.1	12.8	79.9	14.4
		16	40.7	7.35	48.5	8.66	56.4	10.1	60.3	10.8	64.2	11.5	72.1	13.1	79.9	14.6
		18	40.7	7.47	48.5	8.80	56.4	10.2	60.3	11.0	64.2	11.7	72.1	13.3	79.9	14.9
		20	40.7	7.58	48.5	8.95	56.4	10.4	60.3	11.2	64.2	11.9	72.1	13.6	79.9	15.2
		21	40.7	7.64	48.5	9.03	56.4	10.5	60.3	11.3	64.2	12.1	72.1	13.7	79.9	15.4
		23	40.7	7.77	48.5	9.19	56.4	10.7	60.3	11.5	64.2	12.3	72.1	14.2	79.9	16.3
		25	40.7	7.90	48.5	9.36	56.4	11.1	60.3	12.1	64.2	13.1	72.1	15.2	79.9	17.5
		27	40.7	8.19	48.5	9.92	56.4	11.8	60.3	12.9	64.2	13.9	72.1	16.2	79.9	18.6
		29	40.7	8.67	48.5	10.5	56.4	12.6	60.3	13.7	64.2	14.8	72.1	17.3	79.9	19.9
		31	40.7	9.18	48.5	11.2	56.4	13.4	60.3	14.5	64.2	15.8	72.1	18.4	79.9	21.2
		33	40.7	9.72	48.5	11.8	56.4	14.2	60.3	15.4	64.2	16.8	72.1	19.5	79.9	22.6
		35	40.7	10.3	48.5	12.5	56.4	15.0	60.3	16.4	64.2	17.8	72.1	20.8	79.9	24.0
		37	40.7	10.9	48.5	13.3	56.4	16.0	60.3	17.4	64.2	18.9	72.1	22.1	79.9	25.5
		39	40.7	11.5	48.5	14.1	56.4	16.9	60.3	18.5	64.2	20.1	72.1	23.5	79.9	27.2

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	450	10	33.9	6.05	40.4	7.00	47.0	8.01	50.3	8.54	53.5	9.08	60.1	10.2	66.6	11.4
		12	33.9	6.13	40.4	7.10	47.0	8.14	50.3	8.67	53.5	9.23	60.1	10.4	66.6	11.6
		14	33.9	6.21	40.4	7.21	47.0	8.26	50.3	8.81	53.5	9.38	60.1	10.5	66.6	11.8
		16	33.9	6.30	40.4	7.31	47.0	8.40	50.3	8.96	53.5	9.54	60.1	10.7	66.6	12.0
		18	33.9	6.38	40.4	7.42	47.0	8.53	50.3	9.11	53.5	9.70	60.1	10.9	66.6	12.2
		20	33.9	6.47	40.4	7.54	47.0	8.68	50.3	9.27	53.5	9.87	60.1	11.1	66.6	12.4
		21	33.9	6.52	40.4	7.60	47.0	8.75	50.3	9.35	53.5	9.96	60.1	11.2	66.6	12.5
		23	33.9	6.62	40.4	7.72	47.0	8.90	50.3	9.51	53.5	10.1	60.1	11.4	66.6	12.8
		25	33.9	6.72	40.4	7.85	47.0	9.06	50.3	9.71	53.5	10.5	60.1	12.0	66.6	13.7
		27	33.9	6.83	40.4	8.13	47.0	9.56	50.3	10.3	53.5	11.1	60.1	12.8	66.6	14.6
		29	33.9	7.22	40.4	8.62	47.0	10.1	50.3	11.0	53.5	11.8	60.1	13.6	66.6	15.5
		31	33.9	7.63	40.4	9.12	47.0	10.8	50.3	11.6	53.5	12.5	60.1	14.5	66.6	16.5
		33	33.9	8.06	40.4	9.65	47.0	11.4	50.3	12.3	53.5	13.3	60.1	15.4	66.6	17.6
		35	33.9	8.50	40.4	10.2	47.0	12.1	50.3	13.1	53.5	14.1	60.1	16.3	66.6	18.7
		37	33.9	8.97	40.4	10.8	47.0	12.8	50.3	13.8	53.5	14.9	60.1	17.3	66.6	19.8
		39	33.9	9.46	40.4	11.4	47.0	13.5	50.3	14.7	53.5	15.8	60.1	18.4	66.6	21.1

PA-38ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	1,235	10	93.0	16.2	111	19.8	129	23.6	138	24.1	141	23.6	144	22.6	147	21.6
		12	93.0	16.5	111	20.2	129	24.0	137	24.0	139	23.5	142	22.4	145	22.1
		14	93.0	16.8	111	20.6	129	24.3	135	23.8	137	23.3	140	23.1	144	23.3
		16	93.0	17.1	111	21.0	129	24.2	133	24.0	135	24.1	138	24.4	142	24.6
		18	93.0	17.5	111	21.4	129	25.1	132	25.3	133	25.4	137	25.6	140	25.9
		20	93.0	17.8	111	22.8	128	26.4	130	26.5	132	26.6	135	26.9	138	27.1
		21	93.0	18.3	111	23.6	127	27.0	129	27.1	131	27.2	134	27.5	137	27.8
		23	93.0	19.6	111	25.3	125	28.2	127	28.3	129	28.5	132	28.8	134	29.0
		25	93.0	21.0	111	27.1	124	29.4	125	29.6	127	29.7	130	30.0	131	30.1
		27	93.0	22.4	111	29.0	122	30.7	124	30.8	125	31.0	127	31.2	128	31.3
		29	93.0	23.9	111	31.0	120	31.9	122	32.1	123	32.3	124	32.3	124	32.4
		31	93.0	25.5	111	32.8	118	33.2	120	33.4	120	33.4	121	33.4	121	33.5
		33	93.0	27.2	111	34.0	116	34.4	117	34.5	117	34.5	117	34.5	118	34.6
		35	93.0	28.9	111	35.3	113	35.5	114	35.6	114	35.6	114	35.6	114	35.7
		37	93.0	30.8	109	36.5	110	36.6	110	36.6	110	36.7	111	36.7	111	36.7
		39	93.0	32.8	104	37.6	106	37.7	107	37.7	107	37.7	107	37.7	108	37.8
120	1,140	10	85.8	14.8	102	18.1	119	21.5	127	23.2	135	24.2	142	23.3	145	22.4
		12	85.8	15.1	102	18.4	119	21.9	127	23.7	135	24.1	140	23.2	143	22.2
		14	85.8	15.3	102	18.8	119	22.3	127	24.1	135	24.0	138	23.0	141	23.2
		16	85.8	15.6	102	19.1	119	22.8	127	24.3	133	24.0	136	24.2	139	24.4
		18	85.8	15.9	102	19.5	119	23.5	127	25.1	131	25.2	134	25.5	137	25.7
		20	85.8	16.3	102	20.3	119	25.3	127	26.3	129	26.5	132	26.7	136	26.9
		21	85.8	16.4	102	21.0	119	26.2	127	26.9	128	27.1	132	27.3	135	27.6
		23	85.8	17.5	102	22.5	119	28.0	125	28.2	127	28.3	130	28.6	133	28.8
		25	85.8	18.7	102	24.1	119	29.3	123	29.4	125	29.6	128	29.8	131	30.1
		27	85.8	20.0	102	25.7	119	30.5	122	30.6	123	30.8	126	31.1	128	31.3
		29	85.8	21.3	102	27.5	118	31.7	120	31.9	121	32.0	124	32.3	124	32.4
		31	85.8	22.7	102	29.4	116	33.0	118	33.1	119	33.3	121	33.4	121	33.5
		33	85.8	24.2	102	31.3	115	34.2	116	34.4	117	34.5	117	34.5	118	34.6
		35	85.8	25.8	102	33.4	113	35.5	114	35.6	114	35.6	114	35.6	114	35.7
		37	85.8	27.4	102	35.6	110	36.6	110	36.6	110	36.7	111	36.7	111	36.7
		39	85.8	29.2	102	37.6	106	37.7	107	37.7	107	37.7	107	37.7	108	37.8
110	1,045	10	78.7	13.4	93.9	16.4	109	19.4	117	21.0	124	22.6	139	24.0	142	23.2
		12	78.7	13.7	93.9	16.7	109	19.8	117	21.4	124	23.0	137	23.9	140	23.0
		14	78.7	13.9	93.9	17.0	109	20.2	117	21.8	124	23.5	136	23.7	138	23.0
		16	78.7	14.2	93.9	17.3	109	20.6	117	22.2	124	23.9	134	24.1	137	24.2
		18	78.7	14.5	93.9	17.6	109	21.0	117	22.8	124	25.1	132	25.3	135	25.5
		20	78.7	14.7	93.9	18.0	109	22.2	117	24.6	124	26.3	130	26.5	133	26.7
		21	78.7	14.9	93.9	18.5	109	23.0	117	25.4	124	26.9	129	27.1	132	27.4
		23	78.7	15.6	93.9	19.9	109	24.7	117	27.3	124	28.1	127	28.4	130	28.6
		25	78.7	16.6	93.9	21.2	109	26.4	117	29.2	123	29.4	126	29.6	128	29.9
		27	78.7	17.7	93.9	22.7	109	28.3	117	30.5	121	30.6	124	30.9	127	31.1
		29	78.7	18.9	93.9	24.2	109	30.2	117	31.7	119	31.8	122	32.1	124	32.4
		31	78.7	20.1	93.9	25.8	109	32.2	116	32.9	117	33.1	120	33.4	121	33.5
		33	78.7	21.4	93.9	27.5	109	34.0	114	34.2	116	34.3	117	34.5	118	34.6
		35	78.7	22.8	93.9	29.3	109	35.2	112	35.4	114	35.6	114	35.6	114	35.7
		37	78.7	24.3	93.9	31.2	109	36.5	110	36.6	110	36.7	111	36.7	111	36.7
		39	78.7	25.8	93.9	33.3	106	37.7	107	37.7	107	37.7	107	37.7	108	37.8
100	950	10	71.5	12.1	85.3	14.7	99.1	17.4	106	18.8	113	20.2	127	23.1	139	23.9
		12	71.5	12.3	85.3	15.0	99.1	17.7	106	19.2	113	20.6	127	23.6	138	23.8
		14	71.5	12.6	85.3	15.2	99.1	18.1	106	19.5	113	21.0	127	24.0	136	23.7
		16	71.5	12.8	85.3	15.5	99.1	18.4	106	19.9	113	21.4	127	24.3	134	24.1
		18	71.5	13.0	85.3	15.8	99.1	18.8	106	20.3	113	21.8	127	25.1	132	25.3
		20	71.5	13.3	85.3	16.1	99.1	19.4	106	21.3	113	23.4	127	26.3	130	26.5
		21	71.5	13.4	85.3	16.3	99.1	20.0	106	22.1	113	24.2	127	26.9	129	27.1
		23	71.5	13.7	85.3	17.4	99.1	21.5	106	23.7	113	26.0	125	28.2	128	28.4
		25	71.5	14.7	85.3	18.6	99.1	23.0	106	25.3	113	27.8	123	29.4	126	29.6
		27	71.5	15.6	85.3	19.8	99.1	24.5	106	27.1	113	29.8	121	30.6	124	30.9
		29	71.5	16.6	85.3	21.2	99.1	26.2	106	29.0	113	31.6	120	31.9	122	32.1
		31	71.5	17.7	85.3	22.5	99.1	28.0	106	30.9	113	32.8	118	33.1	120	33.4
		33	71.5	18.8	85.3	24.0	99.1	29.8	106	33.0	113	34.1	116	34.4	118	34.6
		35	71.5	20.0	85.3	25.6	99.1	31.8	106	35.2	112	35.3	114	35.6	114	35.7
		37	71.5	21.3	85.3	27.2	99.1	33.9	106	36.4	110	36.6	111	36.7	111	36.7
		39	71.5	22.6	85.3	28.9	99.1	36.1	106	37.7	107	37.7	107	37.7	108	37.8

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	855	10	64.4	10.8	76.8	13.1	89.2	15.4	95.4	16.7	102	17.9	114	20.5	126	23.1
		12	64.4	11.0	76.8	13.3	89.2	15.7	95.4	17.0	102	18.3	114	20.9	126	23.5
		14	64.4	11.2	76.8	13.6	89.2	16.0	95.4	17.3	102	18.6	114	21.3	126	24.0
		16	64.4	11.4	76.8	13.8	89.2	16.3	95.4	17.6	102	19.0	114	21.7	126	24.3
		18	64.4	11.6	76.8	14.1	89.2	16.6	95.4	18.0	102	19.3	114	22.1	126	25.1
		20	64.4	11.8	76.8	14.3	89.2	17.0	95.4	18.3	102	20.1	114	23.7	126	26.3
		21	64.4	11.9	76.8	14.5	89.2	17.3	95.4	19.0	102	20.8	114	24.6	126	26.9
		23	64.4	12.2	76.8	15.1	89.2	18.5	95.4	20.3	102	22.3	114	26.4	125	28.2
		25	64.4	12.8	76.8	16.1	89.2	19.8	95.4	21.7	102	23.8	114	28.3	123	29.4
		27	64.4	13.7	76.8	17.2	89.2	21.1	95.4	23.2	102	25.5	114	30.2	121	30.6
		29	64.4	14.5	76.8	18.3	89.2	22.5	95.4	24.8	102	27.2	114	31.6	120	31.9
		31	64.4	15.4	76.8	19.5	89.2	24.0	95.4	26.5	102	29.0	114	32.9	118	33.1
		33	64.4	16.4	76.8	20.7	89.2	25.6	95.4	28.2	102	30.9	114	34.1	116	34.4
		35	64.4	17.4	76.8	22.0	89.2	27.2	95.4	30.0	102	33.0	112	35.4	114	35.6
		37	64.4	18.5	76.8	23.4	89.2	29.0	95.4	32.0	102	35.2	110	36.6	111	36.7
		39	64.4	19.6	76.8	24.9	89.2	30.9	95.4	34.1	102	37.5	107	37.7	108	37.8
80	760	10	57.2	9.63	68.3	11.5	79.3	13.5	84.8	14.6	90.3	15.7	101	17.9	112	20.1
		12	57.2	9.78	68.3	11.7	79.3	13.8	84.8	14.9	90.3	16.0	101	18.2	112	20.5
		14	57.2	9.95	68.3	11.9	79.3	14.0	84.8	15.1	90.3	16.3	101	18.5	112	20.9
		16	57.2	10.1	68.3	12.1	79.3	14.3	84.8	15.4	90.3	16.6	101	18.9	112	21.3
		18	57.2	10.3	68.3	12.4	79.3	14.6	84.8	15.7	90.3	16.9	101	19.3	112	21.7
		20	57.2	10.5	68.3	12.6	79.3	14.9	84.8	16.0	90.3	17.2	101	20.0	112	23.2
		21	57.2	10.6	68.3	12.7	79.3	15.0	84.8	16.2	90.3	17.6	101	20.7	112	24.1
		23	57.2	10.8	68.3	13.0	79.3	15.7	84.8	17.2	90.3	18.8	101	22.2	112	25.8
		25	57.2	11.1	68.3	13.8	79.3	16.8	84.8	18.4	90.3	20.1	101	23.7	112	27.6
		27	57.2	11.8	68.3	14.7	79.3	17.9	84.8	19.7	90.3	21.5	101	25.4	112	29.6
		29	57.2	12.6	68.3	15.7	79.3	19.1	84.8	21.0	90.3	22.9	101	27.1	112	31.6
		31	57.2	13.3	68.3	16.7	79.3	20.4	84.8	22.3	90.3	24.4	101	28.9	112	32.8
		33	57.2	14.2	68.3	17.7	79.3	21.7	84.8	23.8	90.3	26.0	101	30.8	112	34.1
		35	57.2	15.0	68.3	18.8	79.3	23.0	84.8	25.3	90.3	27.7	101	32.9	112	35.3
		37	57.2	15.9	68.3	20.0	79.3	24.5	84.8	27.0	90.3	29.5	101	35.0	110	36.6
		39	57.2	16.9	68.3	21.2	79.3	26.1	84.8	28.7	90.3	31.4	101	37.3	108	37.8
70	665	10	50.1	8.47	59.7	10.0	69.4	11.7	74.2	12.6	79.0	13.5	88.7	15.3	98.3	17.3
		12	50.1	8.60	59.7	10.2	69.4	11.9	74.2	12.8	79.0	13.7	88.7	15.6	98.3	17.6
		14	50.1	8.73	59.7	10.4	69.4	12.1	74.2	13.1	79.0	14.0	88.7	15.9	98.3	17.9
		16	50.1	8.87	59.7	10.6	69.4	12.4	74.2	13.3	79.0	14.3	88.7	16.2	98.3	18.3
		18	50.1	9.02	59.7	10.7	69.4	12.6	74.2	13.5	79.0	14.5	88.7	16.5	98.3	18.6
		20	50.1	9.17	59.7	10.9	69.4	12.8	74.2	13.8	79.0	14.8	88.7	16.9	98.3	19.1
		21	50.1	9.25	59.7	11.0	69.4	12.9	74.2	13.9	79.0	15.0	88.7	17.1	98.3	19.8
		23	50.1	9.41	59.7	11.2	69.4	13.2	74.2	14.4	79.0	15.7	88.7	18.3	98.3	21.2
		25	50.1	9.58	59.7	11.7	69.4	14.1	74.2	15.4	79.0	16.7	88.7	19.6	98.3	22.7
		27	50.1	10.1	59.7	12.4	69.4	15.0	74.2	16.4	79.0	17.8	88.7	20.9	98.3	24.3
		29	50.1	10.7	59.7	13.2	69.4	16.0	74.2	17.5	79.0	19.0	88.7	22.3	98.3	25.9
		31	50.1	11.4	59.7	14.1	69.4	17.0	74.2	18.6	79.0	20.3	88.7	23.8	98.3	27.6
		33	50.1	12.1	59.7	14.9	69.4	18.1	74.2	19.8	79.0	21.6	88.7	25.4	98.3	29.5
		35	50.1	12.8	59.7	15.8	69.4	19.2	74.2	21.0	79.0	22.9	88.7	27.0	98.3	31.4
		37	50.1	13.5	59.7	16.8	69.4	20.4	74.2	22.4	79.0	24.4	88.7	28.7	98.3	33.5
		39	50.1	14.3	59.7	17.8	69.4	21.7	74.2	23.7	79.0	25.9	88.7	30.6	98.3	35.7
60	570	10	42.9	7.37	51.2	8.64	59.5	10.0	63.6	10.7	67.7	11.4	76.0	12.9	84.3	14.5
		12	42.9	7.47	51.2	8.78	59.5	10.2	63.6	10.9	67.7	11.6	76.0	13.2	84.3	14.8
		14	42.9	7.58	51.2	8.92	59.5	10.3	63.6	11.1	67.7	11.8	76.0	13.4	84.3	15.0
		16	42.9	7.69	51.2	9.06	59.5	10.5	63.6	11.3	67.7	12.0	76.0	13.7	84.3	15.3
		18	42.9	7.81	51.2	9.21	59.5	10.7	63.6	11.5	67.7	12.3	76.0	13.9	84.3	15.6
		20	42.9	7.93	51.2	9.37	59.5	10.9	63.6	11.7	67.7	12.5	76.0	14.2	84.3	15.9
		21	42.9	8.00	51.2	9.45	59.5	11.0	63.6	11.8	67.7	12.6	76.0	14.3	84.3	16.1
		23	42.9	8.13	51.2	9.61	59.5	11.2	63.6	12.0	67.7	12.9	76.0	14.9	84.3	17.1
		25	42.9	8.26	51.2	9.79	59.5	11.6	63.6	12.6	67.7	13.7	76.0	15.9	84.3	18.3
		27	42.9	8.56	51.2	10.4	59.5	12.4	63.6	13.4	67.7	14.6	76.0	16.9	84.3	19.5
		29	42.9	9.07	51.2	11.0	59.5	13.2	63.6	14.3	67.7	15.5	76.0	18.0	84.3	20.8
		31	42.9	9.61	51.2	11.7	59.5	14.0	63.6	15.2	67.7	16.5	76.0	19.2	84.3	22.2
		33	42.9	10.2	51.2	12.4	59.5	14.8	63.6	16.2	67.7	17.5	76.0	20.4	84.3	23.6
		35	42.9	10.7	51.2	13.1	59.5	15.7	63.6	17.1	67.7	18.6	76.0	21.7	84.3	25.1
		37	42.9	11.4	51.2	13.9	59.5	16.7	63.6	18.2	67.7	19.8	76.0	23.1	84.3	26.7
		39	42.9	12.0	51.2	14.7	59.5	17.7	63.6	19.3	67.7	21.0	76.0	24.6	84.3	28.4

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	475	10	35.8	6.33	42.7	7.33	49.6	8.38	53.0	8.93	56.4	9.50	63.3	10.7	70.2	11.9
		12	35.8	6.41	42.7	7.43	49.6	8.51	53.0	9.07	56.4	9.65	63.3	10.8	70.2	12.1
		14	35.8	6.50	42.7	7.54	49.6	8.64	53.0	9.22	56.4	9.81	63.3	11.0	70.2	12.3
		16	35.8	6.59	42.7	7.65	49.6	8.78	53.0	9.37	56.4	9.98	63.3	11.2	70.2	12.5
		18	35.8	6.68	42.7	7.77	49.6	8.93	53.0	9.53	56.4	10.1	63.3	11.4	70.2	12.8
		20	35.8	6.77	42.7	7.89	49.6	9.08	53.0	9.69	56.4	10.3	63.3	11.6	70.2	13.0
		21	35.8	6.82	42.7	7.95	49.6	9.15	53.0	9.78	56.4	10.4	63.3	11.7	70.2	13.1
		23	35.8	6.92	42.7	8.08	49.6	9.31	53.0	9.95	56.4	10.6	63.3	12.0	70.2	13.4
		25	35.8	7.03	42.7	8.22	49.6	9.48	53.0	10.2	56.4	10.9	63.3	12.6	70.2	14.3
		27	35.8	7.14	42.7	8.51	49.6	10.0	53.0	10.8	56.4	11.6	63.3	13.4	70.2	15.3
		29	35.8	7.55	42.7	9.02	49.6	10.6	53.0	11.5	56.4	12.4	63.3	14.2	70.2	16.2
		31	35.8	7.98	42.7	9.54	49.6	11.3	53.0	12.2	56.4	13.1	63.3	15.1	70.2	17.3
		33	35.8	8.43	42.7	10.1	49.6	11.9	53.0	12.9	56.4	13.9	63.3	16.1	70.2	18.4
		35	35.8	8.90	42.7	10.7	49.6	12.6	53.0	13.7	56.4	14.8	63.3	17.1	70.2	19.5
		37	35.8	9.38	42.7	11.3	49.6	13.4	53.0	14.5	56.4	15.6	63.3	18.1	70.2	20.7
		39	35.8	9.89	42.7	11.9	49.6	14.1	53.0	15.3	56.4	16.6	63.3	19.2	70.2	22.0

PA-40ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	1,300	10	98.7	17.9	118	21.9	137	26.1	146	26.6	149	26.1	153	25.0	156	23.9
		12	98.7	18.2	118	22.3	137	26.6	145	26.5	147	25.9	151	24.8	154	24.4
		14	98.7	18.6	118	22.8	137	26.9	144	26.3	145	25.8	149	25.6	152	25.8
		16	98.7	18.9	118	23.2	137	26.8	142	26.6	143	26.7	147	27.0	151	27.2
		18	98.7	19.3	118	23.7	137	27.8	140	27.9	142	28.1	145	28.3	149	28.6
		20	98.7	19.7	118	25.2	136	29.1	138	29.3	140	29.4	143	29.7	147	30.0
		21	98.7	20.2	118	26.1	135	29.8	137	30.0	139	30.1	142	30.4	146	30.7
		23	98.7	21.7	118	28.0	133	31.2	135	31.3	137	31.5	140	31.8	143	32.0
		25	98.7	23.2	118	30.0	131	32.5	133	32.7	135	32.9	138	33.2	139	33.3
		27	98.7	24.8	118	32.1	129	33.9	131	34.1	133	34.3	135	34.5	136	34.5
		29	98.7	26.4	118	34.3	127	35.3	129	35.5	131	35.7	132	35.7	132	35.8
		31	98.7	28.2	118	36.3	125	36.7	127	36.9	128	36.9	128	37.0	129	37.0
		33	98.7	30.0	118	37.6	124	38.1	124	38.1	124	38.1	125	38.2	125	38.2
		35	98.7	32.0	118	39.0	120	39.3	121	39.3	121	39.3	121	39.4	121	39.4
		37	98.7	34.1	116	40.4	117	40.5	117	40.5	117	40.5	118	40.6	118	40.6
		39	98.7	36.3	111	41.6	113	41.6	113	41.7	114	41.7	114	41.7	114	41.8
120	1,200	10	91.1	16.4	109	20.0	126	23.8	135	25.7	144	26.8	150	25.8	154	24.7
		12	91.1	16.7	109	20.4	126	24.2	135	26.2	144	26.6	148	25.6	152	24.6
		14	91.1	17.0	109	20.7	126	24.7	135	26.7	143	26.5	146	25.4	150	25.6
		16	91.1	17.3	109	21.1	126	25.2	135	26.9	141	26.5	144	26.8	148	27.0
		18	91.1	17.6	109	21.6	126	26.0	135	27.8	139	27.9	143	28.1	146	28.4
		20	91.1	18.0	109	22.4	126	28.0	135	29.1	137	29.2	141	29.5	144	29.8
		21	91.1	18.1	109	23.2	126	29.0	135	29.8	136	29.9	140	30.2	143	30.5
		23	91.1	19.4	109	24.9	126	31.0	133	31.1	134	31.3	138	31.6	141	31.9
		25	91.1	20.7	109	26.6	126	32.4	131	32.5	133	32.7	136	33.0	139	33.3
		27	91.1	22.1	109	28.5	126	33.7	129	33.9	131	34.0	134	34.4	136	34.5
		29	91.1	23.6	109	30.4	125	35.1	127	35.3	129	35.4	132	35.7	132	35.8
		31	91.1	25.1	109	32.4	123	36.4	125	36.6	127	36.8	128	37.0	129	37.0
		33	91.1	26.8	109	34.6	122	37.8	123	38.0	124	38.1	125	38.2	125	38.2
		35	91.1	28.5	109	36.9	120	39.2	121	39.3	121	39.3	121	39.4	121	39.4
		37	91.1	30.3	109	39.3	117	40.5	117	40.5	117	40.5	118	40.6	118	40.6
		39	91.1	32.3	109	41.5	113	41.6	113	41.7	114	41.7	114	41.7	114	41.8
110	1,100	10	83.5	14.9	99.6	18.1	116	21.5	124	23.2	132	25.0	148	26.5	151	25.6
		12	83.5	15.1	99.6	18.4	116	21.9	124	23.7	132	25.5	146	26.4	149	25.4
		14	83.5	15.4	99.6	18.8	116	22.3	124	24.1	132	25.9	144	26.2	147	25.4
		16	83.5	15.7	99.6	19.1	116	22.7	124	24.6	132	26.4	142	26.6	145	26.8
		18	83.5	16.0	99.6	19.5	116	23.2	124	25.3	132	27.7	140	27.9	143	28.2
		20	83.5	16.3	99.6	19.9	116	24.6	124	27.1	132	29.1	138	29.3	141	29.6
		21	83.5	16.5	99.6	20.5	116	25.4	124	28.1	132	29.7	137	30.0	140	30.2
		23	83.5	17.2	99.6	22.0	116	27.3	124	30.2	132	31.1	135	31.4	138	31.6
		25	83.5	18.4	99.6	23.5	116	29.2	124	32.3	130	32.5	133	32.7	136	33.0
		27	83.5	19.6	99.6	25.1	116	31.2	124	33.7	128	33.8	131	34.1	134	34.4
		29	83.5	20.9	99.6	26.8	116	33.4	124	35.0	126	35.2	129	35.5	132	35.8
		31	83.5	22.3	99.6	28.6	116	35.6	123	36.4	125	36.6	128	36.9	129	37.0
		33	83.5	23.7	99.6	30.4	116	37.6	121	37.8	123	37.9	125	38.2	125	38.2
		35	83.5	25.2	99.6	32.4	116	39.0	119	39.1	121	39.3	121	39.4	121	39.4
		37	83.5	26.8	99.6	34.5	116	40.3	117	40.5	117	40.5	118	40.6	118	40.6
		39	83.5	28.5	99.6	36.8	113	41.6	113	41.7	114	41.7	114	41.7	114	41.8
100	1,000	10	75.9	13.4	90.6	16.2	105	19.2	113	20.8	120	22.4	134	25.6	148	26.5
		12	75.9	13.6	90.6	16.5	105	19.6	113	21.2	120	22.8	134	26.0	146	26.3
		14	75.9	13.9	90.6	16.8	105	20.0	113	21.6	120	23.2	134	26.5	144	26.2
		16	75.9	14.1	90.6	17.2	105	20.4	113	22.0	120	23.7	134	26.9	142	26.6
		18	75.9	14.4	90.6	17.5	105	20.8	113	22.4	120	24.1	134	27.8	140	28.0
		20	75.9	14.7	90.6	17.8	105	21.4	113	23.6	120	25.9	134	29.1	138	29.3
		21	75.9	14.8	90.6	18.0	105	22.2	113	24.4	120	26.8	134	29.8	137	30.0
		23	75.9	15.2	90.6	19.2	105	23.7	113	26.2	120	28.7	133	31.1	135	31.4
		25	75.9	16.2	90.6	20.5	105	25.4	113	28.0	120	30.8	131	32.5	134	32.8
		27	75.9	17.3	90.6	21.9	105	27.1	113	30.0	120	32.9	129	33.9	132	34.1
		29	75.9	18.4	90.6	23.4	105	29.0	113	32.0	120	35.0	127	35.2	130	35.5
		31	75.9	19.6	90.6	24.9	105	30.9	113	34.2	120	36.3	125	36.6	128	36.9
		33	75.9	20.8	90.6	26.5	105	33.0	113	36.5	120	37.7	123	38.0	125	38.2
		35	75.9	22.1	90.6	28.3	105	35.1	113	38.9	118	39.1	121	39.4	121	39.4
		37	75.9	23.5	90.6	30.1	105	37.4	113	40.2	117	40.4	118	40.6	118	40.6
		39	75.9	25.0	90.6	32.0	105	39.9	113	41.6	114	41.7	114	41.7	114	41.8

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	900	10	68.3	12.0	81.5	14.5	94.7	17.1	101	18.4	108	19.8	121	22.6	134	25.5
		12	68.3	12.2	81.5	14.7	94.7	17.4	101	18.8	108	20.2	121	23.0	134	26.0
		14	68.3	12.4	81.5	15.0	94.7	17.7	101	19.1	108	20.6	121	23.5	134	26.5
		16	68.3	12.6	81.5	15.3	94.7	18.1	101	19.5	108	21.0	121	24.0	134	26.9
		18	68.3	12.9	81.5	15.6	94.7	18.4	101	19.9	108	21.4	121	24.4	134	27.8
		20	68.3	13.1	81.5	15.9	94.7	18.8	101	20.3	108	22.2	121	26.3	134	29.1
		21	68.3	13.2	81.5	16.0	94.7	19.1	101	21.0	108	23.0	121	27.2	134	29.8
		23	68.3	13.5	81.5	16.7	94.7	20.4	101	22.5	108	24.6	121	29.2	133	31.1
		25	68.3	14.2	81.5	17.8	94.7	21.8	101	24.0	108	26.3	121	31.2	131	32.5
		27	68.3	15.1	81.5	19.0	94.7	23.3	101	25.7	108	28.1	121	33.4	129	33.9
		29	68.3	16.1	81.5	20.2	94.7	24.9	101	27.4	108	30.1	121	35.0	127	35.2
		31	68.3	17.1	81.5	21.5	94.7	26.5	101	29.2	108	32.1	121	36.3	125	36.6
		33	68.3	18.1	81.5	22.9	94.7	28.3	101	31.2	108	34.2	121	37.7	123	38.0
		35	68.3	19.3	81.5	24.4	94.7	30.1	101	33.2	108	36.5	119	39.1	121	39.4
		37	68.3	20.4	81.5	25.9	94.7	32.1	101	35.4	108	38.9	117	40.5	118	40.6
		39	68.3	21.7	81.5	27.5	94.7	34.1	101	37.7	108	41.4	114	41.7	114	41.8
80	800	10	60.7	10.6	72.4	12.7	84.1	15.0	90.0	16.1	95.9	17.3	108	19.7	119	22.2
		12	60.7	10.8	72.4	13.0	84.1	15.2	90.0	16.4	95.9	17.6	108	20.1	119	22.7
		14	60.7	11.0	72.4	13.2	84.1	15.5	90.0	16.7	95.9	18.0	108	20.5	119	23.1
		16	60.7	11.2	72.4	13.4	84.1	15.8	90.0	17.1	95.9	18.3	108	20.9	119	23.6
		18	60.7	11.4	72.4	13.7	84.1	16.1	90.0	17.4	95.9	18.7	108	21.3	119	24.0
		20	60.7	11.6	72.4	13.9	84.1	16.4	90.0	17.7	95.9	19.0	108	22.1	119	25.7
		21	60.7	11.7	72.4	14.1	84.1	16.6	90.0	17.9	95.9	19.4	108	22.9	119	26.6
		23	60.7	11.9	72.4	14.3	84.1	17.4	90.0	19.1	95.9	20.8	108	24.5	119	28.5
		25	60.7	12.3	72.4	15.3	84.1	18.6	90.0	20.4	95.9	22.2	108	26.2	119	30.6
		27	60.7	13.1	72.4	16.3	84.1	19.8	90.0	21.7	95.9	23.7	108	28.0	119	32.7
		29	60.7	13.9	72.4	17.3	84.1	21.1	90.0	23.2	95.9	25.3	108	29.9	119	34.9
		31	60.7	14.7	72.4	18.4	84.1	22.5	90.0	24.7	95.9	27.0	108	32.0	119	36.3
		33	60.7	15.6	72.4	19.6	84.1	23.9	90.0	26.3	95.9	28.8	108	34.1	119	37.7
		35	60.7	16.6	72.4	20.8	84.1	25.5	90.0	28.0	95.9	30.7	108	36.3	118	39.0
		37	60.7	17.6	72.4	22.1	84.1	27.1	90.0	29.8	95.9	32.6	108	38.7	116	40.4
		39	60.7	18.6	72.4	23.4	84.1	28.8	90.0	31.7	95.9	34.7	108	41.3	114	41.8
70	700	10	53.1	9.36	63.4	11.1	73.6	13.0	78.8	13.9	83.9	14.9	94.1	17.0	104	19.1
		12	53.1	9.50	63.4	11.3	73.6	13.2	78.8	14.2	83.9	15.2	94.1	17.3	104	19.4
		14	53.1	9.65	63.4	11.5	73.6	13.4	78.8	14.4	83.9	15.5	94.1	17.6	104	19.8
		16	53.1	9.81	63.4	11.7	73.6	13.7	78.8	14.7	83.9	15.8	94.1	17.9	104	20.2
		18	53.1	10.0	63.4	11.9	73.6	13.9	78.8	15.0	83.9	16.1	94.1	18.3	104	20.6
		20	53.1	10.1	63.4	12.1	73.6	14.2	78.8	15.3	83.9	16.4	94.1	18.6	104	21.2
		21	53.1	10.2	63.4	12.2	73.6	14.3	78.8	15.4	83.9	16.5	94.1	18.9	104	21.9
		23	53.1	10.4	63.4	12.4	73.6	14.6	78.8	15.9	83.9	17.3	94.1	20.3	104	23.5
		25	53.1	10.6	63.4	12.9	73.6	15.6	78.8	17.0	83.9	18.5	94.1	21.7	104	25.1
		27	53.1	11.2	63.4	13.8	73.6	16.6	78.8	18.1	83.9	19.7	94.1	23.1	104	26.8
		29	53.1	11.9	63.4	14.6	73.6	17.7	78.8	19.3	83.9	21.0	94.1	24.7	104	28.6
		31	53.1	12.6	63.4	15.5	73.6	18.8	78.8	20.6	83.9	22.4	94.1	26.3	104	30.6
		33	53.1	13.3	63.4	16.5	73.6	20.0	78.8	21.9	83.9	23.8	94.1	28.0	104	32.6
		35	53.1	14.1	63.4	17.5	73.6	21.2	78.8	23.3	83.9	25.4	94.1	29.9	104	34.7
		37	53.1	15.0	63.4	18.6	73.6	22.6	78.8	24.7	83.9	27.0	94.1	31.8	104	37.0
		39	53.1	15.8	63.4	19.7	73.6	24.0	78.8	26.3	83.9	28.7	94.1	33.8	104	39.4
60	600	10	45.6	8.14	54.3	9.56	63.1	11.1	67.5	11.8	71.9	12.6	80.7	14.3	89.4	16.0
		12	45.6	8.26	54.3	9.70	63.1	11.2	67.5	12.0	71.9	12.9	80.7	14.6	89.4	16.3
		14	45.6	8.38	54.3	9.86	63.1	11.4	67.5	12.2	71.9	13.1	80.7	14.8	89.4	16.6
		16	45.6	8.50	54.3	10.0	63.1	11.6	67.5	12.5	71.9	13.3	80.7	15.1	89.4	16.9
		18	45.6	8.63	54.3	10.2	63.1	11.8	67.5	12.7	71.9	13.6	80.7	15.4	89.4	17.3
		20	45.6	8.77	54.3	10.4	63.1	12.0	67.5	12.9	71.9	13.8	80.7	15.7	89.4	17.6
		21	45.6	8.84	54.3	10.4	63.1	12.2	67.5	13.0	71.9	13.9	80.7	15.8	89.4	17.8
		23	45.6	8.98	54.3	10.6	63.1	12.4	67.5	13.3	71.9	14.2	80.7	16.4	89.4	18.9
		25	45.6	9.13	54.3	10.8	63.1	12.9	67.5	14.0	71.9	15.1	80.7	17.6	89.4	20.2
		27	45.6	9.47	54.3	11.5	63.1	13.7	67.5	14.9	71.9	16.1	80.7	18.7	89.4	21.6
		29	45.6	10.0	54.3	12.2	63.1	14.5	67.5	15.8	71.9	17.1	80.7	19.9	89.4	23.0
		31	45.6	10.6	54.3	12.9	63.1	15.5	67.5	16.8	71.9	18.2	80.7	21.2	89.4	24.5
		33	45.6	11.2	54.3	13.7	63.1	16.4	67.5	17.9	71.9	19.4	80.7	22.6	89.4	26.1
		35	45.6	11.9	54.3	14.5	63.1	17.4	67.5	19.0	71.9	20.6	80.7	24.0	89.4	27.8
		37	45.6	12.6	54.3	15.4	63.1	18.5	67.5	20.1	71.9	21.8	80.7	25.5	89.4	29.5
		39	45.6	13.3	54.3	16.3	63.1	19.6	67.5	21.3	71.9	23.2	80.7	27.1	89.4	31.4

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	500	10	38.0	7.00	45.3	8.10	52.6	9.27	56.3	9.88	59.9	10.5	67.2	11.8	74.5	13.1
		12	38.0	7.09	45.3	8.21	52.6	9.41	56.3	10.0	59.9	10.7	67.2	12.0	74.5	13.4
		14	38.0	7.18	45.3	8.33	52.6	9.56	56.3	10.2	59.9	10.8	67.2	12.2	74.5	13.6
		16	38.0	7.28	45.3	8.46	52.6	9.71	56.3	10.4	59.9	11.0	67.2	12.4	74.5	13.8
		18	38.0	7.38	45.3	8.59	52.6	9.87	56.3	10.5	59.9	11.2	67.2	12.6	74.5	14.1
		20	38.0	7.49	45.3	8.72	52.6	10.0	56.3	10.7	59.9	11.4	67.2	12.9	74.5	14.4
		21	38.0	7.54	45.3	8.79	52.6	10.1	56.3	10.8	59.9	11.5	67.2	13.0	74.5	14.5
		23	38.0	7.65	45.3	8.93	52.6	10.3	56.3	11.0	59.9	11.7	67.2	13.2	74.5	14.8
		25	38.0	7.77	45.3	9.08	52.6	10.5	56.3	11.2	59.9	12.1	67.2	13.9	74.5	15.8
		27	38.0	7.90	45.3	9.41	52.6	11.1	56.3	11.9	59.9	12.9	67.2	14.8	74.5	16.9
		29	38.0	8.35	45.3	9.97	52.6	11.7	56.3	12.7	59.9	13.7	67.2	15.7	74.5	18.0
		31	38.0	8.83	45.3	10.6	52.6	12.4	56.3	13.4	59.9	14.5	67.2	16.7	74.5	19.1
		33	38.0	9.32	45.3	11.2	52.6	13.2	56.3	14.3	59.9	15.4	67.2	17.8	74.5	20.3
		35	38.0	9.83	45.3	11.8	52.6	14.0	56.3	15.1	59.9	16.3	67.2	18.9	74.5	21.6
		37	38.0	10.4	45.3	12.5	52.6	14.8	56.3	16.0	59.9	17.3	67.2	20.0	74.5	22.9
		39	38.0	10.9	45.3	13.2	52.6	15.6	56.3	16.9	59.9	18.3	67.2	21.2	74.5	24.4

PA-42ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	1,365	10	103	18.5	122	22.7	142	27.0	152	27.5	155	27.0	159	25.8	163	24.7
		12	103	18.9	122	23.1	142	27.5	151	27.4	153	26.8	157	25.7	161	25.3
		14	103	19.2	122	23.6	142	27.8	149	27.3	151	26.7	155	26.5	159	26.7
		16	103	19.6	122	24.0	142	27.7	147	27.5	149	27.6	153	27.9	157	28.2
		18	103	20.0	122	24.5	142	28.8	145	28.9	147	29.0	151	29.3	155	29.6
		20	103	20.4	122	26.1	141	30.2	143	30.3	145	30.5	149	30.8	153	31.1
		21	103	21.0	122	27.0	140	30.9	142	31.0	144	31.2	148	31.5	151	31.7
		23	103	22.4	122	29.0	138	32.3	140	32.4	142	32.6	146	32.9	147	33.1
		25	103	24.0	122	31.0	136	33.7	138	33.9	140	34.0	143	34.3	144	34.4
		27	103	25.6	122	33.2	134	35.1	136	35.3	138	35.5	140	35.6	140	35.6
		29	103	27.3	122	35.5	132	36.5	134	36.7	136	36.8	136	36.9	136	36.9
		31	103	29.2	122	37.5	130	38.0	132	38.1	132	38.1	132	38.1	133	38.2
		33	103	31.1	122	38.9	128	39.3	128	39.3	128	39.3	129	39.4	129	39.4
		35	103	33.1	122	40.4	124	40.5	124	40.6	124	40.6	125	40.6	125	40.7
		37	103	35.3	118	41.7	120	41.7	121	41.8	121	41.8	121	41.8	122	41.9
		39	103	37.5	109	41.3	111	42.4	112	43.0	113	43.0	115	43.0	117	43.1
120	1,260	10	94.8	16.9	113	20.7	131	24.6	140	26.6	150	27.7	156	26.7	160	25.6
		12	94.8	17.2	113	21.1	131	25.1	140	27.1	150	27.6	154	26.5	158	25.4
		14	94.8	17.6	113	21.5	131	25.5	140	27.6	149	27.4	152	26.3	156	26.5
		16	94.8	17.9	113	21.9	131	26.0	140	27.8	147	27.5	150	27.7	154	28.0
		18	94.8	18.2	113	22.3	131	26.9	140	28.7	145	28.9	148	29.1	152	29.4
		20	94.8	18.6	113	23.2	131	28.9	140	30.1	143	30.3	146	30.5	150	30.8
		21	94.8	18.8	113	24.0	131	30.0	140	30.8	142	31.0	145	31.3	149	31.5
		23	94.8	20.1	113	25.7	131	32.1	138	32.2	140	32.4	143	32.7	147	33.0
		25	94.8	21.4	113	27.6	131	33.5	136	33.6	138	33.8	141	34.1	144	34.4
		27	94.8	22.9	113	29.5	131	34.9	134	35.1	136	35.2	139	35.6	140	35.6
		29	94.8	24.4	113	31.5	130	36.3	132	36.5	134	36.7	136	36.9	136	36.9
		31	94.8	26.0	113	33.6	128	37.7	130	37.9	132	38.1	132	38.1	133	38.2
		33	94.8	27.7	113	35.8	126	39.1	128	39.3	128	39.3	129	39.4	129	39.4
		35	94.8	29.5	113	38.2	124	40.5	124	40.6	124	40.6	125	40.6	125	40.7
		37	94.8	31.4	113	40.7	120	41.7	121	41.8	121	41.8	121	41.8	122	41.9
		39	94.8	33.4	109	41.3	111	42.4	112	43.0	113	43.0	115	43.0	117	43.1
110	1,155	10	86.9	15.4	104	18.7	120	22.2	129	24.0	137	25.9	154	27.4	157	26.5
		12	86.9	15.6	104	19.1	120	22.7	129	24.5	137	26.3	152	27.3	155	26.3
		14	86.9	15.9	104	19.4	120	23.1	129	25.0	137	26.8	150	27.2	153	26.3
		16	86.9	16.2	104	19.8	120	23.5	129	25.4	137	27.4	148	27.5	151	27.7
		18	86.9	16.5	104	20.2	120	24.0	129	26.1	137	28.7	146	28.9	149	29.2
		20	86.9	16.9	104	20.6	120	25.4	129	28.1	137	30.1	144	30.3	147	30.6
		21	86.9	17.0	104	21.2	120	26.3	129	29.1	137	30.8	143	31.0	146	31.3
		23	86.9	17.8	104	22.7	120	28.2	129	31.2	137	32.2	141	32.5	144	32.7
		25	86.9	19.0	104	24.3	120	30.2	129	33.4	136	33.6	139	33.9	142	34.2
		27	86.9	20.3	104	26.0	120	32.3	129	34.8	134	35.0	137	35.3	140	35.6
		29	86.9	21.6	104	27.7	120	34.5	129	36.3	132	36.4	135	36.8	136	36.9
		31	86.9	23.0	104	29.6	120	36.9	128	37.7	130	37.8	132	38.1	133	38.2
		33	86.9	24.5	104	31.5	120	38.9	126	39.1	128	39.3	129	39.4	129	39.4
		35	86.9	26.1	104	33.6	120	40.3	124	40.5	124	40.6	125	40.6	125	40.7
		37	86.9	27.7	104	35.7	120	41.7	121	41.8	121	41.8	121	41.8	122	41.9
		39	86.9	29.5	104	38.1	111	42.4	112	43.0	113	43.0	115	43.0	117	43.1
100	1,050	10	79.0	13.9	94.2	16.8	109	19.9	117	21.5	125	23.1	140	26.5	154	27.4
		12	79.0	14.1	94.2	17.1	109	20.3	117	21.9	125	23.6	140	27.0	152	27.2
		14	79.0	14.4	94.2	17.4	109	20.7	117	22.3	125	24.0	140	27.5	150	27.1
		16	79.0	14.6	94.2	17.8	109	21.1	117	22.8	125	24.5	140	27.8	148	27.5
		18	79.0	14.9	94.2	18.1	109	21.5	117	23.2	125	25.0	140	28.7	146	28.9
		20	79.0	15.2	94.2	18.5	109	22.1	117	24.4	125	26.8	140	30.1	144	30.4
		21	79.0	15.3	94.2	18.7	109	22.9	117	25.3	125	27.7	140	30.8	143	31.1
		23	79.0	15.7	94.2	19.9	109	24.6	117	27.1	125	29.7	138	32.2	141	32.5
		25	79.0	16.8	94.2	21.3	109	26.3	117	29.0	125	31.8	136	33.6	139	33.9
		27	79.0	17.9	94.2	22.7	109	28.1	117	31.0	125	34.1	134	35.1	137	35.3
		29	79.0	19.0	94.2	24.2	109	30.0	117	33.1	125	36.2	132	36.5	135	36.8
		31	79.0	20.3	94.2	25.8	109	32.0	117	35.4	125	37.6	130	37.9	133	38.2
		33	79.0	21.6	94.2	27.5	109	34.1	117	37.7	125	39.0	128	39.3	129	39.4
		35	79.0	22.9	94.2	29.2	109	36.4	117	40.2	123	40.4	125	40.6	125	40.7
		37	79.0	24.3	94.2	31.1	109	38.8	117	41.7	121	41.8	121	41.8	122	41.9
		39	79.0	25.8	94.2	33.1	109	41.3	112	43.0	113	43.0	115	43.0	117	43.1

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	945	10	71.1	12.4	84.8	15.0	98.5	17.7	105	19.1	112.1	20.5	126	23.4	140	26.4
		12	71.1	12.6	84.8	15.2	98.5	18.0	105	19.4	112.1	20.9	126	23.9	140	26.9
		14	71.1	12.8	84.8	15.5	98.5	18.3	105	19.8	112.1	21.3	126	24.3	140	27.4
		16	71.1	13.1	84.8	15.8	98.5	18.7	105	20.2	112.1	21.7	126	24.8	140	27.9
		18	71.1	13.3	84.8	16.1	98.5	19.0	105	20.6	112.1	22.1	126	25.3	140	28.7
		20	71.1	13.5	84.8	16.4	98.5	19.4	105	21.0	112.1	22.9	126	27.2	140	30.1
		21	71.1	13.7	84.8	16.6	98.5	19.8	105	21.7	112.1	23.8	126	28.1	140	30.8
		23	71.1	13.9	84.8	17.3	98.5	21.2	105	23.3	112.1	25.5	126	30.2	138	32.2
		25	71.1	14.7	84.8	18.4	98.5	22.6	105	24.9	112.1	27.2	126	32.3	136	33.6
		27	71.1	15.6	84.8	19.6	98.5	24.1	105	26.6	112.1	29.1	126	34.6	134	35.0
		29	71.1	16.6	84.8	20.9	98.5	25.8	105	28.4	112.1	31.1	126	36.2	132	36.5
		31	71.1	17.7	84.8	22.3	98.5	27.5	105	30.3	112.1	33.2	126	37.6	130	37.9
		33	71.1	18.8	84.8	23.7	98.5	29.3	105	32.3	112.1	35.4	125	39.0	128	39.3
		35	71.1	19.9	84.8	25.2	98.5	31.2	105	34.4	112.1	37.8	123	40.4	125	40.7
		37	71.1	21.2	84.8	26.8	98.5	33.2	105	36.6	112.1	40.2	121	41.8	122	41.9
		39	71.1	22.4	84.8	28.5	98.5	35.3	105	39.0	112.1	42.9	115	43.0	117	43.1
80	840	10	63.2	11.0	75.3	13.2	87.5	15.5	93.6	16.7	99.7	17.9	112	20.4	124	23.0
		12	63.2	11.2	75.3	13.4	87.5	15.8	93.6	17.0	99.7	18.3	112	20.8	124	23.5
		14	63.2	11.4	75.3	13.7	87.5	16.1	93.6	17.3	99.7	18.6	112	21.2	124	23.9
		16	63.2	11.6	75.3	13.9	87.5	16.4	93.6	17.6	99.7	19.0	112	21.6	124	24.4
		18	63.2	11.8	75.3	14.2	87.5	16.7	93.6	18.0	99.7	19.3	112	22.1	124	24.9
		20	63.2	12.0	75.3	14.4	87.5	17.0	93.6	18.3	99.7	19.7	112	22.9	124	26.6
		21	63.2	12.1	75.3	14.6	87.5	17.2	93.6	18.5	99.7	20.1	112	23.7	124	27.5
		23	63.2	12.3	75.3	14.8	87.5	18.0	93.6	19.7	99.7	21.5	112	25.4	124	29.5
		25	63.2	12.7	75.3	15.8	87.5	19.2	93.6	21.1	99.7	23.0	112	27.1	124	31.6
		27	63.2	13.5	75.3	16.8	87.5	20.5	93.6	22.5	99.7	24.6	112	29.0	124	33.8
		29	63.2	14.4	75.3	17.9	87.5	21.9	93.6	24.0	99.7	26.2	112	31.0	124	36.2
		31	63.2	15.3	75.3	19.1	87.5	23.3	93.6	25.6	99.7	28.0	112	33.1	124	37.6
		33	63.2	16.2	75.3	20.3	87.5	24.8	93.6	27.2	99.7	29.8	112	35.3	124	39.0
		35	63.2	17.2	75.3	21.5	87.5	26.4	93.6	29.0	99.7	31.7	112	37.6	123	40.4
		37	63.2	18.2	75.3	22.8	87.5	28.0	93.6	30.8	99.7	33.8	112	40.1	121	41.8
		39	63.2	19.3	75.3	24.3	87.5	29.8	93.6	32.8	99.7	36.0	112	42.7	117	43.1
70	735	10	55.3	9.69	65.9	11.5	76.6	13.4	81.9	14.4	87.2	15.4	97.9	17.6	109	19.7
		12	55.3	9.84	65.9	11.7	76.6	13.7	81.9	14.7	87.2	15.7	97.9	17.9	109	20.1
		14	55.3	10.0	65.9	11.9	76.6	13.9	81.9	14.9	87.2	16.0	97.9	18.2	109	20.5
		16	55.3	10.1	65.9	12.1	76.6	14.1	81.9	15.2	87.2	16.3	97.9	18.6	109	20.9
		18	55.3	10.3	65.9	12.3	76.6	14.4	81.9	15.5	87.2	16.6	97.9	18.9	109	21.3
		20	55.3	10.5	65.9	12.5	76.6	14.7	81.9	15.8	87.2	16.9	97.9	19.3	109	21.9
		21	55.3	10.6	65.9	12.6	76.6	14.8	81.9	15.9	87.2	17.1	97.9	19.6	109	22.7
		23	55.3	10.8	65.9	12.9	76.6	15.1	81.9	16.5	87.2	17.9	97.9	21.0	109	24.3
		25	55.3	11.0	65.9	13.4	76.6	16.1	81.9	17.6	87.2	19.1	97.9	22.4	109	26.0
		27	55.3	11.6	65.9	14.2	76.6	17.2	81.9	18.8	87.2	20.4	97.9	23.9	109	27.8
		29	55.3	12.3	65.9	15.1	76.6	18.3	81.9	20.0	87.2	21.8	97.9	25.5	109	29.6
		31	55.3	13.0	65.9	16.1	76.6	19.5	81.9	21.3	87.2	23.2	97.9	27.2	109	31.6
		33	55.3	13.8	65.9	17.1	76.6	20.7	81.9	22.6	87.2	24.7	97.9	29.0	109	33.7
		35	55.3	14.6	65.9	18.1	76.6	22.0	81.9	24.1	87.2	26.2	97.9	30.9	109	35.9
		37	55.3	15.5	65.9	19.2	76.6	23.3	81.9	25.6	87.2	27.9	97.9	32.9	109	38.3
		39	55.3	16.4	65.9	20.4	76.6	24.8	81.9	27.2	87.2	29.7	97.9	35.0	109	40.8
60	630	10	47.4	8.43	56.5	9.89	65.6	11.4	70.2	12.3	74.8	13.1	83.9	14.8	93.0	16.6
		12	47.4	8.55	56.5	10.0	65.6	11.6	70.2	12.5	74.8	13.3	83.9	15.1	93.0	16.9
		14	47.4	8.67	56.5	10.2	65.6	11.8	70.2	12.7	74.8	13.5	83.9	15.3	93.0	17.2
		16	47.4	8.80	56.5	10.4	65.6	12.0	70.2	12.9	74.8	13.8	83.9	15.6	93.0	17.5
		18	47.4	8.94	56.5	10.5	65.6	12.2	70.2	13.1	74.8	14.0	83.9	15.9	93.0	17.9
		20	47.4	9.08	56.5	10.7	65.6	12.5	70.2	13.4	74.8	14.3	83.9	16.2	93.0	18.2
		21	47.4	9.15	56.5	10.8	65.6	12.6	70.2	13.5	74.8	14.4	83.9	16.4	93.0	18.4
		23	47.4	9.30	56.5	11.0	65.6	12.8	70.2	13.8	74.8	14.7	83.9	17.0	93.0	19.6
		25	47.4	9.45	56.5	11.2	65.6	13.3	70.2	14.5	74.8	15.6	83.9	18.2	93.0	20.9
		27	47.4	9.80	56.5	11.9	65.6	14.2	70.2	15.4	74.8	16.7	83.9	19.4	93.0	22.3
		29	47.4	10.4	56.5	12.6	65.6	15.1	70.2	16.4	74.8	17.7	83.9	20.6	93.0	23.8
		31	47.4	11.0	56.5	13.4	65.6	16.0	70.2	17.4	74.8	18.9	83.9	22.0	93.0	25.3
		33	47.4	11.6	56.5	14.2	65.6	17.0	70.2	18.5	74.8	20.0	83.9	23.4	93.0	27.0
		35	47.4	12.3	56.5	15.0	65.6	18.0	70.2	19.6	74.8	21.3	83.9	24.9	93.0	28.7
		37	47.4	13.0	56.5	15.9	65.6	19.1	70.2	20.8	74.8	22.6	83.9	26.4	93.0	30.6
		39	47.4	13.7	56.5	16.8	65.6	20.2	70.2	22.1	74.8	24.0	83.9	28.1	93.0	32.5

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	525	10	39.5	7.24	47.1	8.38	54.7	9.59	58.5	10.2	62.3	10.9	69.9	12.2	77.5	13.6
		12	39.5	7.34	47.1	8.50	54.7	9.74	58.5	10.4	62.3	11.0	69.9	12.4	77.5	13.8
		14	39.5	7.43	47.1	8.63	54.7	9.89	58.5	10.5	62.3	11.2	69.9	12.6	77.5	14.1
		16	39.5	7.53	47.1	8.75	54.7	10.0	58.5	10.7	62.3	11.4	69.9	12.8	77.5	14.3
		18	39.5	7.64	47.1	8.89	54.7	10.2	58.5	10.9	62.3	11.6	69.9	13.1	77.5	14.6
		20	39.5	7.75	47.1	9.03	54.7	10.4	58.5	11.1	62.3	11.8	69.9	13.3	77.5	14.9
		21	39.5	7.81	47.1	9.10	54.7	10.5	58.5	11.2	62.3	11.9	69.9	13.4	77.5	15.0
		23	39.5	7.92	47.1	9.25	54.7	10.7	58.5	11.4	62.3	12.1	69.9	13.7	77.5	15.4
		25	39.5	8.04	47.1	9.40	54.7	10.8	58.5	11.6	62.3	12.5	69.9	14.4	77.5	16.4
		27	39.5	8.17	47.1	9.73	54.7	11.4	58.5	12.4	62.3	13.3	69.9	15.3	77.5	17.5
		29	39.5	8.64	47.1	10.3	54.7	12.1	58.5	13.1	62.3	14.1	69.9	16.3	77.5	18.6
		31	39.5	9.13	47.1	10.9	54.7	12.9	58.5	13.9	62.3	15.0	69.9	17.3	77.5	19.8
		33	39.5	9.65	47.1	11.6	54.7	13.6	58.5	14.8	62.3	15.9	69.9	18.4	77.5	21.0
		35	39.5	10.2	47.1	12.2	54.7	14.4	58.5	15.6	62.3	16.9	69.9	19.5	77.5	22.3
		37	39.5	10.7	47.1	12.9	54.7	15.3	58.5	16.6	62.3	17.9	69.9	20.7	77.5	23.7
		39	39.5	11.3	47.1	13.6	54.7	16.2	58.5	17.5	62.3	19.0	69.9	22.0	77.5	25.2

PA-44ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	1,430	10	107	19.2	128	23.6	149	28.0	159	28.6	162	28.0	166	26.8	170	25.6
		12	107	19.6	128	24.0	149	28.5	158	28.5	160	27.9	164	26.7	168	26.3
		14	107	20.0	128	24.5	149	28.9	156	28.3	158	27.7	162	27.5	166	27.7
		16	107	20.4	128	24.9	149	28.8	154	28.6	156	28.7	160	29.0	164	29.2
		18	107	20.7	128	25.4	149	29.9	152	30.0	154	30.2	158	30.5	162	30.7
		20	107	21.2	128	27.1	148	31.3	150	31.5	152	31.6	156	31.9	160	32.3
		21	107	21.8	128	28.1	147	32.1	149	32.2	151	32.4	155	32.7	158	33.0
		23	107	23.3	128	30.1	145	33.5	147	33.7	149	33.9	153	34.2	154	34.3
		25	107	24.9	128	32.2	143	35.0	145	35.2	147	35.3	150	35.6	150	35.7
		27	107	26.6	128	34.5	141	36.5	143	36.6	145	36.8	146	37.0	147	37.0
		29	107	28.4	128	36.8	139	37.9	141	38.1	142	38.3	142	38.3	143	38.3
		31	107	30.3	128	39.0	137	39.4	138	39.5	138	39.6	138	39.6	139	39.7
		33	107	32.3	128	40.4	134	40.8	134	40.8	134	40.9	135	40.9	135	41.0
		35	107	34.4	128	41.9	130	42.1	130	42.1	130	42.1	131	42.2	131	42.2
		37	107	36.6	124	43.3	126	43.3	126	43.4	126	43.4	127	43.5	127	43.5
		39	107	39.0	115	42.9	117	44.1	118	44.6	119	44.6	121	44.7	123	44.7
120	1,320	10	99.2	17.6	118	21.5	137	25.5	147	27.6	157	28.8	164	27.7	167	26.6
		12	99.2	17.9	118	21.9	137	26.0	147	28.1	157	28.6	161	27.5	165	26.4
		14	99.2	18.2	118	22.3	137	26.5	147	28.7	156	28.5	159	27.3	163	27.5
		16	99.2	18.6	118	22.7	137	27.0	147	28.9	154	28.5	157	28.8	161	29.0
		18	99.2	18.9	118	23.2	137	28.0	147	29.8	152	30.0	155	30.2	159	30.5
		20	99.2	19.3	118	24.1	137	30.1	147	31.3	150	31.4	153	31.7	157	32.0
		21	99.2	19.5	118	25.0	137	31.1	147	32.0	148	32.2	152	32.5	156	32.8
		23	99.2	20.8	118	26.7	137	33.3	145	33.5	146	33.6	150	34.0	154	34.3
		25	99.2	22.3	118	28.6	137	34.8	143	34.9	144	35.1	148	35.4	150	35.7
		27	99.2	23.8	118	30.6	137	36.2	140	36.4	142	36.6	146	36.9	147	37.0
		29	99.2	25.3	118	32.7	137	37.7	138	37.9	140	38.1	142	38.3	143	38.3
		31	99.2	27.0	118	34.9	134	39.2	136	39.4	138	39.6	138	39.6	139	39.7
		33	99.2	28.8	118	37.2	132	40.7	134	40.8	134	40.9	135	40.9	135	41.0
		35	99.2	30.6	118	39.7	130	42.1	130	42.1	130	42.1	131	42.2	131	42.2
		37	99.2	32.6	118	42.3	126	43.3	126	43.4	126	43.4	127	43.5	127	43.5
		39	99.2	34.7	115	42.9	117	44.1	118	44.6	119	44.6	121	44.7	123	44.7
110	1,210	10	90.9	16.0	108	19.4	126	23.1	135	25.0	144	26.8	161	28.5	164	27.5
		12	90.9	16.3	108	19.8	126	23.5	135	25.4	144	27.4	159	28.4	162	27.3
		14	90.9	16.5	108	20.2	126	24.0	135	25.9	144	27.9	157	28.2	160	27.3
		16	90.9	16.9	108	20.6	126	24.4	135	26.4	144	28.4	155	28.6	158	28.8
		18	90.9	17.2	108	21.0	126	24.9	135	27.1	144	29.8	152	30.0	156	30.3
		20	90.9	17.5	108	21.4	126	26.4	135	29.2	144	31.2	150	31.5	154	31.8
		21	90.9	17.7	108	22.0	126	27.4	135	30.2	144	32.0	149	32.2	153	32.5
		23	90.9	18.5	108	23.6	126	29.3	135	32.4	144	33.4	147	33.7	151	34.0
		25	90.9	19.8	108	25.2	126	31.4	135	34.7	142	34.9	145	35.2	148	35.5
		27	90.9	21.1	108	27.0	126	33.6	135	36.2	140	36.4	143	36.7	146	37.0
		29	90.9	22.5	108	28.8	126	35.9	135	37.7	138	37.8	141	38.2	143	38.3
		31	90.9	23.9	108	30.7	126	38.3	134	39.1	136	39.3	138	39.6	139	39.7
		33	90.9	25.5	108	32.7	126	40.4	132	40.6	134	40.8	135	40.9	135	41.0
		35	90.9	27.1	108	34.9	126	41.9	130	42.1	130	42.1	131	42.2	131	42.2
		37	90.9	28.8	108	37.1	126	43.3	126	43.4	126	43.4	127	43.5	127	43.5
		39	90.9	30.6	108	39.5	117	44.1	118	44.6	119	44.6	121	44.7	123	44.7
100	1,100	10	82.7	14.4	98.6	17.5	115	20.7	123	22.4	130	24.0	146	27.5	161	28.4
		12	82.7	14.7	98.6	17.8	115	21.1	123	22.8	130	24.5	146	28.0	159	28.3
		14	82.7	14.9	98.6	18.1	115	21.5	123	23.2	130	25.0	146	28.5	157	28.1
		16	82.7	15.2	98.6	18.5	115	21.9	123	23.7	130	25.5	146	28.9	155	28.6
		18	82.7	15.5	98.6	18.8	115	22.3	123	24.1	130	26.0	146	29.8	153	30.1
		20	82.7	15.8	98.6	19.2	115	23.0	123	25.3	130	27.8	146	31.3	151	31.5
		21	82.7	15.9	98.6	19.4	115	23.8	123	26.2	130	28.8	146	32.0	150	32.3
		23	82.7	16.3	98.6	20.7	115	25.5	123	28.1	130	30.9	145	33.5	147	33.7
		25	82.7	17.4	98.6	22.1	115	27.3	123	30.1	130	33.1	142	34.9	145	35.2
		27	82.7	18.6	98.6	23.6	115	29.2	123	32.2	130	35.4	140	36.4	143	36.7
		29	82.7	19.8	98.6	25.1	115	31.1	123	34.4	130	37.6	138	37.9	141	38.2
		31	82.7	21.0	98.6	26.8	115	33.2	123	36.7	130	39.0	136	39.4	139	39.7
		33	82.7	22.4	98.6	28.5	115	35.4	123	39.2	130	40.5	134	40.8	135	41.0
		35	82.7	23.8	98.6	30.4	115	37.8	123	41.8	129	42.0	131	42.2	131	42.2
		37	82.7	25.3	98.6	32.3	115	40.2	123	43.3	126	43.4	127	43.5	127	43.5
		39	82.7	26.8	98.6	34.4	115	42.9	118	44.6	119	44.6	121	44.7	123	44.7

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	990	10	74.4	12.9	88.7	15.5	103	18.4	110	19.8	117	21.3	132	24.3	146	27.4
		12	74.4	13.1	88.7	15.8	103	18.7	110	20.2	117	21.7	132	24.8	146	27.9
		14	74.4	13.3	88.7	16.1	103	19.0	110	20.6	117	22.1	132	25.3	146	28.5
		16	74.4	13.6	88.7	16.4	103	19.4	110	21.0	117	22.5	132	25.7	146	28.9
		18	74.4	13.8	88.7	16.7	103	19.8	110	21.4	117	23.0	132	26.3	146	29.8
		20	74.4	14.1	88.7	17.0	103	20.2	110	21.8	117	23.8	132	28.2	146	31.3
		21	74.4	14.2	88.7	17.2	103	20.5	110	22.6	117	24.7	132	29.2	146	32.0
		23	74.4	14.5	88.7	17.9	103	22.0	110	24.2	117	26.4	132	31.3	144	33.5
		25	74.4	15.2	88.7	19.1	103	23.5	110	25.8	117	28.3	132	33.6	142	34.9
		27	74.4	16.2	88.7	20.4	103	25.1	110	27.6	117	30.2	132	35.9	140	36.4
		29	74.4	17.3	88.7	21.7	103	26.8	110	29.5	117	32.3	132	37.6	138	37.9
		31	74.4	18.4	88.7	23.1	103	28.5	110	31.4	117	34.5	132	39.1	136	39.4
		33	74.4	19.5	88.7	24.6	103	30.4	110	33.5	117	36.8	131	40.5	134	40.8
		35	74.4	20.7	88.7	26.2	103	32.4	110	35.7	117	39.2	129	42.0	131	42.2
		37	74.4	22.0	88.7	27.8	103	34.5	110	38.0	117	41.8	127	43.5	127	43.5
		39	74.4	23.3	88.7	29.6	103	36.7	110	40.5	117	44.5	121	44.7	123	44.7
80	880	10	66.1	11.4	78.9	13.7	91.6	16.1	98.0	17.3	104	18.6	117	21.2	130	23.9
		12	66.1	11.6	78.9	13.9	91.6	16.4	98.0	17.7	104	19.0	117	21.6	130	24.4
		14	66.1	11.8	78.9	14.2	91.6	16.7	98.0	18.0	104	19.3	117	22.0	130	24.8
		16	66.1	12.0	78.9	14.4	91.6	17.0	98.0	18.3	104	19.7	117	22.5	130	25.3
		18	66.1	12.2	78.9	14.7	91.6	17.3	98.0	18.7	104	20.1	117	22.9	130	25.8
		20	66.1	12.4	78.9	15.0	91.6	17.7	98.0	19.0	104	20.5	117	23.7	130	27.6
		21	66.1	12.6	78.9	15.1	91.6	17.8	98.0	19.2	104	20.9	117	24.6	130	28.6
		23	66.1	12.8	78.9	15.4	91.6	18.7	98.0	20.5	104	22.4	117	26.3	130	30.7
		25	66.1	13.2	78.9	16.4	91.6	20.0	98.0	21.9	104	23.9	117	28.2	130	32.8
		27	66.1	14.0	78.9	17.5	91.6	21.3	98.0	23.4	104	25.5	117	30.1	130	35.1
		29	66.1	14.9	78.9	18.6	91.6	22.7	98.0	24.9	104	27.2	117	32.2	130	37.6
		31	66.1	15.8	78.9	19.8	91.6	24.2	98.0	26.6	104	29.0	117	34.3	130	39.0
		33	66.1	16.8	78.9	21.0	91.6	25.7	98.0	28.3	104	30.9	117	36.6	130	40.5
		35	66.1	17.8	78.9	22.3	91.6	27.4	98.0	30.1	104	33.0	117	39.1	129	42.0
		37	66.1	18.9	78.9	23.7	91.6	29.1	98.0	32.0	104	35.1	117	41.6	127	43.4
		39	66.1	20.0	78.9	25.2	91.6	31.0	98.0	34.1	104	37.3	117	44.3	123	44.7
70	770	10	57.9	10.1	69.0	11.9	80.2	13.9	85.8	15.0	91.3	16.0	102	18.2	114	20.5
		12	57.9	10.2	69.0	12.1	80.2	14.2	85.8	15.2	91.3	16.3	102	18.6	114	20.9
		14	57.9	10.4	69.0	12.3	80.2	14.4	85.8	15.5	91.3	16.6	102	18.9	114	21.3
		16	57.9	10.5	69.0	12.6	80.2	14.7	85.8	15.8	91.3	16.9	102	19.3	114	21.7
		18	57.9	10.7	69.0	12.8	80.2	15.0	85.8	16.1	91.3	17.3	102	19.7	114	22.1
		20	57.9	10.9	69.0	13.0	80.2	15.2	85.8	16.4	91.3	17.6	102	20.0	114	22.7
		21	57.9	11.0	69.0	13.1	80.2	15.4	85.8	16.6	91.3	17.8	102	20.4	114	23.5
		23	57.9	11.2	69.0	13.4	80.2	15.7	85.8	17.1	91.3	18.6	102	21.8	114	25.2
		25	57.9	11.4	69.0	13.9	80.2	16.7	85.8	18.3	91.3	19.9	102	23.3	114	27.0
		27	57.9	12.0	69.0	14.8	80.2	17.8	85.8	19.5	91.3	21.2	102	24.9	114	28.8
		29	57.9	12.8	69.0	15.7	80.2	19.0	85.8	20.8	91.3	22.6	102	26.5	114	30.8
		31	57.9	13.5	69.0	16.7	80.2	20.2	85.8	22.1	91.3	24.1	102	28.3	114	32.8
		33	57.9	14.3	69.0	17.7	80.2	21.5	85.8	23.5	91.3	25.6	102	30.1	114	35.0
		35	57.9	15.2	69.0	18.8	80.2	22.8	85.8	25.0	91.3	27.3	102	32.1	114	37.3
		37	57.9	16.1	69.0	19.9	80.2	24.2	85.8	26.6	91.3	29.0	102	34.2	114	39.8
		39	57.9	17.0	69.0	21.1	80.2	25.7	85.8	28.2	91.3	30.8	102	36.4	114	42.4
60	660	10	49.6	8.75	59.2	10.3	68.7	11.9	73.5	12.7	78.3	13.6	87.8	15.4	97.4	17.2
		12	49.6	8.88	59.2	10.4	68.7	12.1	73.5	12.9	78.3	13.8	87.8	15.6	97.4	17.5
		14	49.6	9.01	59.2	10.6	68.7	12.3	73.5	13.2	78.3	14.1	87.8	15.9	97.4	17.9
		16	49.6	9.14	59.2	10.8	68.7	12.5	73.5	13.4	78.3	14.3	87.8	16.2	97.4	18.2
		18	49.6	9.28	59.2	10.9	68.7	12.7	73.5	13.6	78.3	14.6	87.8	16.5	97.4	18.6
		20	49.6	9.43	59.2	11.1	68.7	12.9	73.5	13.9	78.3	14.9	87.8	16.8	97.4	18.9
		21	49.6	9.50	59.2	11.2	68.7	13.1	73.5	14.0	78.3	15.0	87.8	17.0	97.4	19.1
		23	49.6	9.66	59.2	11.4	68.7	13.3	73.5	14.3	78.3	15.3	87.8	17.7	97.4	20.3
		25	49.6	9.82	59.2	11.6	68.7	13.8	73.5	15.0	78.3	16.2	87.8	18.9	97.4	21.7
		27	49.6	10.2	59.2	12.3	68.7	14.7	73.5	16.0	78.3	17.3	87.8	20.1	97.4	23.2
		29	49.6	10.8	59.2	13.1	68.7	15.6	73.5	17.0	78.3	18.4	87.8	21.4	97.4	24.7
		31	49.6	11.4	59.2	13.9	68.7	16.6	73.5	18.1	78.3	19.6	87.8	22.8	97.4	26.3
		33	49.6	12.1	59.2	14.7	68.7	17.6	73.5	19.2	78.3	20.8	87.8	24.3	97.4	28.0
		35	49.6	12.8	59.2	15.6	68.7	18.7	73.5	20.4	78.3	22.1	87.8	25.8	97.4	29.8
		37	49.6	13.5	59.2	16.5	68.7	19.8	73.5	21.6	78.3	23.5	87.8	27.5	97.4	31.7
		39	49.6	14.3	59.2	17.5	68.7	21.0	73.5	22.9	78.3	24.9	87.8	29.2	97.4	33.8

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	550	10	41.3	7.52	49.3	8.71	57.3	10.0	61.3	10.6	65.2	11.3	73.2	12.7	81.2	14.1
		12	41.3	7.62	49.3	8.83	57.3	10.1	61.3	10.8	65.2	11.5	73.2	12.9	81.2	14.4
		14	41.3	7.72	49.3	8.96	57.3	10.3	61.3	11.0	65.2	11.7	73.2	13.1	81.2	14.6
		16	41.3	7.82	49.3	9.09	57.3	10.4	61.3	11.1	65.2	11.9	73.2	13.3	81.2	14.9
		18	41.3	7.93	49.3	9.23	57.3	10.6	61.3	11.3	65.2	12.1	73.2	13.6	81.2	15.2
		20	41.3	8.05	49.3	9.37	57.3	10.8	61.3	11.5	65.2	12.3	73.2	13.8	81.2	15.4
		21	41.3	8.11	49.3	9.45	57.3	10.9	61.3	11.6	65.2	12.4	73.2	14.0	81.2	15.6
		23	41.3	8.23	49.3	9.60	57.3	11.1	61.3	11.8	65.2	12.6	73.2	14.2	81.2	15.9
		25	41.3	8.35	49.3	9.76	57.3	11.3	61.3	12.1	65.2	13.0	73.2	14.9	81.2	17.0
		27	41.3	8.49	49.3	10.1	57.3	11.9	61.3	12.8	65.2	13.8	73.2	15.9	81.2	18.1
		29	41.3	8.98	49.3	10.7	57.3	12.6	61.3	13.6	65.2	14.7	73.2	16.9	81.2	19.3
		31	41.3	9.49	49.3	11.3	57.3	13.4	61.3	14.5	65.2	15.6	73.2	18.0	81.2	20.5
		33	41.3	10.0	49.3	12.0	57.3	14.2	61.3	15.3	65.2	16.5	73.2	19.1	81.2	21.8
		35	41.3	10.6	49.3	12.7	57.3	15.0	61.3	16.2	65.2	17.5	73.2	20.3	81.2	23.2
		37	41.3	11.1	49.3	13.4	57.3	15.9	61.3	17.2	65.2	18.6	73.2	21.5	81.2	24.6
		39	41.3	11.8	49.3	14.2	57.3	16.8	61.3	18.2	65.2	19.7	73.2	22.8	81.2	26.2

PA-46ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	1,495	10	113	20.9	135	25.6	157	30.5	168	31.1	171	30.5	175	29.2	179	27.9
		12	113	21.3	135	26.1	157	31.1	167	31.0	169	30.3	173	29.0	177	28.6
		14	113	21.7	135	26.6	157	31.5	165	30.8	167	30.2	171	29.9	175	30.2
		16	113	22.2	135	27.2	157	31.3	162	31.1	164	31.2	169	31.5	173	31.8
		18	113	22.6	135	27.7	157	32.5	160	32.7	162	32.8	166	33.2	170	33.5
		20	113	23.0	135	29.5	156	34.1	158	34.3	160	34.4	164	34.8	168	35.1
		21	113	23.7	135	30.6	155	34.9	157	35.1	159	35.2	163	35.6	166	35.9
		23	113	25.4	135	32.8	153	36.5	155	36.7	157	36.9	161	37.2	162	37.4
		25	113	27.1	135	35.1	150	38.1	153	38.3	155	38.5	158	38.8	158	38.8
		27	113	29.0	135	37.5	148	39.7	150	39.9	152	40.1	154	40.3	154	40.3
		29	113	30.9	135	40.1	146	41.3	148	41.5	149	41.7	150	41.7	150	41.7
		31	113	33.0	135	42.4	144	42.9	145	43.1	145	43.1	146	43.1	146	43.2
		33	113	35.1	135	44.0	141	44.4	141	44.5	141	44.5	142	44.5	142	44.6
		35	113	37.4	135	45.6	137	45.8	137	45.9	137	45.9	138	45.9	138	46.0
		37	113	39.9	131	47.1	133	47.2	133	47.2	133	47.3	134	47.3	134	47.4
		39	113	42.4	121	46.7	123	48.0	124	48.6	125	48.6	127	48.7	129	48.7
120	1,380	10	104	19.1	125	23.4	145	27.8	155	30.1	165	31.3	172	30.1	176	28.9
		12	104	19.5	125	23.8	145	28.3	155	30.6	165	31.2	170	30.0	174	28.7
		14	104	19.9	125	24.3	145	28.9	155	31.2	164	31.0	168	29.8	172	30.0
		16	104	20.2	125	24.7	145	29.4	155	31.4	162	31.1	166	31.3	169	31.6
		18	104	20.6	125	25.2	145	30.4	155	32.5	160	32.6	163	32.9	167	33.2
		20	104	21.0	125	26.2	145	32.7	155	34.1	157	34.2	161	34.5	165	34.9
		21	104	21.2	125	27.2	145	33.9	154	34.9	156	35.0	160	35.3	164	35.7
		23	104	22.7	125	29.1	145	36.3	152	36.5	154	36.6	158	37.0	162	37.3
		25	104	24.2	125	31.2	145	37.9	150	38.0	152	38.2	156	38.6	158	38.8
		27	104	25.9	125	33.3	145	39.5	148	39.6	150	39.8	154	40.2	154	40.3
		29	104	27.6	125	35.6	144	41.1	146	41.3	148	41.5	150	41.7	150	41.7
		31	104	29.4	125	38.0	142	42.7	143	42.9	145	43.1	146	43.1	146	43.2
		33	104	31.3	125	40.5	139	44.3	141	44.5	141	44.5	142	44.5	142	44.6
		35	104	33.4	125	43.2	137	45.8	137	45.9	137	45.9	138	45.9	138	46.0
		37	104	35.5	125	46.0	133	47.2	133	47.2	133	47.3	134	47.3	134	47.4
		39	104	37.8	121	46.7	123	48.0	124	48.6	125	48.6	127	48.7	129	48.7
110	1,265	10	95.8	17.4	114	21.2	133	25.1	142	27.2	151	29.2	169	31.0	173	30.0
		12	95.8	17.7	114	21.6	133	25.6	142	27.7	151	29.8	167	30.9	171	29.8
		14	95.8	18.0	114	22.0	133	26.1	142	28.2	151	30.4	165	30.7	168	29.8
		16	95.8	18.4	114	22.4	133	26.6	142	28.8	151	30.9	163	31.1	166	31.4
		18	95.8	18.7	114	22.8	133	27.1	142	29.6	151	32.4	161	32.7	164	33.0
		20	95.8	19.1	114	23.3	133	28.8	142	31.8	151	34.0	158	34.3	162	34.6
		21	95.8	19.3	114	24.0	133	29.8	142	32.9	151	34.8	157	35.1	161	35.4
		23	95.8	20.2	114	25.7	133	31.9	142	35.3	151	36.4	155	36.7	159	37.0
		25	95.8	21.5	114	27.5	133	34.2	142	37.8	149	38.0	153	38.3	156	38.7
		27	95.8	23.0	114	29.4	133	36.6	142	39.4	147	39.6	151	39.9	154	40.3
		29	95.8	24.5	114	31.3	133	39.1	142	41.0	145	41.2	148	41.6	150	41.7
		31	95.8	26.1	114	33.4	133	41.7	141	42.6	143	42.8	146	43.1	146	43.2
		33	95.8	27.7	114	35.6	133	44.0	139	44.2	141	44.4	142	44.5	142	44.6
		35	95.8	29.5	114	37.9	133	45.6	137	45.8	137	45.9	138	45.9	138	46.0
		37	95.8	31.4	114	40.4	133	47.2	133	47.2	133	47.3	134	47.3	134	47.4
		39	95.8	33.3	114	43.0	123	48.0	124	48.6	125	48.6	127	48.7	129	48.7
100	1,150	10	87.1	15.7	104	19.0	121	22.5	129	24.3	137	26.2	154	29.9	170	31.0
		12	87.1	16.0	104	19.4	121	22.9	129	24.8	137	26.7	154	30.5	167	30.8
		14	87.1	16.2	104	19.7	121	23.4	129	25.3	137	27.2	154	31.1	165	30.6
		16	87.1	16.5	104	20.1	121	23.8	129	25.8	137	27.7	154	31.5	163	31.1
		18	87.1	16.8	104	20.5	121	24.3	129	26.3	137	28.3	154	32.5	161	32.7
		20	87.1	17.2	104	20.9	121	25.0	129	27.6	137	30.3	154	34.1	159	34.3
		21	87.1	17.3	104	21.1	121	25.9	129	28.6	137	31.4	154	34.9	158	35.1
		23	87.1	17.8	104	22.5	121	27.8	129	30.6	137	33.6	152	36.4	155	36.7
		25	87.1	19.0	104	24.0	121	29.7	129	32.8	137	36.0	150	38.0	153	38.3
		27	87.1	20.2	104	25.7	121	31.8	129	35.1	137	38.5	148	39.6	151	40.0
		29	87.1	21.5	104	27.4	121	33.9	129	37.5	137	40.9	146	41.2	149	41.6
		31	87.1	22.9	104	29.2	121	36.2	129	40.0	137	42.5	143	42.9	146	43.2
		33	87.1	24.4	104	31.1	121	38.6	129	42.7	137	44.1	141	44.5	142	44.6
		35	87.1	25.9	104	33.1	121	41.1	129	45.5	136	45.7	138	45.9	138	46.0
		37	87.1	27.5	104	35.2	121	43.8	129	47.1	133	47.3	134	47.3	134	47.4
		39	87.1	29.2	104	37.4	121	46.7	124	48.6	125	48.6	127	48.7	129	48.7

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	1,035	10	78.4	14.0	93.5	16.9	109	20.0	116	21.6	124	23.2	139	26.5	154	29.8
		12	78.4	14.3	93.5	17.2	109	20.4	116	22.0	124	23.6	139	27.0	154	30.4
		14	78.4	14.5	93.5	17.5	109	20.7	116	22.4	124	24.1	139	27.5	154	31.0
		16	78.4	14.8	93.5	17.9	109	21.1	116	22.8	124	24.5	139	28.0	154	31.5
		18	78.4	15.0	93.5	18.2	109	21.5	116	23.3	124	25.0	139	28.6	154	32.5
		20	78.4	15.3	93.5	18.6	109	22.0	116	23.7	124	25.9	139	30.7	154	34.1
		21	78.4	15.5	93.5	18.7	109	22.3	116	24.6	124	26.9	139	31.8	154	34.8
		23	78.4	15.8	93.5	19.5	109	23.9	116	26.3	124	28.8	139	34.1	152	36.4
		25	78.4	16.6	93.5	20.8	109	25.6	116	28.1	124	30.8	139	36.5	150	38.0
		27	78.4	17.7	93.5	22.2	109	27.3	116	30.1	124	32.9	139	39.1	148	39.6
		29	78.4	18.8	93.5	23.7	109	29.1	116	32.1	124	35.2	139	40.9	146	41.2
		31	78.4	20.0	93.5	25.2	109	31.1	116	34.2	124	37.5	139	42.5	143	42.8
		33	78.4	21.2	93.5	26.8	109	33.1	116	36.5	124	40.0	138	44.1	141	44.5
		35	78.4	22.5	93.5	28.5	109	35.2	116	38.9	124	42.7	136	45.7	138	46.0
		37	78.4	23.9	93.5	30.3	109	37.5	116	41.4	124	45.5	134	47.3	134	47.4
		39	78.4	25.4	93.5	32.2	109	39.9	116	44.1	124	48.5	127	48.7	129	48.7
80	920	10	69.6	12.5	83.1	14.9	96.5	17.5	103	18.9	110	20.3	123	23.1	137	26.0
		12	69.6	12.7	83.1	15.2	96.5	17.8	103	19.2	110	20.6	123	23.5	137	26.5
		14	69.6	12.9	83.1	15.4	96.5	18.2	103	19.6	110	21.0	123	24.0	137	27.0
		16	69.6	13.1	83.1	15.7	96.5	18.5	103	20.0	110	21.4	123	24.5	137	27.6
		18	69.6	13.3	83.1	16.0	96.5	18.9	103	20.3	110	21.8	123	24.9	137	28.1
		20	69.6	13.5	83.1	16.3	96.5	19.2	103	20.7	110	22.3	123	25.9	137	30.1
		21	69.6	13.7	83.1	16.5	96.5	19.4	103	20.9	110	22.7	123	26.8	137	31.1
		23	69.6	13.9	83.1	16.8	96.5	20.4	103	22.3	110	24.3	123	28.7	137	33.4
		25	69.6	14.4	83.1	17.9	96.5	21.7	103	23.8	110	26.0	123	30.7	137	35.8
		27	69.6	15.3	83.1	19.0	96.5	23.2	103	25.4	110	27.8	123	32.8	137	38.3
		29	69.6	16.2	83.1	20.3	96.5	24.7	103	27.1	110	29.7	123	35.0	137	40.9
		31	69.6	17.3	83.1	21.5	96.5	26.3	103	28.9	110	31.6	123	37.4	137	42.5
		33	69.6	18.3	83.1	22.9	96.5	28.0	103	30.8	110	33.7	123	39.9	137	44.1
		35	69.6	19.4	83.1	24.3	96.5	29.8	103	32.8	110	35.9	123	42.5	136	45.7
		37	69.6	20.6	83.1	25.8	96.5	31.7	103	34.9	110	38.2	123	45.3	133	47.3
		39	69.6	21.8	83.1	27.4	96.5	33.7	103	37.1	110	40.7	123	48.3	129	48.7
70	805	10	60.9	11.0	72.7	13.0	84.4	15.2	90.3	16.3	96.2	17.5	108	19.9	120	22.3
		12	60.9	11.1	72.7	13.2	84.4	15.4	90.3	16.6	96.2	17.8	108	20.2	120	22.7
		14	60.9	11.3	72.7	13.4	84.4	15.7	90.3	16.9	96.2	18.1	108	20.6	120	23.2
		16	60.9	11.5	72.7	13.7	84.4	16.0	90.3	17.2	96.2	18.4	108	21.0	120	23.6
		18	60.9	11.7	72.7	13.9	84.4	16.3	90.3	17.5	96.2	18.8	108	21.4	120	24.1
		20	60.9	11.9	72.7	14.2	84.4	16.6	90.3	17.9	96.2	19.2	108	21.8	120	24.8
		21	60.9	12.0	72.7	14.3	84.4	16.8	90.3	18.0	96.2	19.3	108	22.2	120	25.6
		23	60.9	12.2	72.7	14.6	84.4	17.1	90.3	18.6	96.2	20.3	108	23.7	120	27.5
		25	60.9	12.4	72.7	15.1	84.4	18.2	90.3	19.9	96.2	21.6	108	25.4	120	29.4
		27	60.9	13.1	72.7	16.1	84.4	19.4	90.3	21.2	96.2	23.1	108	27.1	120	31.4
		29	60.9	13.9	72.7	17.1	84.4	20.7	90.3	22.6	96.2	24.6	108	28.9	120	33.5
		31	60.9	14.7	72.7	18.2	84.4	22.0	90.3	24.1	96.2	26.2	108	30.8	120	35.8
		33	60.9	15.6	72.7	19.3	84.4	23.4	90.3	25.6	96.2	27.9	108	32.8	120	38.1
		35	60.9	16.5	72.7	20.5	84.4	24.9	90.3	27.2	96.2	29.7	108	34.9	120	40.6
		37	60.9	17.5	72.7	21.7	84.4	26.4	90.3	28.9	96.2	31.6	108	37.2	120	43.3
		39	60.9	18.5	72.7	23.0	84.4	28.0	90.3	30.7	96.2	33.5	108	39.6	120	46.1
60	690	10	52.2	9.53	62.3	11.2	72.4	12.9	77.4	13.9	82.4	14.8	92.5	16.7	103	18.8
		12	52.2	9.66	62.3	11.4	72.4	13.2	77.4	14.1	82.4	15.1	92.5	17.0	103	19.1
		14	52.2	9.81	62.3	11.5	72.4	13.4	77.4	14.3	82.4	15.3	92.5	17.3	103	19.4
		16	52.2	9.95	62.3	11.7	72.4	13.6	77.4	14.6	82.4	15.6	92.5	17.7	103	19.8
		18	52.2	10.1	62.3	11.9	72.4	13.8	77.4	14.8	82.4	15.9	92.5	18.0	103	20.2
		20	52.2	10.3	62.3	12.1	72.4	14.1	77.4	15.1	82.4	16.2	92.5	18.3	103	20.6
		21	52.2	10.3	62.3	12.2	72.4	14.2	77.4	15.3	82.4	16.3	92.5	18.5	103	20.8
		23	52.2	10.5	62.3	12.4	72.4	14.5	77.4	15.5	82.4	16.6	92.5	19.2	103	22.1
		25	52.2	10.7	62.3	12.7	72.4	15.0	77.4	16.3	82.4	17.7	92.5	20.5	103	23.6
		27	52.2	11.1	62.3	13.4	72.4	16.0	77.4	17.4	82.4	18.8	92.5	21.9	103	25.2
		29	52.2	11.7	62.3	14.3	72.4	17.0	77.4	18.5	82.4	20.1	92.5	23.3	103	26.9
		31	52.2	12.4	62.3	15.1	72.4	18.1	77.4	19.7	82.4	21.3	92.5	24.9	103	28.7
		33	52.2	13.1	62.3	16.0	72.4	19.2	77.4	20.9	82.4	22.7	92.5	26.4	103	30.5
		35	52.2	13.9	62.3	17.0	72.4	20.4	77.4	22.2	82.4	24.1	92.5	28.1	103	32.5
		37	52.2	14.7	62.3	18.0	72.4	21.6	77.4	23.5	82.4	25.6	92.5	29.9	103	34.6
		39	52.2	15.5	62.3	19.0	72.4	22.9	77.4	25.0	82.4	27.1	92.5	31.8	103	36.8

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	575	10	43.5	8.19	51.9	9.48	60.3	10.8	64.5	11.6	68.7	12.3	77.1	13.8	85.5	15.4
		12	43.5	8.30	51.9	9.61	60.3	11.0	64.5	11.7	68.7	12.5	77.1	14.0	85.5	15.6
		14	43.5	8.41	51.9	9.75	60.3	11.2	64.5	11.9	68.7	12.7	77.1	14.3	85.5	15.9
		16	43.5	8.52	51.9	9.90	60.3	11.4	64.5	12.1	68.7	12.9	77.1	14.5	85.5	16.2
		18	43.5	8.64	51.9	10.0	60.3	11.5	64.5	12.3	68.7	13.1	77.1	14.8	85.5	16.5
		20	43.5	8.76	51.9	10.2	60.3	11.7	64.5	12.5	68.7	13.4	77.1	15.1	85.5	16.8
		21	43.5	8.83	51.9	10.3	60.3	11.8	64.5	12.6	68.7	13.5	77.1	15.2	85.5	17.0
		23	43.5	8.96	51.9	10.5	60.3	12.0	64.5	12.9	68.7	13.7	77.1	15.5	85.5	17.4
		25	43.5	9.09	51.9	10.6	60.3	12.3	64.5	13.1	68.7	14.1	77.1	16.3	85.5	18.5
		27	43.5	9.24	51.9	11.0	60.3	12.9	64.5	14.0	68.7	15.0	77.1	17.3	85.5	19.7
		29	43.5	9.77	51.9	11.7	60.3	13.7	64.5	14.8	68.7	16.0	77.1	18.4	85.5	21.0
		31	43.5	10.3	51.9	12.3	60.3	14.6	64.5	15.7	68.7	17.0	77.1	19.6	85.5	22.4
		33	43.5	10.9	51.9	13.1	60.3	15.4	64.5	16.7	68.7	18.0	77.1	20.8	85.5	23.8
		35	43.5	11.5	51.9	13.8	60.3	16.3	64.5	17.7	68.7	19.1	77.1	22.1	85.5	25.3
		37	43.5	12.1	51.9	14.6	60.3	17.3	64.5	18.7	68.7	20.2	77.1	23.4	85.5	26.8
		39	43.5	12.8	51.9	15.4	60.3	18.3	64.5	19.8	68.7	21.4	77.1	24.8	85.5	28.5

PA-48ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	1,560	10	117	21.6	140	26.4	162	31.4	174	32.1	177	31.4	181	30.1	185	28.7
		12	117	22.0	140	26.9	162	32.0	173	31.9	175	31.2	179	29.9	183	29.4
		14	117	22.4	140	27.4	162	32.4	170	31.7	172	31.1	177	30.8	181	31.1
		16	117	22.8	140	28.0	162	32.3	168	32.0	170	32.2	174	32.5	179	32.8
		18	117	23.3	140	28.5	162	33.5	166	33.7	168	33.8	172	34.1	176	34.5
		20	117	23.7	140	30.4	161	35.1	164	35.3	166	35.5	170	35.8	173	36.1
		21	117	24.4	140	31.5	160	35.9	162	36.1	164	36.3	169	36.7	171	36.9
		23	117	26.1	140	33.7	158	37.6	160	37.8	162	38.0	166	38.3	167	38.4
		25	117	27.9	140	36.1	156	39.2	158	39.4	160	39.6	163	39.9	163	39.9
		27	117	29.8	140	38.6	153	40.9	156	41.1	158	41.3	158	41.4	159	41.4
		29	117	31.8	140	41.3	151	42.5	153	42.8	154	42.8	154	42.8	155	42.9
		31	117	34.0	140	43.7	149	44.2	149	44.2	149	44.3	150	44.3	150	44.4
		33	117	36.2	140	45.4	145	45.7	145	45.7	145	45.7	146	45.8	146	45.8
		35	117	38.6	140	47.0	141	47.1	141	47.1	141	47.1	141	47.2	142	47.2
		37	117	41.1	130	48.0	132	48.5	134	48.5	135	48.5	137	48.6	138	48.7
		39	117	43.7	120	45.2	122	46.5	123	47.1	124	47.8	127	49.1	129	50.0
120	1,440	10	108	19.7	129	24.1	150	28.6	160	31.0	171	32.2	178	31.0	182	29.8
		12	108	20.1	129	24.5	150	29.2	160	31.5	171	32.1	176	30.9	180	29.6
		14	108	20.4	129	25.0	150	29.7	160	32.1	170	31.9	174	30.7	178	30.9
		16	108	20.8	129	25.5	150	30.3	160	32.4	168	32.0	171	32.3	175	32.5
		18	108	21.2	129	26.0	150	31.4	160	33.5	165	33.6	169	33.9	173	34.2
		20	108	21.7	129	27.0	150	33.7	160	35.1	163	35.3	167	35.6	171	35.9
		21	108	21.9	129	28.0	150	34.9	160	35.9	162	36.1	166	36.4	170	36.7
		23	108	23.4	129	30.0	150	37.4	158	37.5	160	37.7	163	38.1	167	38.4
		25	108	25.0	129	32.1	150	39.0	155	39.2	157	39.4	161	39.7	163	39.9
		27	108	26.6	129	34.3	150	40.6	153	40.8	155	41.0	158	41.4	159	41.4
		29	108	28.4	129	36.6	149	42.3	151	42.5	153	42.7	154	42.8	155	42.9
		31	108	30.3	129	39.1	147	43.9	148	44.2	149	44.3	150	44.3	150	44.4
		33	108	32.3	129	41.7	144	45.6	145	45.7	145	45.7	146	45.8	146	45.8
		35	108	34.3	129	44.5	141	47.1	141	47.1	141	47.1	141	47.2	142	47.2
		37	108	36.6	129	47.4	132	48.5	134	48.5	135	48.5	137	48.6	138	48.7
		39	108	38.9	120	45.2	122	46.5	123	47.1	124	47.8	127	49.1	129	50.0
110	1,320	10	99.1	17.9	118	21.8	137	25.9	147	28.0	156	30.1	175	32.0	179	30.9
		12	99.1	18.2	118	22.2	137	26.4	147	28.5	156	30.7	173	31.8	177	30.7
		14	99.1	18.6	118	22.6	137	26.9	147	29.1	156	31.3	171	31.6	174	30.7
		16	99.1	18.9	118	23.1	137	27.4	147	29.6	156	31.9	168	32.0	172	32.3
		18	99.1	19.3	118	23.5	137	28.0	147	30.4	156	33.4	166	33.7	170	34.0
		20	99.1	19.6	118	24.0	137	29.6	147	32.7	156	35.0	164	35.3	167	35.6
		21	99.1	19.8	118	24.7	137	30.7	147	33.9	156	35.8	163	36.2	166	36.5
		23	99.1	20.8	118	26.5	137	32.9	147	36.4	156	37.5	160	37.8	164	38.1
		25	99.1	22.2	118	28.3	137	35.2	147	38.9	155	39.1	158	39.5	162	39.8
		27	99.1	23.6	118	30.2	137	37.6	147	40.6	152	40.8	156	41.1	159	41.4
		29	99.1	25.2	118	32.3	137	40.2	147	42.2	150	42.4	154	42.8	155	42.9
		31	99.1	26.8	118	34.4	137	43.0	146	43.9	148	44.1	150	44.3	150	44.4
		33	99.1	28.6	118	36.7	137	45.3	144	45.5	145	45.7	146	45.8	146	45.8
		35	99.1	30.4	118	39.1	137	47.0	141	47.1	141	47.1	141	47.2	142	47.2
		37	99.1	32.3	118	41.6	132	48.5	134	48.5	135	48.5	137	48.6	138	48.7
		39	99.1	34.3	118	44.3	122	46.5	123	47.1	124	47.8	127	49.1	129	50.0
100	1,200	10	90.1	16.1	107	19.6	125	23.2	134	25.1	142	27.0	160	30.8	176	31.9
		12	90.1	16.4	107	19.9	125	23.6	134	25.5	142	27.5	160	31.4	173	31.7
		14	90.1	16.7	107	20.3	125	24.1	134	26.0	142	28.0	160	32.0	171	31.5
		16	90.1	17.0	107	20.7	125	24.5	134	26.5	142	28.5	160	32.4	169	32.1
		18	90.1	17.3	107	21.1	125	25.0	134	27.1	142	29.1	160	33.5	166	33.7
		20	90.1	17.7	107	21.5	125	25.8	134	28.4	142	31.2	160	35.1	164	35.3
		21	90.1	17.8	107	21.7	125	26.7	134	29.4	142	32.3	160	35.9	163	36.2
		23	90.1	18.3	107	23.2	125	28.6	134	31.5	142	34.6	157	37.5	161	37.8
		25	90.1	19.5	107	24.8	125	30.6	134	33.8	142	37.1	155	39.2	158	39.5
		27	90.1	20.8	107	26.4	125	32.7	134	36.1	142	39.7	153	40.8	156	41.2
		29	90.1	22.2	107	28.2	125	34.9	134	38.6	142	42.1	151	42.5	154	42.8
		31	90.1	23.6	107	30.0	125	37.3	134	41.2	142	43.8	148	44.1	150	44.4
		33	90.1	25.1	107	32.0	125	39.7	134	43.9	142	45.4	146	45.8	146	45.8
		35	90.1	26.7	107	34.1	125	42.4	134	46.9	141	47.1	141	47.2	142	47.2
		37	90.1	28.3	107	36.2	125	45.1	134	48.5	135	48.5	137	48.6	138	48.7
		39	90.1	30.1	107	38.5	122	46.5	123	47.1	124	47.8	127	49.1	129	50.0

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	1,080	10	81.1	14.5	96.7	17.4	112	20.6	120	22.2	128	23.9	144	27.3	159	30.7
		12	81.1	14.7	96.7	17.7	112	21.0	120	22.6	128	24.3	144	27.8	159	31.3
		14	81.1	15.0	96.7	18.1	112	21.4	120	23.1	128	24.8	144	28.3	159	31.9
		16	81.1	15.2	96.7	18.4	112	21.8	120	23.5	128	25.3	144	28.9	159	32.4
		18	81.1	15.5	96.7	18.7	112	22.2	120	24.0	128	25.8	144	29.4	159	33.4
		20	81.1	15.8	96.7	19.1	112	22.6	120	24.4	128	26.7	144	31.6	159	35.1
		21	81.1	15.9	96.7	19.3	112	23.0	120	25.3	128	27.7	144	32.8	159	35.9
		23	81.1	16.2	96.7	20.1	112	24.6	120	27.1	128	29.7	144	35.1	157	37.5
		25	81.1	17.1	96.7	21.5	112	26.3	120	29.0	128	31.7	144	37.6	155	39.2
		27	81.1	18.2	96.7	22.9	112	28.1	120	30.9	128	33.9	144	40.3	153	40.8
		29	81.1	19.4	96.7	24.4	112	30.0	120	33.0	128	36.2	144	42.2	151	42.5
		31	81.1	20.6	96.7	26.0	112	32.0	120	35.2	128	38.7	144	43.8	148	44.1
		33	81.1	21.9	96.7	27.6	112	34.1	120	37.6	128	41.2	143	45.4	146	45.8
		35	81.1	23.2	96.7	29.4	112	36.3	120	40.0	128	44.0	141	47.1	142	47.2
		37	81.1	24.6	96.7	31.2	112	38.6	120	42.6	128	46.8	137	48.6	138	48.7
		39	81.1	26.1	96.7	33.2	112	41.1	120	45.4	124	47.8	127	49.1	129	50.0
80	960	10	72.1	12.8	86.0	15.4	99.9	18.1	107	19.4	114	20.9	128	23.8	142	26.8
		12	72.1	13.0	86.0	15.6	99.9	18.4	107	19.8	114	21.3	128	24.2	142	27.3
		14	72.1	13.3	86.0	15.9	99.9	18.7	107	20.2	114	21.7	128	24.7	142	27.8
		16	72.1	13.5	86.0	16.2	99.9	19.1	107	20.6	114	22.1	128	25.2	142	28.4
		18	72.1	13.7	86.0	16.5	99.9	19.4	107	20.9	114	22.5	128	25.7	142	28.9
		20	72.1	14.0	86.0	16.8	99.9	19.8	107	21.4	114	22.9	128	26.6	142	31.0
		21	72.1	14.1	86.0	17.0	99.9	20.0	107	21.6	114	23.4	128	27.6	142	32.1
		23	72.1	14.3	86.0	17.3	99.9	21.0	107	23.0	114	25.1	128	29.5	142	34.4
		25	72.1	14.8	86.0	18.4	99.9	22.4	107	24.5	114	26.8	128	31.6	142	36.8
		27	72.1	15.7	86.0	19.6	99.9	23.9	107	26.2	114	28.6	128	33.8	142	39.4
		29	72.1	16.7	86.0	20.9	99.9	25.5	107	27.9	114	30.5	128	36.1	142	42.1
		31	72.1	17.8	86.0	22.2	99.9	27.1	107	29.8	114	32.6	128	38.5	142	43.8
		33	72.1	18.9	86.0	23.6	99.9	28.9	107	31.7	114	34.7	128	41.1	142	45.4
		35	72.1	20.0	86.0	25.1	99.9	30.7	107	33.8	114	37.0	128	43.8	140	47.1
		37	72.1	21.2	86.0	26.6	99.9	32.7	107	35.9	114	39.3	128	46.7	138	48.7
		39	72.1	22.5	86.0	28.2	99.9	34.7	107	38.2	114	41.9	127	49.1	129	50.0
70	840	10	63.1	11.3	75.2	13.4	87.4	15.6	93.5	16.8	99.5	18.0	112	20.4	124	23.0
		12	63.1	11.5	75.2	13.6	87.4	15.9	93.5	17.1	99.5	18.3	112	20.8	124	23.4
		14	63.1	11.6	75.2	13.8	87.4	16.2	93.5	17.4	99.5	18.6	112	21.2	124	23.9
		16	63.1	11.8	75.2	14.1	87.4	16.5	93.5	17.7	99.5	19.0	112	21.6	124	24.3
		18	63.1	12.0	75.2	14.3	87.4	16.8	93.5	18.0	99.5	19.4	112	22.0	124	24.8
		20	63.1	12.2	75.2	14.6	87.4	17.1	93.5	18.4	99.5	19.7	112	22.5	124	25.5
		21	63.1	12.3	75.2	14.7	87.4	17.3	93.5	18.6	99.5	19.9	112	22.8	124	26.4
		23	63.1	12.5	75.2	15.0	87.4	17.6	93.5	19.2	99.5	20.9	112	24.4	124	28.3
		25	63.1	12.8	75.2	15.6	87.4	18.8	93.5	20.5	99.5	22.3	112	26.1	124	30.3
		27	63.1	13.5	75.2	16.6	87.4	20.0	93.5	21.9	99.5	23.8	112	27.9	124	32.3
		29	63.1	14.3	75.2	17.6	87.4	21.3	93.5	23.3	99.5	25.3	112	29.8	124	34.5
		31	63.1	15.2	75.2	18.7	87.4	22.7	93.5	24.8	99.5	27.0	112	31.7	124	36.8
		33	63.1	16.1	75.2	19.9	87.4	24.1	93.5	26.4	99.5	28.7	112	33.8	124	39.3
		35	63.1	17.0	75.2	21.1	87.4	25.6	93.5	28.0	99.5	30.6	112	36.0	124	41.9
		37	63.1	18.0	75.2	22.4	87.4	27.2	93.5	29.8	99.5	32.5	112	38.3	124	44.6
		39	63.1	19.1	75.2	23.7	87.4	28.9	93.5	31.6	99.5	34.6	112	40.8	124	47.5
60	720	10	54.1	9.81	64.5	11.5	74.9	13.3	80.1	14.3	85.3	15.2	95.7	17.2	106	19.3
		12	54.1	9.95	64.5	11.7	74.9	13.5	80.1	14.5	85.3	15.5	95.7	17.5	106	19.7
		14	54.1	10.1	64.5	11.9	74.9	13.8	80.1	14.8	85.3	15.8	95.7	17.9	106	20.0
		16	54.1	10.2	64.5	12.1	74.9	14.0	80.1	15.0	85.3	16.1	95.7	18.2	106	20.4
		18	54.1	10.4	64.5	12.3	74.9	14.3	80.1	15.3	85.3	16.3	95.7	18.5	106	20.8
		20	54.1	10.6	64.5	12.5	74.9	14.5	80.1	15.6	85.3	16.7	95.7	18.9	106	21.2
		21	54.1	10.7	64.5	12.6	74.9	14.6	80.1	15.7	85.3	16.8	95.7	19.1	106	21.4
		23	54.1	10.8	64.5	12.8	74.9	14.9	80.1	16.0	85.3	17.1	95.7	19.8	106	22.8
		25	54.1	11.0	64.5	13.0	74.9	15.5	80.1	16.8	85.3	18.2	95.7	21.2	106	24.3
		27	54.1	11.4	64.5	13.8	74.9	16.5	80.1	17.9	85.3	19.4	95.7	22.6	106	26.0
		29	54.1	12.1	64.5	14.7	74.9	17.5	80.1	19.1	85.3	20.7	95.7	24.0	106	27.7
		31	54.1	12.8	64.5	15.6	74.9	18.6	80.1	20.3	85.3	22.0	95.7	25.6	106	29.5
		33	54.1	13.5	64.5	16.5	74.9	19.8	80.1	21.5	85.3	23.3	95.7	27.2	106	31.4
		35	54.1	14.3	64.5	17.5	74.9	21.0	80.1	22.8	85.3	24.8	95.7	29.0	106	33.5
		37	54.1	15.1	64.5	18.5	74.9	22.2	80.1	24.2	85.3	26.3	95.7	30.8	106	35.6
		39	54.1	16.0	64.5	19.6	74.9	23.6	80.1	25.7	85.3	28.0	95.7	32.7	106	37.9

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp. °CDB	Indoor Air Temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	600	10	45.0	8.44	53.7	9.76	62.4	11.2	66.8	11.9	71.1	12.7	79.8	14.2	88.5	15.8
		12	45.0	8.54	53.7	9.90	62.4	11.3	66.8	12.1	71.1	12.9	79.8	14.5	88.5	16.1
		14	45.0	8.66	53.7	10.0	62.4	11.5	66.8	12.3	71.1	13.1	79.8	14.7	88.5	16.4
		16	45.0	8.77	53.7	10.2	62.4	11.7	66.8	12.5	71.1	13.3	79.8	15.0	88.5	16.7
		18	45.0	8.90	53.7	10.3	62.4	11.9	66.8	12.7	71.1	13.5	79.8	15.2	88.5	17.0
		20	45.0	9.02	53.7	10.5	62.4	12.1	66.8	12.9	71.1	13.8	79.8	15.5	88.5	17.3
		21	45.0	9.09	53.7	10.6	62.4	12.2	66.8	13.0	71.1	13.9	79.8	15.6	88.5	17.5
		23	45.0	9.22	53.7	10.8	62.4	12.4	66.8	13.3	71.1	14.1	79.8	15.9	88.5	17.9
		25	45.0	9.37	53.7	10.9	62.4	12.6	66.8	13.5	71.1	14.6	79.8	16.7	88.5	19.1
		27	45.0	9.52	53.7	11.3	62.4	13.3	66.8	14.4	71.1	15.5	79.8	17.8	88.5	20.3
		29	45.0	10.1	53.7	12.0	62.4	14.1	66.8	15.3	71.1	16.5	79.8	19.0	88.5	21.6
		31	45.0	10.6	53.7	12.7	62.4	15.0	66.8	16.2	71.1	17.5	79.8	20.2	88.5	23.0
		33	45.0	11.2	53.7	13.5	62.4	15.9	66.8	17.2	71.1	18.5	79.8	21.4	88.5	24.5
		35	45.0	11.9	53.7	14.2	62.4	16.8	66.8	18.2	71.1	19.7	79.8	22.7	88.5	26.0
		37	45.0	12.5	53.7	15.0	62.4	17.8	66.8	19.3	71.1	20.8	79.8	24.1	88.5	27.6
		39	45.0	13.2	53.7	15.9	62.4	18.8	66.8	20.4	71.1	22.1	79.8	25.6	88.5	29.4

3.2 Heating Capacity

U-8ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	260	-19.8	-20.0	15.9	4.49	15.9	4.83	15.8	5.17	15.8	5.34	15.7	5.51	15.7	5.84
		-18.8	-19.0	16.4	4.68	16.3	5.00	16.3	5.33	16.2	5.49	16.2	5.66	16.1	5.99
		-16.7	-17.0	17.3	5.01	17.3	5.32	17.2	5.63	17.2	5.78	17.1	5.94	17.1	6.25
		-14.7	-15.0	18.3	5.31	18.2	5.60	18.1	5.90	18.1	6.04	18.1	6.19	18.0	6.48
		-12.6	-13.0	19.2	5.58	19.1	5.86	19.1	6.14	19.1	6.28	19.0	6.41	19.0	6.69
		-10.5	-11.0	20.1	5.83	20.1	6.09	20.0	6.35	20.0	6.49	20.0	6.62	19.9	6.88
		-9.5	-10.0	20.6	5.94	20.6	6.20	20.5	6.45	20.5	6.58	20.4	6.71	20.4	6.97
		-8.5	-9.1	21.0	6.04	21.0	6.29	20.9	6.54	20.9	6.67	20.9	6.79	20.8	7.05
		-7.0	-7.6	21.7	6.19	21.7	6.44	21.6	6.68	21.6	6.80	21.6	6.92	21.5	7.17
		-5.0	-5.6	22.7	6.38	22.6	6.62	22.6	6.85	22.5	6.97	22.5	7.08	22.5	7.32
		-3.0	-3.7	23.6	6.55	23.5	6.77	23.5	7.00	23.4	7.11	23.4	7.22	23.3	7.45
		0.0	-0.7	25.0	6.79	24.9	7.00	24.9	7.21	24.8	7.32	24.8	7.43	24.8	7.64
		3.0	2.2	26.4	7.00	26.3	7.20	26.2	7.40	26.2	7.50	26.2	7.60	26.1	7.80
		5.0	4.1	27.2	7.12	27.2	7.32	27.1	7.51	27.1	7.61	27.1	7.70	27.0	7.90
		7.0	6.0	28.1	7.24	28.1	7.43	28.0	7.62	28.0	7.71	28.0	7.80	27.9	7.99
		9.0	7.9	29.0	7.35	29.0	7.53	28.9	7.71	28.9	7.81	28.9	7.90	28.3	7.87
		11.0	9.8	29.9	7.46	29.9	7.63	29.8	7.81	29.8	7.90	29.8	7.98	28.3	7.58
		13.0	11.8	30.9	7.56	30.8	7.73	30.8	7.90	30.7	7.99	30.4	7.95	28.3	7.29
		15.0	13.7	31.8	7.65	31.7	7.82	31.6	7.98	31.5	8.00	30.4	7.68	28.3	7.05
120	240	-19.8	-20.0	15.8	4.95	15.8	5.26	15.7	5.57	15.7	5.73	15.7	5.88	15.6	6.20
		-18.8	-19.0	16.3	5.12	16.2	5.42	16.2	5.72	16.2	5.87	16.1	6.03	16.1	6.33
		-16.7	-17.0	17.2	5.43	17.2	5.71	17.1	6.00	17.1	6.14	17.1	6.28	17.0	6.57
		-14.7	-15.0	18.2	5.71	18.1	5.98	18.1	6.25	18.1	6.38	18.0	6.52	18.0	6.79
		-12.6	-13.0	19.1	5.96	19.1	6.21	19.0	6.47	19.0	6.60	19.0	6.72	18.9	6.98
		-10.5	-11.0	20.1	6.18	20.0	6.43	20.0	6.67	19.9	6.79	19.9	6.91	19.9	7.16
		-9.5	-10.0	20.5	6.29	20.5	6.53	20.4	6.76	20.4	6.88	20.4	7.00	20.3	7.24
		-8.5	-9.1	21.0	6.38	20.9	6.61	20.9	6.84	20.8	6.96	20.8	7.08	20.7	7.31
		-7.0	-7.6	21.7	6.52	21.6	6.75	21.6	6.97	21.5	7.08	21.5	7.20	21.5	7.42
		-5.0	-5.6	22.6	6.70	22.6	6.91	22.5	7.13	22.5	7.24	22.4	7.35	22.4	7.56
		-3.0	-3.7	23.5	6.85	23.4	7.06	23.4	7.27	23.4	7.37	23.3	7.48	23.3	7.68
		0.0	-0.7	24.9	7.08	24.9	7.27	24.8	7.47	24.8	7.56	24.8	7.66	24.7	7.86
		3.0	2.2	26.3	7.27	26.2	7.45	26.2	7.64	26.1	7.73	26.1	7.82	26.1	8.01
		5.0	4.1	27.2	7.39	27.1	7.56	27.1	7.74	27.0	7.83	27.0	7.92	26.1	7.72
		7.0	6.0	28.1	7.49	28.0	7.67	28.0	7.84	27.9	7.93	27.9	8.01	26.1	7.42
		9.0	7.9	29.0	7.60	28.9	7.76	28.9	7.93	28.8	8.02	28.1	7.78	26.1	7.14
		11.0	9.8	29.9	7.69	29.8	7.86	29.7	8.02	29.0	7.81	28.1	7.50	26.1	6.88
		13.0	11.8	30.8	7.79	30.7	7.95	30.0	7.82	29.0	7.52	28.1	7.22	26.1	6.63
		15.0	13.7	31.7	7.88	31.6	8.03	30.0	7.55	29.0	7.26	28.1	6.97	26.1	6.41
110	220	-19.8	-20.0	15.8	5.40	15.7	5.69	15.7	5.98	15.6	6.12	15.6	6.26	15.6	6.55
		-18.8	-19.0	16.2	5.56	16.2	5.84	16.1	6.12	16.1	6.25	16.1	6.39	16.0	6.67
		-16.7	-17.0	17.2	5.85	17.1	6.11	17.1	6.37	17.0	6.50	17.0	6.63	17.0	6.89
		-14.7	-15.0	18.1	6.10	18.1	6.35	18.0	6.60	18.0	6.72	18.0	6.84	17.9	7.09
		-12.6	-13.0	19.0	6.33	19.0	6.57	19.0	6.80	18.9	6.92	18.9	7.04	18.9	7.27
		-10.5	-11.0	20.0	6.54	19.9	6.76	19.9	6.99	19.9	7.10	19.8	7.21	19.8	7.43
		-9.5	-10.0	20.5	6.64	20.4	6.85	20.4	7.07	20.3	7.18	20.3	7.29	20.3	7.51
		-8.5	-9.1	20.9	6.72	20.8	6.93	20.8	7.15	20.8	7.25	20.7	7.36	20.7	7.57
		-7.0	-7.6	21.6	6.85	21.5	7.06	21.5	7.26	21.5	7.37	21.4	7.47	21.4	7.68
		-5.0	-5.6	22.5	7.01	22.5	7.21	22.4	7.41	22.4	7.51	22.4	7.61	22.3	7.80
		-3.0	-3.7	23.4	7.16	23.4	7.35	23.3	7.54	23.3	7.63	23.3	7.73	23.2	7.92
		0.0	-0.7	24.8	7.36	24.8	7.54	24.7	7.72	24.7	7.81	24.7	7.90	24.0	7.73
		3.0	2.2	26.2	7.54	26.1	7.71	26.1	7.88	26.1	7.96	25.7	7.89	24.0	7.24
		5.0	4.1	27.1	7.65	27.0	7.81	27.0	7.97	26.6	7.89	25.7	7.57	24.0	6.95
		7.0	6.0	28.0	7.75	27.9	7.91	27.5	7.89	26.6	7.58	25.7	7.28	24.0	6.69
		9.0	7.9	28.9	7.84	28.8	8.00	27.5	7.59	26.6	7.29	25.7	7.01	24.0	6.44
		11.0	9.8	29.8	7.93	29.3	7.89	27.5	7.31	26.6	7.03	25.7	6.75	24.0	6.21
		13.0	11.8	30.7	8.02	29.3	7.59	27.5	7.04	26.6	6.77	25.7	6.51	24.0	5.99
		15.0	13.7	31.0	7.87	29.3	7.33	27.5	6.80	26.6	6.55	25.7	6.29	24.0	5.80

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	200	-19.8	-20.0	15.7	5.86	15.6	6.12	15.6	6.38	15.6	6.51	15.5	6.64	15.5	6.90
		-18.8	-19.0	16.1	6.00	16.1	6.26	16.1	6.51	16.0	6.63	16.0	6.76	16.0	7.01
		-16.7	-17.0	17.1	6.26	17.0	6.50	17.0	6.74	17.0	6.86	17.0	6.98	16.9	7.21
		-14.7	-15.0	18.0	6.50	18.0	6.72	17.9	6.95	17.9	7.06	17.9	7.17	17.9	7.40
		-12.6	-13.0	19.0	6.71	18.9	6.92	18.9	7.13	18.9	7.24	18.8	7.35	18.8	7.56
		-10.5	-11.0	19.9	6.90	19.9	7.10	19.8	7.30	19.8	7.40	19.8	7.51	19.7	7.71
		-9.5	-10.0	20.4	6.98	20.3	7.18	20.3	7.38	20.3	7.48	20.2	7.58	20.2	7.78
		-8.5	-9.1	20.8	7.06	20.8	7.25	20.7	7.45	20.7	7.55	20.7	7.64	20.6	7.84
		-7.0	-7.6	21.5	7.18	21.5	7.37	21.4	7.56	21.4	7.65	21.4	7.74	21.3	7.93
		-5.0	-5.6	22.5	7.33	22.4	7.51	22.4	7.69	22.3	7.78	22.3	7.87	21.8	7.77
		-3.0	-3.7	23.3	7.46	23.3	7.63	23.3	7.81	23.2	7.89	23.2	7.98	21.8	7.41
		0.0	-0.7	24.8	7.65	24.7	7.81	24.7	7.97	24.2	7.82	23.4	7.51	21.8	6.89
		3.0	2.2	26.1	7.81	26.1	7.96	25.0	7.62	24.2	7.32	23.4	7.03	21.8	6.47
		5.0	4.1	27.0	7.91	26.6	7.89	25.0	7.31	24.2	7.03	23.4	6.75	21.8	6.21
		7.0	6.0	27.9	8.00	26.6	7.58	25.0	7.03	24.2	6.76	23.4	6.50	21.8	5.98
		9.0	7.9	28.2	7.83	26.6	7.29	25.0	6.77	24.2	6.51	23.4	6.26	21.8	5.77
		11.0	9.8	28.2	7.54	26.6	7.03	25.0	6.53	24.2	6.28	23.4	6.04	21.8	5.57
		13.0	11.8	28.2	7.26	26.6	6.77	25.0	6.29	24.2	6.06	23.4	5.83	21.8	5.37
		15.0	13.7	28.2	7.01	26.6	6.54	25.0	6.08	24.2	5.86	23.4	5.64	21.8	5.20
90	180	-19.8	-20.0	15.6	6.32	15.6	6.55	15.5	6.79	15.5	6.90	15.5	7.02	15.4	7.25
		-18.8	-19.0	16.1	6.45	16.0	6.67	16.0	6.90	16.0	7.01	16.0	7.13	15.9	7.35
		-16.7	-17.0	17.0	6.68	17.0	6.90	16.9	7.11	16.9	7.22	16.9	7.32	16.9	7.54
		-14.7	-15.0	18.0	6.89	17.9	7.09	17.9	7.30	17.9	7.40	17.8	7.50	17.8	7.70
		-12.6	-13.0	18.9	7.08	18.9	7.27	18.8	7.47	18.8	7.56	18.8	7.66	18.7	7.85
		-10.5	-11.0	19.8	7.25	19.8	7.44	19.8	7.62	19.7	7.71	19.7	7.80	19.6	7.94
		-9.5	-10.0	20.3	7.33	20.3	7.51	20.2	7.69	20.2	7.78	20.2	7.87	19.6	7.71
		-8.5	-9.1	20.7	7.40	20.7	7.58	20.6	7.75	20.6	7.84	20.6	7.93	19.6	7.52
		-7.0	-7.6	21.4	7.51	21.4	7.68	21.4	7.85	21.3	7.93	21.1	7.86	19.6	7.21
		-5.0	-5.6	22.4	7.65	22.3	7.81	22.3	7.97	21.8	7.77	21.1	7.46	19.6	6.85
		-3.0	-3.7	23.3	7.76	23.2	7.92	22.5	7.70	21.8	7.40	21.1	7.11	19.6	6.53
		0.0	-0.7	24.7	7.93	23.9	7.73	22.5	7.16	21.8	6.89	21.1	6.62	19.6	6.09
		3.0	2.2	25.4	7.77	23.9	7.23	22.5	6.72	21.8	6.46	21.1	6.21	19.6	5.72
		5.0	4.1	25.4	7.45	23.9	6.94	22.5	6.45	21.8	6.21	21.1	5.97	19.6	5.50
		7.0	6.0	25.4	7.16	23.9	6.68	22.5	6.21	21.8	5.98	21.1	5.75	19.6	5.30
		9.0	7.9	25.4	6.89	23.9	6.43	22.5	5.98	21.8	5.76	21.1	5.55	19.6	5.12
		11.0	9.8	25.4	6.65	23.9	6.21	22.5	5.78	21.8	5.56	21.1	5.36	19.6	4.95
		13.0	11.8	25.4	6.41	23.9	5.99	22.5	5.57	21.8	5.37	21.1	5.17	19.6	4.78
		15.0	13.7	25.4	6.20	23.9	5.79	22.5	5.39	21.8	5.20	21.1	5.01	19.6	4.63
80	160	-19.8	-20.0	15.5	6.77	15.5	6.98	15.5	7.19	15.4	7.29	15.4	7.40	15.4	7.61
		-18.8	-19.0	16.0	6.89	16.0	7.09	15.9	7.29	15.9	7.39	15.9	7.49	15.9	7.70
		-16.7	-17.0	16.9	7.10	16.9	7.29	16.9	7.48	16.8	7.57	16.8	7.67	16.8	7.86
		-14.7	-15.0	17.9	7.29	17.8	7.47	17.8	7.65	17.8	7.74	17.8	7.83	17.4	7.79
		-12.6	-13.0	18.8	7.46	18.8	7.63	18.7	7.80	18.7	7.88	18.7	7.97	17.4	7.31
		-10.5	-11.0	19.8	7.61	19.7	7.77	19.7	7.93	19.4	7.82	18.7	7.50	17.4	6.89
		-9.5	-10.0	20.2	7.68	20.2	7.84	20.0	7.90	19.4	7.59	18.7	7.29	17.4	6.69
		-8.5	-9.1	20.7	7.74	20.6	7.90	20.0	7.70	19.4	7.40	18.7	7.11	17.4	6.53
		-7.0	-7.6	21.4	7.84	21.3	7.97	20.0	7.39	19.4	7.10	18.7	6.82	17.4	6.27
		-5.0	-5.6	22.3	7.96	21.3	7.56	20.0	7.01	19.4	6.74	18.7	6.48	17.4	5.96
		-3.0	-3.7	22.6	7.73	21.3	7.20	20.0	6.69	19.4	6.43	18.7	6.18	17.4	5.70
		0.0	-0.7	22.6	7.19	21.3	6.71	20.0	6.23	19.4	6.00	18.7	5.77	17.4	5.32
		3.0	2.2	22.6	6.74	21.3	6.29	20.0	5.85	19.4	5.64	18.7	5.43	17.4	5.01
		5.0	4.1	22.6	6.47	21.3	6.05	20.0	5.63	19.4	5.43	18.7	5.22	17.4	4.83
		7.0	6.0	22.6	6.23	21.3	5.82	20.0	5.42	19.4	5.23	18.7	5.04	17.4	4.66
		9.0	7.9	22.6	6.01	21.3	5.61	20.0	5.23	19.4	5.05	18.7	4.86	17.4	4.50
		11.0	9.8	22.6	5.80	21.3	5.42	20.0	5.06	19.4	4.88	18.7	4.70	17.4	4.35
		13.0	11.8	22.6	5.59	21.3	5.24	20.0	4.89	19.4	4.71	18.7	4.54	17.4	4.21
		15.0	13.7	22.6	5.41	21.3	5.07	20.0	4.73	19.4	4.57	18.7	4.40	17.4	4.08

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	140	-19.8	-20.0	15.4	7.23	15.4	7.41	15.4	7.60	15.4	7.69	15.4	7.78	15.3	7.90
		-18.8	-19.0	15.9	7.33	15.9	7.51	15.9	7.68	15.8	7.77	15.8	7.86	15.3	7.61
		-16.7	-17.0	16.9	7.52	16.8	7.68	16.8	7.85	16.8	7.93	16.4	7.73	15.3	7.09
		-14.7	-15.0	17.8	7.68	17.8	7.84	17.5	7.83	16.9	7.52	16.4	7.22	15.3	6.64
		-12.6	-13.0	18.7	7.83	18.6	7.92	17.5	7.35	16.9	7.06	16.4	6.78	15.3	6.24
		-10.5	-11.0	19.7	7.97	18.6	7.46	17.5	6.92	16.9	6.66	16.4	6.40	15.3	5.89
		-9.5	-10.0	19.7	7.78	18.6	7.25	17.5	6.73	16.9	6.47	16.4	6.22	15.3	5.73
		-8.5	-9.1	19.7	7.58	18.6	7.06	17.5	6.56	16.9	6.31	16.4	6.07	15.3	5.59
		-7.0	-7.6	19.7	7.28	18.6	6.78	17.5	6.30	16.9	6.07	16.4	5.84	15.3	5.38
		-5.0	-5.6	19.7	6.90	18.6	6.44	17.5	5.99	16.9	5.77	16.4	5.55	15.3	5.12
		-3.0	-3.7	19.7	6.59	18.6	6.15	17.5	5.72	16.9	5.51	16.4	5.31	15.3	4.90
		0.0	-0.7	19.7	6.14	18.6	5.74	17.5	5.35	16.9	5.16	16.4	4.97	15.3	4.59
		3.0	2.2	19.7	5.77	18.6	5.40	17.5	5.03	16.9	4.86	16.4	4.68	15.3	4.33
		5.0	4.1	19.7	5.55	18.6	5.19	17.5	4.85	16.9	4.68	16.4	4.51	15.3	4.18
		7.0	6.0	19.7	5.35	18.6	5.01	17.5	4.68	16.9	4.51	16.4	4.35	15.3	4.04
		9.0	7.9	19.7	5.16	18.6	4.84	17.5	4.52	16.9	4.36	16.4	4.21	15.3	3.90
		11.0	9.8	19.7	4.99	18.6	4.68	17.5	4.37	16.9	4.22	16.4	4.07	15.3	3.78
		13.0	11.8	19.7	4.82	18.6	4.52	17.5	4.23	16.9	4.08	16.4	3.94	15.3	3.66
		15.0	13.7	19.7	4.67	18.6	4.38	17.5	4.10	16.9	3.96	16.4	3.83	15.3	3.56
60	120	-19.8	-20.0	15.4	7.69	15.3	7.84	15.0	7.74	14.5	7.44	14.0	7.14	13.1	6.56
		-18.8	-19.0	15.8	7.77	15.8	7.93	15.0	7.46	14.5	7.17	14.0	6.89	13.1	6.33
		-16.7	-17.0	16.8	7.93	16.0	7.49	15.0	6.95	14.5	6.68	14.0	6.42	13.1	5.91
		-14.7	-15.0	16.9	7.52	16.0	7.01	15.0	6.51	14.5	6.26	14.0	6.02	13.1	5.55
		-12.6	-13.0	16.9	7.06	16.0	6.58	15.0	6.12	14.5	5.89	14.0	5.67	13.1	5.23
		-10.5	-11.0	16.9	6.65	16.0	6.21	15.0	5.78	14.5	5.57	14.0	5.36	13.1	4.95
		-9.5	-10.0	16.9	6.47	16.0	6.04	15.0	5.62	14.5	5.42	14.0	5.22	13.1	4.82
		-8.5	-9.1	16.9	6.31	16.0	5.89	15.0	5.49	14.5	5.29	14.0	5.09	13.1	4.71
		-7.0	-7.6	16.9	6.06	16.0	5.67	15.0	5.28	14.5	5.09	14.0	4.91	13.1	4.54
		-5.0	-5.6	16.9	5.77	16.0	5.39	15.0	5.03	14.5	4.85	14.0	4.68	13.1	4.33
		-3.0	-3.7	16.9	5.51	16.0	5.16	15.0	4.81	14.5	4.65	14.0	4.48	13.1	4.15
		0.0	-0.7	16.9	5.15	16.0	4.83	15.0	4.51	14.5	4.36	14.0	4.20	13.1	3.90
		3.0	2.2	16.9	4.85	16.0	4.55	15.0	4.26	14.5	4.11	14.0	3.97	13.1	3.69
		5.0	4.1	16.9	4.67	16.0	4.39	15.0	4.11	14.5	3.97	14.0	3.83	13.1	3.56
		7.0	6.0	16.9	4.51	16.0	4.24	15.0	3.97	14.5	3.83	14.0	3.70	13.1	3.44
		9.0	7.9	16.9	4.36	16.0	4.10	15.0	3.84	14.5	3.71	14.0	3.58	13.1	3.34
		11.0	9.8	16.9	4.22	16.0	3.97	15.0	3.72	14.5	3.60	14.0	3.48	13.1	3.24
		13.0	11.8	16.9	4.08	16.0	3.84	15.0	3.60	14.5	3.48	14.0	3.37	13.1	3.14
		15.0	13.7	16.9	3.96	16.0	3.73	15.0	3.50	14.5	3.38	14.0	3.27	13.1	3.05
50	100	-19.8	-20.0	14.1	7.19	13.3	6.70	12.5	6.23	12.1	6.00	11.7	5.77	10.9	5.32
		-18.8	-19.0	14.1	6.93	13.3	6.46	12.5	6.01	12.1	5.79	11.7	5.57	10.9	5.14
		-16.7	-17.0	14.1	6.46	13.3	6.03	12.5	5.62	12.1	5.41	11.7	5.21	10.9	4.81
		-14.7	-15.0	14.1	6.06	13.3	5.66	12.5	5.28	12.1	5.09	11.7	4.90	10.9	4.53
		-12.6	-13.0	14.1	5.70	13.3	5.33	12.5	4.98	12.1	4.80	11.7	4.63	10.9	4.28
		-10.5	-11.0	14.1	5.39	13.3	5.05	12.5	4.71	12.1	4.55	11.7	4.38	10.9	4.06
		-9.5	-10.0	14.1	5.25	13.3	4.91	12.5	4.59	12.1	4.43	11.7	4.27	10.9	3.96
		-8.5	-9.1	14.1	5.12	13.3	4.80	12.5	4.49	12.1	4.33	11.7	4.18	10.9	3.88
		-7.0	-7.6	14.1	4.93	13.3	4.63	12.5	4.32	12.1	4.18	11.7	4.03	10.9	3.74
		-5.0	-5.6	14.1	4.70	13.3	4.41	12.5	4.13	12.1	3.99	11.7	3.85	10.9	3.58
		-3.0	-3.7	14.1	4.50	13.3	4.23	12.5	3.96	12.1	3.83	11.7	3.70	10.9	3.44
		0.0	-0.7	14.1	4.22	13.3	3.97	12.5	3.72	12.1	3.60	11.7	3.48	10.9	3.24
		3.0	2.2	14.1	3.99	13.3	3.75	12.5	3.52	12.1	3.41	11.7	3.29	10.9	3.07
		5.0	4.1	14.1	3.85	13.3	3.62	12.5	3.40	12.1	3.29	11.7	3.19	10.9	2.97
		7.0	6.0	14.1	3.72	13.3	3.51	12.5	3.29	12.1	3.19	11.7	3.09	10.9	2.88
		9.0	7.9	14.1	3.60	13.3	3.40	12.5	3.19	12.1	3.09	11.7	2.99	10.9	2.80
		11.0	9.8	14.1	3.49	13.3	3.29	12.5	3.10	12.1	3.00	11.7	2.91	10.9	2.72
		13.0	11.8	14.1	3.38	13.3	3.19	12.5	3.01	12.1	2.91	11.7	2.82	10.9	2.64
		15.0	13.7	14.1	3.29	13.3	3.11	12.5	2.92	12.1	2.83	11.7	2.75	10.9	2.57

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

U-10ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	325	-19.8	-20.0	18.9	5.07	18.8	5.53	18.7	5.98	18.7	6.21	18.7	6.44	18.6	6.90
		-18.8	-19.0	19.5	5.32	19.4	5.76	19.3	6.20	19.3	6.42	19.2	6.64	19.2	7.09
		-16.7	-17.0	20.6	5.77	20.5	6.19	20.4	6.60	20.4	6.81	20.3	7.02	20.3	7.44
		-14.7	-15.0	21.7	6.17	21.6	6.57	21.5	6.96	21.5	7.16	21.5	7.36	21.4	7.75
		-12.6	-13.0	22.8	6.54	22.7	6.91	22.6	7.29	22.6	7.48	22.6	7.66	22.5	8.04
		-10.5	-11.0	23.9	6.87	23.8	7.22	23.8	7.58	23.7	7.76	23.7	7.94	23.6	8.30
		-9.5	-10.0	24.5	7.02	24.4	7.37	24.3	7.72	24.3	7.89	24.2	8.07	24.2	8.41
		-8.5	-9.1	25.0	7.15	24.9	7.49	24.8	7.83	24.8	8.01	24.7	8.18	24.7	8.52
		-7.0	-7.6	25.8	7.36	25.7	7.69	25.6	8.02	25.6	8.19	25.6	8.35	25.5	8.68
		-5.0	-5.6	26.9	7.62	26.8	7.93	26.8	8.25	26.7	8.41	26.7	8.57	26.6	8.88
		-3.0	-3.7	28.0	7.84	27.9	8.15	27.8	8.45	27.8	8.60	27.7	8.75	27.7	9.06
		0.0	-0.7	29.6	8.17	29.6	8.45	29.5	8.74	29.5	8.88	29.4	9.02	29.3	9.31
		3.0	2.2	31.2	8.45	31.2	8.72	31.1	8.99	31.1	9.12	31.0	9.26	31.0	9.53
		5.0	4.1	32.3	8.62	32.2	8.88	32.2	9.14	32.1	9.27	32.1	9.40	32.0	9.66
		7.0	6.0	33.4	8.77	33.3	9.03	33.2	9.28	33.2	9.41	33.1	9.53	33.1	9.79
		9.0	7.9	34.4	8.92	34.3	9.17	34.3	9.41	34.2	9.54	34.2	9.66	34.1	9.90
		11.0	9.8	35.5	9.06	35.4	9.30	35.3	9.54	35.3	9.66	35.3	9.78	35.2	10.0
		13.0	11.8	36.6	9.20	36.5	9.43	36.4	9.66	36.4	9.78	36.4	9.89	35.7	9.86
		15.0	13.7	37.6	9.33	37.6	9.55	37.5	9.77	37.5	9.89	37.4	10.0	35.7	9.52
120	300	-19.8	-20.0	18.8	5.69	18.7	6.11	18.7	6.53	18.6	6.74	18.6	6.95	18.5	7.37
		-18.8	-19.0	19.4	5.91	19.3	6.32	19.2	6.73	19.2	6.94	19.2	7.14	19.1	7.55
		-16.7	-17.0	20.5	6.33	20.4	6.72	20.3	7.10	20.3	7.30	20.3	7.49	20.2	7.88
		-14.7	-15.0	21.6	6.71	21.5	7.07	21.4	7.44	21.4	7.62	21.4	7.80	21.3	8.17
		-12.6	-13.0	22.7	7.04	22.6	7.39	22.6	7.74	22.5	7.91	22.5	8.08	22.4	8.43
		-10.5	-11.0	23.8	7.35	23.7	7.68	23.7	8.01	23.6	8.17	23.6	8.34	23.5	8.67
		-9.5	-10.0	24.4	7.49	24.3	7.81	24.2	8.13	24.2	8.30	24.2	8.46	24.1	8.78
		-8.5	-9.1	24.9	7.61	24.8	7.93	24.7	8.24	24.7	8.40	24.7	8.56	24.6	8.87
		-7.0	-7.6	25.7	7.81	25.6	8.11	25.6	8.42	25.5	8.57	25.5	8.72	25.4	9.02
		-5.0	-5.6	26.8	8.04	26.7	8.34	26.7	8.63	26.6	8.77	26.6	8.92	26.5	9.21
		-3.0	-3.7	27.9	8.25	27.8	8.53	27.7	8.81	27.7	8.95	27.7	9.09	27.6	9.37
		0.0	-0.7	29.5	8.55	29.5	8.82	29.4	9.08	29.4	9.21	29.3	9.35	29.3	9.61
		3.0	2.2	31.1	8.81	31.1	9.06	31.0	9.31	31.0	9.44	31.0	9.56	30.9	9.81
		5.0	4.1	32.2	8.97	32.1	9.21	32.1	9.45	32.0	9.57	32.0	9.69	31.9	9.94
		7.0	6.0	33.3	9.12	33.2	9.35	33.1	9.58	33.1	9.70	33.1	9.82	32.9	10.0
		9.0	7.9	34.3	9.25	34.3	9.48	34.2	9.71	34.2	9.82	34.1	9.93	32.9	9.65
		11.0	9.8	35.4	9.38	35.3	9.60	35.2	9.82	35.2	9.93	35.2	10.0	32.9	9.30
		13.0	11.8	36.5	9.51	36.4	9.73	36.4	9.94	36.3	10.0	35.4	9.75	32.9	8.96
		15.0	13.7	37.5	9.63	37.5	9.84	37.4	10.0	36.6	9.81	35.4	9.42	32.9	8.66
110	275	-19.8	-20.0	18.7	6.30	18.6	6.69	18.6	7.08	18.5	7.27	18.5	7.46	18.5	7.85
		-18.8	-19.0	19.3	6.51	19.2	6.89	19.1	7.26	19.1	7.45	19.1	7.64	19.0	8.01
		-16.7	-17.0	20.4	6.90	20.3	7.25	20.2	7.60	20.2	7.78	20.2	7.96	20.1	8.31
		-14.7	-15.0	21.5	7.24	21.4	7.58	21.4	7.91	21.3	8.08	21.3	8.25	21.2	8.58
		-12.6	-13.0	22.6	7.55	22.5	7.87	22.5	8.19	22.4	8.35	22.4	8.50	22.4	8.82
		-10.5	-11.0	23.7	7.83	23.6	8.13	23.6	8.44	23.6	8.59	23.5	8.74	23.5	9.04
		-9.5	-10.0	24.3	7.96	24.2	8.26	24.1	8.55	24.1	8.70	24.1	8.85	24.0	9.14
		-8.5	-9.1	24.8	8.07	24.7	8.36	24.6	8.65	24.6	8.80	24.6	8.94	24.5	9.23
		-7.0	-7.6	25.6	8.25	25.5	8.53	25.5	8.81	25.4	8.95	25.4	9.09	25.4	9.37
		-5.0	-5.6	26.7	8.47	26.7	8.74	26.6	9.01	26.6	9.14	26.5	9.27	26.5	9.54
		-3.0	-3.7	27.8	8.66	27.7	8.92	27.6	9.18	27.6	9.31	27.6	9.43	27.5	9.69
		0.0	-0.7	29.4	8.94	29.4	9.18	29.3	9.42	29.3	9.54	29.3	9.67	29.2	9.91
		3.0	2.2	31.1	9.18	31.0	9.41	30.9	9.64	30.9	9.75	30.9	9.87	30.2	9.78
		5.0	4.1	32.1	9.32	32.0	9.54	32.0	9.77	32.0	9.88	31.9	9.99	30.2	9.39
		7.0	6.0	33.2	9.46	33.1	9.67	33.0	9.89	33.0	9.99	32.4	9.83	30.2	9.03
		9.0	7.9	34.2	9.59	34.2	9.79	34.1	10.0	33.5	9.86	32.4	9.47	30.2	8.70
		11.0	9.8	35.3	9.71	35.2	9.91	34.7	9.88	33.5	9.50	32.4	9.13	30.2	8.40
		13.0	11.8	36.4	9.82	36.3	10.0	34.7	9.52	33.5	9.15	32.4	8.80	30.2	8.10
		15.0	13.7	37.5	9.93	36.9	9.90	34.7	9.19	33.5	8.85	32.4	8.50	30.2	7.83

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	250	-19.8	-20.0	18.6	6.92	18.5	7.27	18.5	7.62	18.5	7.80	18.4	7.97	18.4	8.32
		-18.8	-19.0	19.2	7.11	19.1	7.45	19.0	7.79	19.0	7.96	19.0	8.13	18.9	8.47
		-16.7	-17.0	20.3	7.46	20.2	7.78	20.2	8.10	20.1	8.27	20.1	8.43	20.0	8.75
		-14.7	-15.0	21.4	7.78	21.3	8.08	21.3	8.38	21.2	8.54	21.2	8.69	21.2	8.99
		-12.6	-13.0	22.5	8.06	22.4	8.35	22.4	8.64	22.4	8.78	22.3	8.92	22.3	9.21
		-10.5	-11.0	23.6	8.31	23.6	8.59	23.5	8.86	23.5	9.00	23.4	9.14	23.4	9.41
		-9.5	-10.0	24.2	8.43	24.1	8.70	24.1	8.97	24.0	9.10	24.0	9.24	23.9	9.51
		-8.5	-9.1	24.7	8.54	24.6	8.80	24.6	9.06	24.5	9.19	24.5	9.32	24.4	9.59
		-7.0	-7.6	25.5	8.70	25.4	8.95	25.4	9.20	25.4	9.33	25.3	9.46	25.3	9.71
		-5.0	-5.6	26.6	8.90	26.6	9.14	26.5	9.38	26.5	9.51	26.4	9.63	26.4	9.87
		-3.0	-3.7	27.7	9.07	27.6	9.31	27.6	9.54	27.5	9.66	27.5	9.77	27.5	10.0
		0.0	-0.7	29.3	9.33	29.3	9.55	29.2	9.77	29.2	9.88	29.2	9.99	27.5	9.32
		3.0	2.2	31.0	9.54	30.9	9.75	30.8	9.96	30.5	9.90	29.5	9.51	27.5	8.74
		5.0	4.1	32.0	9.68	32.0	9.88	31.5	9.88	30.5	9.50	29.5	9.13	27.5	8.40
		7.0	6.0	33.1	9.80	33.0	10.00	31.5	9.50	30.5	9.14	29.5	8.78	27.5	8.08
		9.0	7.9	34.1	9.92	33.5	9.85	31.5	9.15	30.5	8.80	29.5	8.46	27.5	7.79
		11.0	9.8	35.2	10.0	33.5	9.50	31.5	8.82	30.5	8.49	29.5	8.16	27.5	7.52
		13.0	11.8	35.5	9.81	33.5	9.15	31.5	8.50	30.5	8.19	29.5	7.87	27.5	7.26
		15.0	13.7	35.5	9.48	33.5	8.84	31.5	8.22	30.5	7.92	29.5	7.62	27.5	7.03
90	225	-19.8	-20.0	18.5	7.54	18.5	7.85	18.4	8.17	18.4	8.33	18.4	8.48	18.3	8.80
		-18.8	-19.0	19.1	7.71	19.0	8.02	19.0	8.32	18.9	8.48	18.9	8.63	18.9	8.94
		-16.7	-17.0	20.2	8.03	20.1	8.32	20.1	8.60	20.0	8.75	20.0	8.89	20.0	9.18
		-14.7	-15.0	21.3	8.31	21.2	8.58	21.2	8.86	21.2	8.99	21.1	9.13	21.1	9.40
		-12.6	-13.0	22.4	8.56	22.3	8.82	22.3	9.08	22.3	9.21	22.2	9.34	22.2	9.60
		-10.5	-11.0	23.5	8.80	23.5	9.04	23.4	9.29	23.4	9.41	23.4	9.54	23.3	9.78
		-9.5	-10.0	24.1	8.90	24.0	9.15	24.0	9.39	23.9	9.51	23.9	9.63	23.9	9.87
		-8.5	-9.1	24.6	9.00	24.5	9.23	24.5	9.47	24.4	9.59	24.4	9.71	24.4	9.94
		-7.0	-7.6	25.4	9.14	25.4	9.37	25.3	9.60	25.3	9.71	25.3	9.83	24.7	9.75
		-5.0	-5.6	26.5	9.32	26.5	9.54	26.4	9.76	26.4	9.87	26.4	9.98	24.7	9.25
		-3.0	-3.7	27.6	9.48	27.5	9.69	27.5	9.90	27.4	10.0	26.5	9.60	24.7	8.83
		0.0	-0.7	29.2	9.71	29.2	9.91	28.4	9.68	27.4	9.31	26.5	8.95	24.7	8.23
		3.0	2.2	30.9	9.91	30.2	9.77	28.4	9.07	27.4	8.73	26.5	8.39	24.7	7.73
		5.0	4.1	31.9	10.0	30.2	9.38	28.4	8.72	27.4	8.39	26.5	8.07	24.7	7.44
		7.0	6.0	32.0	9.68	30.2	9.03	28.4	8.39	27.4	8.08	26.5	7.77	24.7	7.17
		9.0	7.9	32.0	9.32	30.2	8.69	28.4	8.09	27.4	7.79	26.5	7.49	24.7	6.92
		11.0	9.8	32.0	8.98	30.2	8.39	28.4	7.81	27.4	7.52	26.5	7.24	24.7	6.69
		13.0	11.8	32.0	8.66	30.2	8.09	28.4	7.53	27.4	7.26	26.5	6.99	24.7	6.46
		15.0	13.7	32.0	8.37	30.2	7.82	28.4	7.29	27.4	7.03	26.5	6.77	24.7	6.26
80	200	-19.8	-20.0	18.4	8.15	18.4	8.43	18.3	8.72	18.3	8.86	18.3	9.00	18.2	9.28
		-18.8	-19.0	19.0	8.31	18.9	8.58	18.9	8.85	18.9	8.99	18.8	9.13	18.8	9.40
		-16.7	-17.0	20.1	8.59	20.0	8.85	20.0	9.10	20.0	9.23	19.9	9.36	19.9	9.62
		-14.7	-15.0	21.2	8.84	21.1	9.09	21.1	9.33	21.1	9.45	21.1	9.57	21.0	9.82
		-12.6	-13.0	22.3	9.07	22.3	9.30	22.2	9.53	22.2	9.65	22.2	9.76	22.0	9.88
		-10.5	-11.0	23.4	9.28	23.4	9.50	23.3	9.72	23.3	9.83	23.3	9.94	22.0	9.31
		-9.5	-10.0	24.0	9.37	23.9	9.59	23.9	9.80	23.9	9.91	23.6	9.85	22.0	9.05
		-8.5	-9.1	24.5	9.46	24.4	9.67	24.4	9.88	24.4	9.98	23.6	9.60	22.0	8.82
		-7.0	-7.6	25.3	9.59	25.3	9.79	25.2	9.98	24.4	9.60	23.6	9.22	22.0	8.48
		-5.0	-5.6	26.4	9.75	26.4	9.95	25.2	9.47	24.4	9.11	23.6	8.75	22.0	8.06
		-3.0	-3.7	27.5	9.89	26.8	9.73	25.2	9.03	24.4	8.69	23.6	8.36	22.0	7.70
		0.0	-0.7	28.4	9.72	26.8	9.06	25.2	8.42	24.4	8.11	23.6	7.80	22.0	7.20
		3.0	2.2	28.4	9.11	26.8	8.50	25.2	7.91	24.4	7.62	23.6	7.33	22.0	6.77
		5.0	4.1	28.4	8.75	26.8	8.17	25.2	7.61	24.4	7.33	23.6	7.06	22.0	6.52
		7.0	6.0	28.4	8.42	26.8	7.87	25.2	7.33	24.4	7.07	23.6	6.80	22.0	6.29
		9.0	7.9	28.4	8.12	26.8	7.59	25.2	7.07	24.4	6.82	23.6	6.57	22.0	6.08
		11.0	9.8	28.4	7.83	26.8	7.33	25.2	6.83	24.4	6.59	23.6	6.35	22.0	5.88
		13.0	11.8	28.4	7.56	26.8	7.07	25.2	6.60	24.4	6.37	23.6	6.14	22.0	5.69
		15.0	13.7	28.4	7.32	26.8	6.85	25.2	6.40	24.4	6.17	23.6	5.95	22.0	5.52

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	175	-19.8	-20.0	18.3	8.77	18.3	9.02	18.2	9.26	18.2	9.39	18.2	9.51	18.2	9.75
		-18.8	-19.0	18.9	8.91	18.8	9.14	18.8	9.38	18.8	9.50	18.7	9.62	18.7	9.86
		-16.7	-17.0	20.0	9.15	19.9	9.38	19.9	9.60	19.9	9.72	19.9	9.83	19.2	9.58
		-14.7	-15.0	21.1	9.38	21.1	9.59	21.0	9.80	21.0	9.91	20.6	9.76	19.2	8.97
		-12.6	-13.0	22.2	9.58	22.2	9.78	22.1	9.93	21.3	9.55	20.6	9.17	19.2	8.43
		-10.5	-11.0	23.3	9.76	23.3	9.95	22.1	9.35	21.3	9.00	20.6	8.65	19.2	7.96
		-9.5	-10.0	23.9	9.85	23.5	9.79	22.1	9.09	21.3	8.75	20.6	8.41	19.2	7.74
		-8.5	-9.1	24.4	9.92	23.5	9.55	22.1	8.87	21.3	8.53	20.6	8.20	19.2	7.56
		-7.0	-7.6	24.9	9.83	23.5	9.17	22.1	8.52	21.3	8.20	20.6	7.89	19.2	7.27
		-5.0	-5.6	24.9	9.33	23.5	8.71	22.1	8.10	21.3	7.80	20.6	7.50	19.2	6.92
		-3.0	-3.7	24.9	8.90	23.5	8.31	22.1	7.73	21.3	7.45	20.6	7.17	19.2	6.63
		0.0	-0.7	24.9	8.30	23.5	7.76	22.1	7.23	21.3	6.97	20.6	6.71	19.2	6.21
		3.0	2.2	24.9	7.80	23.5	7.29	22.1	6.80	21.3	6.56	20.6	6.32	19.2	5.85
		5.0	4.1	24.9	7.50	23.5	7.02	22.1	6.55	21.3	6.32	20.6	6.09	19.2	5.65
		7.0	6.0	24.9	7.23	23.5	6.77	22.1	6.32	21.3	6.10	20.6	5.88	19.2	5.45
		9.0	7.9	24.9	6.97	23.5	6.53	22.1	6.11	21.3	5.90	20.6	5.69	19.2	5.28
		11.0	9.8	24.9	6.74	23.5	6.32	22.1	5.91	21.3	5.71	20.6	5.50	19.2	5.11
		13.0	11.8	24.9	6.51	23.5	6.11	22.1	5.71	21.3	5.52	20.6	5.33	19.2	4.95
		15.0	13.7	24.9	6.31	23.5	5.92	22.1	5.54	21.3	5.36	20.6	5.17	19.2	4.81
60	150	-19.8	-20.0	18.2	9.39	18.2	9.60	18.1	9.81	18.1	9.91	17.7	9.65	16.5	8.87
		-18.8	-19.0	18.8	9.50	18.7	9.71	18.7	9.91	18.3	9.69	17.7	9.31	16.5	8.55
		-16.7	-17.0	19.9	9.72	19.8	9.91	18.9	9.39	18.3	9.03	17.7	8.68	16.5	7.99
		-14.7	-15.0	21.0	9.91	20.1	9.47	18.9	8.79	18.3	8.46	17.7	8.14	16.5	7.50
		-12.6	-13.0	21.3	9.54	20.1	8.90	18.9	8.27	18.3	7.96	17.7	7.66	16.5	7.07
		-10.5	-11.0	21.3	8.99	20.1	8.39	18.9	7.81	18.3	7.52	17.7	7.24	16.5	6.69
		-9.5	-10.0	21.3	8.74	20.1	8.16	18.9	7.60	18.3	7.32	17.7	7.05	16.5	6.51
		-8.5	-9.1	21.3	8.53	20.1	7.97	18.9	7.42	18.3	7.15	17.7	6.88	16.5	6.36
		-7.0	-7.6	21.3	8.19	20.1	7.66	18.9	7.14	18.3	6.88	17.7	6.63	16.5	6.13
		-5.0	-5.6	21.3	7.79	20.1	7.29	18.9	6.80	18.3	6.56	17.7	6.32	16.5	5.85
		-3.0	-3.7	21.3	7.45	20.1	6.97	18.9	6.51	18.3	6.28	17.7	6.05	16.5	5.61
		0.0	-0.7	21.3	6.96	20.1	6.53	18.9	6.10	18.3	5.89	17.7	5.68	16.5	5.27
		3.0	2.2	21.3	6.56	20.1	6.15	18.9	5.75	18.3	5.56	17.7	5.36	16.5	4.98
		5.0	4.1	21.3	6.32	20.1	5.93	18.9	5.55	18.3	5.36	17.7	5.18	16.5	4.81
		7.0	6.0	21.3	6.10	20.1	5.72	18.9	5.36	18.3	5.18	17.7	5.00	16.5	4.65
		9.0	7.9	21.3	5.89	20.1	5.54	18.9	5.19	18.3	5.01	17.7	4.84	16.5	4.51
		11.0	9.8	21.3	5.70	20.1	5.36	18.9	5.02	18.3	4.86	17.7	4.70	16.5	4.37
		13.0	11.8	21.3	5.52	20.1	5.19	18.9	4.87	18.3	4.71	17.7	4.55	16.5	4.24
		15.0	13.7	21.3	5.35	20.1	5.04	18.9	4.73	18.3	4.57	17.7	4.42	16.5	4.13
50	125	-19.8	-20.0	17.8	9.71	16.8	9.06	15.8	8.42	15.2	8.10	14.7	7.79	13.7	7.19
		-18.8	-19.0	17.8	9.36	16.8	8.73	15.8	8.12	15.2	7.82	14.7	7.52	13.7	6.94
		-16.7	-17.0	17.8	8.73	16.8	8.15	15.8	7.59	15.2	7.31	14.7	7.04	13.7	6.51
		-14.7	-15.0	17.8	8.18	16.8	7.65	15.8	7.13	15.2	6.87	14.7	6.62	13.7	6.12
		-12.6	-13.0	17.8	7.70	16.8	7.21	15.8	6.72	15.2	6.49	14.7	6.25	13.7	5.79
		-10.5	-11.0	17.8	7.28	16.8	6.82	15.8	6.37	15.2	6.14	14.7	5.92	13.7	5.49
		-9.5	-10.0	17.8	7.09	16.8	6.64	15.8	6.20	15.2	5.99	14.7	5.77	13.7	5.35
		-8.5	-9.1	17.8	6.92	16.8	6.49	15.8	6.06	15.2	5.85	14.7	5.65	13.7	5.24
		-7.0	-7.6	17.8	6.67	16.8	6.25	15.8	5.84	15.2	5.64	14.7	5.45	13.7	5.06
		-5.0	-5.6	17.8	6.35	16.8	5.96	15.8	5.58	15.2	5.39	14.7	5.20	13.7	4.84
		-3.0	-3.7	17.8	6.08	16.8	5.71	15.8	5.35	15.2	5.17	14.7	4.99	13.7	4.65
		0.0	-0.7	17.8	5.71	16.8	5.37	15.8	5.03	15.2	4.86	14.7	4.70	13.7	4.38
		3.0	2.2	17.8	5.39	16.8	5.07	15.8	4.76	15.2	4.60	14.7	4.45	13.7	4.15
		5.0	4.1	17.8	5.20	16.8	4.90	15.8	4.60	15.2	4.45	14.7	4.31	13.7	4.02
		7.0	6.0	17.8	5.03	16.8	4.74	15.8	4.45	15.2	4.31	14.7	4.17	13.7	3.89
		9.0	7.9	17.8	4.87	16.8	4.59	15.8	4.31	15.2	4.18	14.7	4.04	13.7	3.78
		11.0	9.8	17.8	4.72	16.8	4.45	15.8	4.19	15.2	4.06	14.7	3.93	13.7	3.67
		13.0	11.8	17.8	4.57	16.8	4.32	15.8	4.06	15.2	3.94	14.7	3.81	13.7	3.57
		15.0	13.7	17.8	4.45	16.8	4.20	15.8	3.95	15.2	3.83	14.7	3.71	13.7	3.47

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

U-12ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	390	-19.8	-20.0	19.9	4.28	19.8	4.86	19.7	5.44	19.7	5.73	19.6	6.02	19.6	6.60
		-18.8	-19.0	20.6	4.65	20.5	5.21	20.4	5.77	20.4	6.05	20.3	6.33	20.2	6.89
		-16.7	-17.0	22.0	5.32	21.9	5.84	21.8	6.36	21.8	6.62	21.7	6.88	21.6	7.40
		-14.7	-15.0	23.4	5.90	23.3	6.39	23.2	6.88	23.2	7.12	23.1	7.37	23.0	7.85
		-12.6	-13.0	24.8	6.42	24.7	6.87	24.6	7.33	24.5	7.56	24.5	7.79	24.4	8.25
		-10.5	-11.0	26.2	6.87	26.1	7.31	26.0	7.74	25.9	7.96	25.9	8.17	25.8	8.61
		-9.5	-10.0	26.9	7.08	26.8	7.50	26.7	7.92	26.6	8.14	26.6	8.35	26.5	8.77
		-8.5	-9.1	27.5	7.26	27.4	7.67	27.3	8.08	27.3	8.29	27.2	8.50	27.1	8.91
		-7.0	-7.6	28.5	7.54	28.4	7.94	28.3	8.33	28.3	8.53	28.3	8.73	28.2	9.12
		-5.0	-5.6	29.9	7.88	29.8	8.26	29.7	8.64	29.7	8.82	29.7	9.01	29.6	9.39
		-3.0	-3.7	31.2	8.18	31.1	8.54	31.1	8.90	31.0	9.08	31.0	9.26	30.9	9.62
		0.0	-0.7	33.3	8.60	33.2	8.93	33.1	9.27	33.1	9.44	33.1	9.61	33.0	9.94
		3.0	2.2	35.3	8.95	35.3	9.27	35.2	9.58	35.1	9.74	35.1	9.90	35.0	10.2
		5.0	4.1	36.7	9.16	36.6	9.47	36.5	9.77	36.4	9.92	36.4	10.1	36.3	10.4
		7.0	6.0	38.0	9.36	37.9	9.65	37.8	9.95	37.8	10.1	37.7	10.2	37.6	10.5
		9.0	7.9	39.3	9.54	39.2	9.82	39.1	10.1	39.1	10.2	39.0	10.4	39.0	10.7
		11.0	9.8	40.6	9.71	40.5	9.99	40.5	10.3	40.4	10.4	40.4	10.5	40.3	10.8
		13.0	11.8	42.0	9.88	41.9	10.1	41.8	10.4	41.8	10.5	41.8	10.7	41.7	10.9
		15.0	13.7	43.3	10.0	43.2	10.3	43.2	10.5	43.1	10.7	43.1	10.8	42.5	10.9
120	360	-19.8	-20.0	19.8	5.06	19.7	5.60	19.6	6.13	19.6	6.40	19.5	6.67	19.5	7.20
		-18.8	-19.0	20.5	5.40	20.4	5.92	20.3	6.44	20.3	6.69	20.2	6.95	20.2	7.47
		-16.7	-17.0	21.9	6.02	21.8	6.50	21.7	6.98	21.7	7.22	21.6	7.46	21.5	7.95
		-14.7	-15.0	23.3	6.56	23.2	7.01	23.1	7.46	23.1	7.69	23.0	7.91	22.9	8.36
		-12.6	-13.0	24.6	7.04	24.6	7.46	24.5	7.88	24.4	8.10	24.4	8.31	24.3	8.73
		-10.5	-11.0	26.0	7.46	26.0	7.86	25.9	8.26	25.8	8.46	25.8	8.66	25.7	9.06
		-9.5	-10.0	26.7	7.65	26.7	8.04	26.6	8.43	26.5	8.62	26.5	8.82	26.4	9.21
		-8.5	-9.1	27.4	7.82	27.3	8.20	27.2	8.58	27.2	8.77	27.1	8.96	27.0	9.34
		-7.0	-7.6	28.4	8.08	28.3	8.44	28.2	8.81	28.2	8.99	28.2	9.17	28.1	9.54
		-5.0	-5.6	29.8	8.39	29.7	8.74	29.6	9.09	29.6	9.26	29.6	9.43	29.5	9.78
		-3.0	-3.7	31.1	8.67	31.0	9.00	31.0	9.33	30.9	9.50	30.9	9.66	30.8	9.99
		0.0	-0.7	33.2	9.05	33.1	9.36	33.0	9.67	33.0	9.83	33.0	9.98	32.9	10.3
		3.0	2.2	35.2	9.38	35.1	9.67	35.1	9.96	35.0	10.1	35.0	10.3	34.9	10.5
		5.0	4.1	36.5	9.57	36.5	9.86	36.4	10.1	36.3	10.3	36.3	10.4	36.2	10.7
		7.0	6.0	37.9	9.76	37.8	10.0	37.7	10.3	37.7	10.4	37.6	10.6	37.5	10.8
		9.0	7.9	39.2	9.92	39.1	10.2	39.0	10.4	39.0	10.6	38.9	10.7	38.9	11.0
		11.0	9.8	40.5	10.1	40.4	10.3	40.3	10.6	40.3	10.7	40.3	10.8	39.2	10.7
		13.0	11.8	41.9	10.2	41.8	10.5	41.7	10.7	41.7	10.8	41.7	11.0	39.2	10.2
		15.0	13.7	43.2	10.4	43.1	10.6	43.1	10.8	43.0	11.0	42.1	10.7	39.2	9.87
110	330	-19.8	-20.0	19.7	5.84	19.6	6.34	19.5	6.83	19.5	7.07	19.4	7.32	19.4	7.81
		-18.8	-19.0	20.4	6.16	20.3	6.63	20.2	7.11	20.2	7.34	20.1	7.58	20.1	8.05
		-16.7	-17.0	21.7	6.73	21.7	7.17	21.6	7.61	21.6	7.83	21.5	8.05	21.5	8.49
		-14.7	-15.0	23.1	7.22	23.1	7.63	23.0	8.05	23.0	8.25	22.9	8.46	22.9	8.87
		-12.6	-13.0	24.5	7.66	24.5	8.04	24.4	8.43	24.4	8.63	24.3	8.82	24.2	9.21
		-10.5	-11.0	25.9	8.04	25.9	8.41	25.8	8.78	25.7	8.96	25.7	9.14	25.6	9.51
		-9.5	-10.0	26.6	8.22	26.5	8.58	26.5	8.93	26.4	9.11	26.4	9.29	26.3	9.65
		-8.5	-9.1	27.2	8.37	27.2	8.72	27.1	9.07	27.1	9.24	27.0	9.42	27.0	9.76
		-7.0	-7.6	28.3	8.61	28.2	8.94	28.1	9.28	28.1	9.45	28.1	9.61	28.0	9.95
		-5.0	-5.6	29.7	8.90	29.6	9.22	29.5	9.54	29.5	9.70	29.5	9.86	29.4	10.2
		-3.0	-3.7	31.0	9.15	30.9	9.46	30.9	9.76	30.8	9.91	30.8	10.1	30.7	10.4
		0.0	-0.7	33.1	9.51	33.0	9.79	32.9	10.1	32.9	10.2	32.9	10.4	32.8	10.6
		3.0	2.2	35.1	9.81	35.0	10.1	35.0	10.3	34.9	10.5	34.9	10.6	34.8	10.9
		5.0	4.1	36.4	9.99	36.4	10.2	36.3	10.5	36.2	10.6	36.2	10.8	35.9	10.9
		7.0	6.0	37.7	10.2	37.7	10.4	37.6	10.6	37.6	10.8	37.5	10.9	35.9	10.5
		9.0	7.9	39.1	10.3	39.0	10.5	38.9	10.8	38.9	10.9	38.6	10.9	35.9	10.0
		11.0	9.8	40.4	10.5	40.3	10.7	40.2	10.9	39.9	10.9	38.6	10.5	35.9	9.64
		13.0	11.8	41.8	10.6	41.7	10.8	41.3	10.9	39.9	10.5	38.6	10.1	35.9	9.26
		15.0	13.7	43.1	10.7	43.0	10.9	41.3	10.5	39.9	10.1	38.6	9.69	35.9	8.93

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	300	-19.8	-20.0	19.5	6.63	19.5	7.07	19.4	7.52	19.4	7.74	19.3	7.97	19.3	8.41
		-18.8	-19.0	20.2	6.91	20.2	7.34	20.1	7.77	20.1	7.99	20.0	8.20	20.0	8.63
		-16.7	-17.0	21.6	7.43	21.6	7.83	21.5	8.23	21.5	8.43	21.4	8.63	21.4	9.03
		-14.7	-15.0	23.0	7.88	23.0	8.26	22.9	8.63	22.9	8.82	22.8	9.01	22.8	9.38
		-12.6	-13.0	24.4	8.28	24.3	8.63	24.3	8.98	24.3	9.16	24.2	9.34	24.2	9.69
		-10.5	-11.0	25.8	8.63	25.7	8.96	25.7	9.29	25.6	9.46	25.6	9.63	25.5	9.96
		-9.5	-10.0	26.5	8.79	26.4	9.11	26.4	9.44	26.3	9.60	26.3	9.76	26.2	10.1
		-8.5	-9.1	27.1	8.93	27.1	9.24	27.0	9.56	27.0	9.72	26.9	9.88	26.9	10.2
		-7.0	-7.6	28.2	9.14	28.1	9.45	28.0	9.75	28.0	9.91	28.0	10.1	27.9	10.4
		-5.0	-5.6	29.6	9.41	29.5	9.70	29.4	9.99	29.4	10.1	29.4	10.3	29.3	10.6
		-3.0	-3.7	30.9	9.64	30.8	9.91	30.8	10.2	30.7	10.3	30.7	10.5	30.6	10.7
		0.0	-0.7	33.0	9.96	32.9	10.2	32.8	10.5	32.8	10.6	32.8	10.7	32.7	11.0
		3.0	2.2	35.0	10.2	34.9	10.5	34.9	10.7	34.8	10.8	34.8	11.0	32.7	10.2
		5.0	4.1	36.3	10.4	36.2	10.6	36.2	10.9	36.1	11.0	35.1	10.6	32.7	9.77
		7.0	6.0	37.6	10.5	37.6	10.8	37.5	11.0	36.3	10.6	35.1	10.2	32.7	9.36
		9.0	7.9	39.0	10.7	38.9	10.9	37.5	10.5	36.3	10.1	35.1	9.75	32.7	8.99
		11.0	9.8	40.3	10.8	39.9	10.9	37.5	10.1	36.3	9.75	35.1	9.38	32.7	8.64
		13.0	11.8	41.7	11.0	39.9	10.5	37.5	9.73	36.3	9.36	35.1	9.01	32.7	8.31
		15.0	13.7	42.3	10.8	39.9	10.1	37.5	9.37	36.3	9.03	35.1	8.69	32.7	8.02
90	270	-19.8	-20.0	19.4	7.41	19.4	7.81	19.3	8.22	19.3	8.42	19.3	8.62	19.2	9.02
		-18.8	-19.0	20.1	7.67	20.1	8.06	20.0	8.44	20.0	8.64	19.9	8.83	19.9	9.22
		-16.7	-17.0	21.5	8.13	21.5	8.49	21.4	8.86	21.4	9.04	21.3	9.22	21.3	9.58
		-14.7	-15.0	22.9	8.54	22.8	8.88	22.8	9.22	22.8	9.38	22.7	9.55	22.7	9.89
		-12.6	-13.0	24.3	8.90	24.2	9.21	24.2	9.53	24.2	9.69	24.1	9.85	24.1	10.2
		-10.5	-11.0	25.7	9.21	25.6	9.51	25.6	9.81	25.5	9.96	25.5	10.1	25.5	10.4
		-9.5	-10.0	26.4	9.36	26.3	9.65	26.3	9.94	26.2	10.1	26.2	10.2	26.1	10.5
		-8.5	-9.1	27.0	9.48	27.0	9.77	26.9	10.1	26.9	10.2	26.8	10.3	26.8	10.6
		-7.0	-7.6	28.1	9.68	28.0	9.95	27.9	10.2	27.9	10.4	27.9	10.5	27.8	10.8
		-5.0	-5.6	29.4	9.92	29.4	10.2	29.3	10.4	29.3	10.6	29.3	10.7	29.2	11.0
		-3.0	-3.7	30.8	10.1	30.7	10.4	30.7	10.6	30.6	10.7	30.6	10.9	29.4	10.5
		0.0	-0.7	32.9	10.4	32.8	10.6	32.7	10.9	32.7	11.0	31.6	10.5	29.4	9.70
		3.0	2.2	34.9	10.7	34.8	10.9	33.8	10.6	32.7	10.2	31.6	9.81	29.4	9.04
		5.0	4.1	36.2	10.8	35.9	10.9	33.8	10.1	32.7	9.76	31.6	9.39	29.4	8.65
		7.0	6.0	37.5	10.9	35.9	10.5	33.8	9.71	32.7	9.35	31.6	9.00	29.4	8.30
		9.0	7.9	38.1	10.7	35.9	10.0	33.8	9.32	32.7	8.98	31.6	8.64	29.4	7.98
		11.0	9.8	38.1	10.3	35.9	9.63	33.8	8.97	32.7	8.64	31.6	8.31	29.4	7.68
		13.0	11.8	38.1	9.90	35.9	9.25	33.8	8.62	32.7	8.31	31.6	8.00	29.4	7.39
		15.0	13.7	38.1	9.54	35.9	8.92	33.8	8.31	32.7	8.01	31.6	7.72	29.4	7.14
80	240	-19.8	-20.0	19.3	8.20	19.3	8.55	19.2	8.91	19.2	9.09	19.2	9.27	19.1	9.62
		-18.8	-19.0	20.0	8.43	20.0	8.77	19.9	9.11	19.9	9.29	19.9	9.46	19.8	9.80
		-16.7	-17.0	21.4	8.84	21.3	9.16	21.3	9.48	21.3	9.64	21.2	9.80	21.2	10.1
		-14.7	-15.0	22.8	9.20	22.7	9.50	22.7	9.80	22.7	9.95	22.6	10.1	22.6	10.4
		-12.6	-13.0	24.2	9.52	24.1	9.80	24.1	10.1	24.1	10.2	24.0	10.4	24.0	10.6
		-10.5	-11.0	25.6	9.80	25.5	10.1	25.5	10.3	25.4	10.5	25.4	10.6	25.4	10.9
		-9.5	-10.0	26.3	9.93	26.2	10.2	26.2	10.4	26.1	10.6	26.1	10.7	26.1	11.0
		-8.5	-9.1	26.9	10.0	26.8	10.3	26.8	10.5	26.8	10.7	26.7	10.8	26.1	10.7
		-7.0	-7.6	27.9	10.2	27.9	10.5	27.8	10.7	27.8	10.8	27.8	10.9	26.1	10.2
		-5.0	-5.6	29.3	10.4	29.3	10.7	29.2	10.9	29.0	10.9	28.1	10.5	26.1	9.64
		-3.0	-3.7	30.7	10.6	30.6	10.8	30.0	10.7	29.0	10.3	28.1	9.94	26.1	9.15
		0.0	-0.7	32.7	10.9	31.9	10.7	30.0	9.92	29.0	9.55	28.1	9.19	26.1	8.47
		3.0	2.2	33.9	10.6	31.9	9.94	30.0	9.24	29.0	8.90	28.1	8.57	26.1	7.91
		5.0	4.1	33.9	10.2	31.9	9.50	30.0	8.85	29.0	8.53	28.1	8.21	26.1	7.58
		7.0	6.0	33.9	9.75	31.9	9.11	30.0	8.49	29.0	8.18	28.1	7.88	26.1	7.29
		9.0	7.9	33.9	9.36	31.9	8.75	30.0	8.16	29.0	7.86	28.1	7.58	26.1	7.01
		11.0	9.8	33.9	9.00	31.9	8.42	30.0	7.85	29.0	7.57	28.1	7.30	26.1	6.76
		13.0	11.8	33.9	8.65	31.9	8.10	30.0	7.56	29.0	7.29	28.1	7.03	26.1	6.51
		15.0	13.7	33.9	8.34	31.9	7.81	30.0	7.30	29.0	7.04	28.1	6.79	26.1	6.30

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	210	-19.8	-20.0	19.2	8.98	19.2	9.29	19.1	9.60	19.1	9.76	19.1	9.92	19.0	10.2
		-18.8	-19.0	19.9	9.18	19.8	9.48	19.8	9.78	19.8	9.93	19.8	10.1	19.7	10.4
		-16.7	-17.0	21.3	9.54	21.2	9.82	21.2	10.1	21.2	10.2	21.1	10.4	21.1	10.7
		-14.7	-15.0	22.7	9.86	22.6	10.1	22.6	10.4	22.6	10.5	22.5	10.6	22.5	10.9
		-12.6	-13.0	24.1	10.1	24.0	10.4	24.0	10.6	24.0	10.8	23.9	10.9	22.9	10.4
		-10.5	-11.0	25.5	10.4	25.4	10.6	25.4	10.9	25.3	11.0	24.6	10.6	22.9	9.73
		-9.5	-10.0	26.2	10.5	26.1	10.7	26.1	11.0	25.4	10.7	24.6	10.2	22.9	9.42
		-8.5	-9.1	26.8	10.6	26.7	10.8	26.3	10.8	25.4	10.3	24.6	9.95	22.9	9.16
		-7.0	-7.6	27.8	10.7	27.8	11.0	26.3	10.3	25.4	9.88	24.6	9.50	22.9	8.76
		-5.0	-5.6	29.2	10.9	27.9	10.4	26.3	9.69	25.4	9.33	24.6	8.97	22.9	8.28
		-3.0	-3.7	29.6	10.6	27.9	9.88	26.3	9.19	25.4	8.85	24.6	8.52	22.9	7.87
		0.0	-0.7	29.6	9.78	27.9	9.14	26.3	8.51	25.4	8.20	24.6	7.90	22.9	7.31
		3.0	2.2	29.6	9.11	27.9	8.52	26.3	7.95	25.4	7.66	24.6	7.39	22.9	6.84
		5.0	4.1	29.6	8.72	27.9	8.16	26.3	7.62	25.4	7.35	24.6	7.09	22.9	6.57
		7.0	6.0	29.6	8.37	27.9	7.84	26.3	7.32	25.4	7.06	24.6	6.81	22.9	6.32
		9.0	7.9	29.6	8.04	27.9	7.54	26.3	7.04	25.4	6.80	24.6	6.56	22.9	6.09
		11.0	9.8	29.6	7.74	27.9	7.26	26.3	6.79	25.4	6.56	24.6	6.33	22.9	5.88
		13.0	11.8	29.6	7.45	27.9	6.99	26.3	6.54	25.4	6.32	24.6	6.10	22.9	5.67
		15.0	13.7	29.6	7.20	27.9	6.76	26.3	6.33	25.4	6.11	24.6	5.90	22.9	5.49
60	180	-19.8	-20.0	19.1	9.76	19.0	10.0	19.0	10.3	19.0	10.4	19.0	10.6	18.9	10.8
		-18.8	-19.0	19.8	9.94	19.7	10.2	19.7	10.5	19.7	10.6	19.7	10.7	19.6	11.0
		-16.7	-17.0	21.2	10.2	21.1	10.5	21.1	10.7	21.1	10.8	21.1	11.0	19.6	10.1
		-14.7	-15.0	22.6	10.5	22.5	10.7	22.5	11.0	21.8	10.6	21.1	10.2	19.6	9.34
		-12.6	-13.0	24.0	10.8	23.9	11.0	22.5	10.2	21.8	9.83	21.1	9.45	19.6	8.71
		-10.5	-11.0	25.3	11.0	23.9	10.3	22.5	9.54	21.8	9.19	21.1	8.84	19.6	8.16
		-9.5	-10.0	25.4	10.6	23.9	9.93	22.5	9.24	21.8	8.90	21.1	8.57	19.6	7.91
		-8.5	-9.1	25.4	10.3	23.9	9.66	22.5	8.99	21.8	8.66	21.1	8.33	19.6	7.70
		-7.0	-7.6	25.4	9.88	23.9	9.23	22.5	8.59	21.8	8.28	21.1	7.98	19.6	7.37
		-5.0	-5.6	25.4	9.32	23.9	8.71	22.5	8.12	21.8	7.83	21.1	7.55	19.6	6.98
		-3.0	-3.7	25.4	8.85	23.9	8.28	22.5	7.72	21.8	7.45	21.1	7.18	19.6	6.65
		0.0	-0.7	25.4	8.20	23.9	7.68	22.5	7.17	21.8	6.93	21.1	6.68	19.6	6.20
		3.0	2.2	25.4	7.66	23.9	7.18	22.5	6.72	21.8	6.49	21.1	6.26	19.6	5.82
		5.0	4.1	25.4	7.35	23.9	6.89	22.5	6.45	21.8	6.23	21.1	6.02	19.6	5.59
		7.0	6.0	25.4	7.06	23.9	6.63	22.5	6.21	21.8	6.00	21.1	5.79	19.6	5.39
		9.0	7.9	25.4	6.79	23.9	6.38	22.5	5.98	21.8	5.78	21.1	5.59	19.6	5.20
		11.0	9.8	25.4	6.55	23.9	6.16	22.5	5.78	21.8	5.59	21.1	5.40	19.6	5.03
		13.0	11.8	25.4	6.32	23.9	5.94	22.5	5.57	21.8	5.39	21.1	5.21	19.6	4.86
		15.0	13.7	25.4	6.11	23.9	5.75	22.5	5.40	21.8	5.22	21.1	5.05	19.6	4.71
50	150	-19.8	-20.0	19.0	10.5	18.9	10.8	18.8	10.9	18.1	10.4	17.5	10.0	16.3	9.24
		-18.8	-19.0	19.7	10.7	19.6	10.9	18.8	10.4	18.1	10.00	17.5	9.61	16.3	8.86
		-16.7	-17.0	21.1	11.0	20.0	10.3	18.8	9.57	18.1	9.22	17.5	8.87	16.3	8.18
		-14.7	-15.0	21.2	10.2	20.0	9.53	18.8	8.87	18.1	8.55	17.5	8.23	16.3	7.61
		-12.6	-13.0	21.2	9.50	20.0	8.88	18.8	8.28	18.1	7.98	17.5	7.69	16.3	7.11
		-10.5	-11.0	21.2	8.89	20.0	8.32	18.8	7.76	18.1	7.49	17.5	7.22	16.3	6.68
		-9.5	-10.0	21.2	8.61	20.0	8.06	18.8	7.53	18.1	7.26	17.5	7.00	16.3	6.49
		-8.5	-9.1	21.2	8.38	20.0	7.85	18.8	7.33	18.1	7.07	17.5	6.82	16.3	6.33
		-7.0	-7.6	21.2	8.02	20.0	7.52	18.8	7.02	18.1	6.78	17.5	6.54	16.3	6.07
		-5.0	-5.6	21.2	7.59	20.0	7.12	18.8	6.66	18.1	6.43	17.5	6.21	16.3	5.77
		-3.0	-3.7	21.2	7.22	20.0	6.78	18.8	6.35	18.1	6.13	17.5	5.92	16.3	5.51
		0.0	-0.7	21.2	6.72	20.0	6.31	18.8	5.91	18.1	5.72	17.5	5.53	16.3	5.15
		3.0	2.2	21.2	6.29	20.0	5.92	18.8	5.56	18.1	5.38	17.5	5.20	16.3	4.85
		5.0	4.1	21.2	6.05	20.0	5.69	18.8	5.35	18.1	5.17	17.5	5.00	16.3	4.67
		7.0	6.0	21.2	5.82	20.0	5.49	18.8	5.15	18.1	4.99	17.5	4.83	16.3	4.51
		9.0	7.9	21.2	5.62	20.0	5.29	18.8	4.98	18.1	4.82	17.5	4.67	16.3	4.36
		11.0	9.8	21.2	5.43	20.0	5.12	18.8	4.81	18.1	4.66	17.5	4.52	16.3	4.22
		13.0	11.8	21.2	5.24	20.0	4.95	18.8	4.65	18.1	4.51	17.5	4.37	16.3	4.09
		15.0	13.7	21.2	5.08	20.0	4.79	18.8	4.51	18.1	4.38	17.5	4.24	16.3	3.97

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

U-14ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	455	-19.8	-20.0	22.4	4.81	22.3	5.61	22.1	6.42	22.1	6.82	22.0	7.23	21.9	8.03
		-18.8	-19.0	23.4	5.49	23.3	6.26	23.2	7.02	23.1	7.41	23.1	7.79	23.0	8.56
		-16.7	-17.0	25.5	6.67	25.4	7.38	25.3	8.08	25.2	8.43	25.2	8.78	25.1	9.48
		-14.7	-15.0	27.6	7.67	27.4	8.31	27.3	8.96	27.3	9.28	27.2	9.60	27.1	10.2
		-12.6	-13.0	29.6	8.52	29.5	9.11	29.4	9.71	29.4	10.0	29.3	10.3	29.2	10.9
		-10.5	-11.0	31.7	9.25	31.6	9.80	31.5	10.4	31.4	10.6	31.4	10.9	31.3	11.5
		-9.5	-10.0	32.7	9.57	32.6	10.1	32.5	10.6	32.5	10.9	32.4	11.2	32.3	11.7
		-8.5	-9.1	33.7	9.85	33.6	10.4	33.5	10.9	33.4	11.2	33.4	11.4	33.3	11.9
		-7.0	-7.6	35.2	10.3	35.1	10.8	35.0	11.3	35.0	11.5	34.9	11.8	34.8	12.3
		-5.0	-5.6	37.3	10.8	37.2	11.3	37.1	11.7	37.1	12.0	37.0	12.2	36.9	12.7
		-3.0	-3.7	39.3	11.2	39.2	11.7	39.1	12.1	39.0	12.3	39.0	12.6	38.9	13.0
		0.0	-0.7	42.4	11.8	42.3	12.2	42.2	12.6	42.2	12.9	42.1	13.1	42.0	13.5
		3.0	2.2	45.4	12.3	45.3	12.7	45.2	13.1	45.2	13.3	45.1	13.5	45.0	13.9
		5.0	4.1	47.4	12.6	47.3	13.0	47.2	13.4	47.1	13.5	47.1	13.7	47.0	14.1
		7.0	6.0	49.4	12.9	49.3	13.2	49.2	13.6	49.1	13.8	49.1	13.9	49.0	14.3
		9.0	7.9	51.3	13.1	51.2	13.5	51.1	13.8	51.1	14.0	51.0	14.1	50.9	14.5
		11.0	9.8	53.3	13.4	53.2	13.7	53.1	14.0	53.1	14.2	53.0	14.3	51.0	13.8
		13.0	11.8	55.4	13.6	55.3	13.9	55.2	14.2	55.1	14.4	54.7	14.4	51.0	13.2
		15.0	13.7	57.4	13.8	57.3	14.1	57.2	14.4	56.6	14.3	54.7	13.8	51.0	12.6
120	420	-19.8	-20.0	22.2	5.90	22.1	6.64	22.0	7.38	22.0	7.76	21.9	8.13	21.8	8.87
		-18.8	-19.0	23.3	6.53	23.2	7.23	23.1	7.94	23.0	8.30	23.0	8.65	22.9	9.36
		-16.7	-17.0	25.3	7.62	25.2	8.27	25.1	8.91	25.1	9.24	25.0	9.56	25.0	10.2
		-14.7	-15.0	27.4	8.54	27.3	9.13	27.2	9.73	27.2	10.0	27.1	10.3	27.0	10.9
		-12.6	-13.0	29.5	9.32	29.4	9.87	29.3	10.4	29.3	10.7	29.2	11.0	29.1	11.5
		-10.5	-11.0	31.6	10.0	31.5	10.5	31.4	11.0	31.3	11.3	31.3	11.5	31.2	12.0
		-9.5	-10.0	32.6	10.3	32.5	10.8	32.4	11.3	32.4	11.5	32.3	11.8	32.2	12.3
		-8.5	-9.1	33.5	10.6	33.4	11.0	33.4	11.5	33.3	11.8	33.3	12.0	33.2	12.5
		-7.0	-7.6	35.1	11.0	35.0	11.4	34.9	11.9	34.9	12.1	34.8	12.3	34.7	12.8
		-5.0	-5.6	37.2	11.4	37.1	11.9	37.0	12.3	36.9	12.5	36.9	12.7	36.8	13.1
		-3.0	-3.7	39.2	11.8	39.1	12.2	39.0	12.6	38.9	12.8	38.9	13.1	38.8	13.5
		0.0	-0.7	42.3	12.4	42.2	12.8	42.1	13.1	42.0	13.3	42.0	13.5	41.9	13.9
		3.0	2.2	45.3	12.8	45.2	13.2	45.1	13.5	45.0	13.7	45.0	13.9	44.9	14.3
		5.0	4.1	47.3	13.1	47.2	13.5	47.1	13.8	47.0	14.0	47.0	14.1	46.9	14.5
		7.0	6.0	49.2	13.4	49.1	13.7	49.0	14.0	49.0	14.2	48.9	14.3	47.1	13.8
		9.0	7.9	51.2	13.6	51.1	13.9	51.0	14.2	51.0	14.4	50.5	14.3	47.1	13.2
		11.0	9.8	53.2	13.8	53.1	14.1	53.0	14.4	52.3	14.3	50.5	13.7	47.1	12.6
		13.0	11.8	55.3	14.0	55.2	14.3	54.0	14.1	52.3	13.6	50.5	13.1	47.1	12.0
		15.0	13.7	57.2	14.2	57.1	14.5	54.0	13.5	52.3	13.0	50.5	12.5	47.1	11.5
110	385	-19.8	-20.0	22.1	6.99	22.0	7.67	21.9	8.35	21.9	8.69	21.8	9.03	21.7	9.71
		-18.8	-19.0	23.1	7.56	23.0	8.21	22.9	8.86	22.9	9.19	22.9	9.51	22.8	10.2
		-16.7	-17.0	25.2	8.57	25.1	9.16	25.0	9.75	25.0	10.0	24.9	10.3	24.8	10.9
		-14.7	-15.0	27.3	9.41	27.2	9.95	27.1	10.5	27.1	10.8	27.0	11.0	26.9	11.6
		-12.6	-13.0	29.4	10.1	29.3	10.6	29.2	11.1	29.1	11.4	29.1	11.6	29.0	12.1
		-10.5	-11.0	31.4	10.7	31.3	11.2	31.3	11.7	31.2	11.9	31.2	12.2	31.1	12.6
		-9.5	-10.0	32.5	11.0	32.4	11.5	32.3	11.9	32.2	12.2	32.2	12.4	32.1	12.8
		-8.5	-9.1	33.4	11.3	33.3	11.7	33.2	12.1	33.2	12.4	33.1	12.6	33.1	13.0
		-7.0	-7.6	35.0	11.6	34.9	12.0	34.8	12.5	34.7	12.7	34.7	12.9	34.6	13.3
		-5.0	-5.6	37.0	12.1	37.0	12.5	36.9	12.8	36.8	13.0	36.8	13.2	36.7	13.6
		-3.0	-3.7	39.0	12.4	38.9	12.8	38.8	13.2	38.8	13.4	38.8	13.5	38.7	13.9
		0.0	-0.7	42.1	12.9	42.0	13.3	42.0	13.6	41.9	13.8	41.9	14.0	41.8	14.3
		3.0	2.2	45.1	13.4	45.1	13.7	45.0	14.0	44.9	14.2	44.9	14.3	43.1	13.8
		5.0	4.1	47.1	13.6	47.0	13.9	46.9	14.2	46.9	14.4	46.3	14.3	43.1	13.1
		7.0	6.0	49.1	13.8	49.0	14.1	48.9	14.4	47.9	14.1	46.3	13.6	43.1	12.5
		9.0	7.9	51.1	14.0	51.0	14.3	49.5	14.0	47.9	13.5	46.3	12.9	43.1	11.9
		11.0	9.8	53.0	14.2	52.7	14.4	49.5	13.4	47.9	12.8	46.3	12.3	43.1	11.4
		13.0	11.8	55.1	14.4	52.7	13.7	49.5	12.7	47.9	12.3	46.3	11.8	43.1	10.8
		15.0	13.7	55.9	14.1	52.7	13.1	49.5	12.2	47.9	11.8	46.3	11.3	43.1	10.4

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	350	-19.8	-20.0	21.9	8.07	21.9	8.70	21.8	9.32	21.7	9.63	21.7	9.94	21.6	10.6
		-18.8	-19.0	23.0	8.60	22.9	9.19	22.8	9.78	22.8	10.1	22.7	10.4	22.7	11.0
		-16.7	-17.0	25.1	9.51	25.0	10.1	24.9	10.6	24.9	10.9	24.8	11.1	24.7	11.7
		-14.7	-15.0	27.1	10.3	27.1	10.8	27.0	11.3	26.9	11.5	26.9	11.8	26.8	12.3
		-12.6	-13.0	29.2	10.9	29.1	11.4	29.1	11.8	29.0	12.1	29.0	12.3	28.9	12.8
		-10.5	-11.0	31.3	11.5	31.2	11.9	31.1	12.3	31.1	12.6	31.1	12.8	31.0	13.2
		-9.5	-10.0	32.3	11.7	32.2	12.2	32.2	12.6	32.1	12.8	32.1	13.0	32.0	13.4
		-8.5	-9.1	33.3	12.0	33.2	12.4	33.1	12.8	33.1	13.0	33.0	13.2	32.9	13.6
		-7.0	-7.6	34.8	12.3	34.7	12.7	34.7	13.1	34.6	13.2	34.6	13.4	34.5	13.8
		-5.0	-5.6	36.9	12.7	36.8	13.0	36.7	13.4	36.7	13.6	36.7	13.8	36.6	14.1
		-3.0	-3.7	38.9	13.0	38.8	13.4	38.7	13.7	38.7	13.9	38.6	14.0	38.6	14.4
		0.0	-0.7	42.0	13.5	41.9	13.8	41.8	14.1	41.8	14.3	41.8	14.4	39.2	13.4
		3.0	2.2	45.0	13.9	44.9	14.2	44.8	14.5	43.6	14.0	42.1	13.4	39.2	12.3
		5.0	4.1	47.0	14.1	46.9	14.4	45.0	13.8	43.6	13.2	42.1	12.7	39.2	11.7
		7.0	6.0	49.0	14.3	47.9	14.1	45.0	13.1	43.6	12.6	42.1	12.1	39.2	11.1
		9.0	7.9	50.8	14.4	47.9	13.4	45.0	12.5	43.6	12.0	42.1	11.5	39.2	10.6
		11.0	9.8	50.8	13.8	47.9	12.8	45.0	11.9	43.6	11.5	42.1	11.0	39.2	10.2
		13.0	11.8	50.8	13.1	47.9	12.3	45.0	11.4	43.6	11.0	42.1	10.6	39.2	9.74
		15.0	13.7	50.8	12.6	47.9	11.7	45.0	10.9	43.6	10.5	42.1	10.1	39.2	9.36
90	315	-19.8	-20.0	21.8	9.16	21.7	9.72	21.7	10.3	21.6	10.6	21.6	10.8	21.5	11.4
		-18.8	-19.0	22.8	9.64	22.8	10.2	22.7	10.7	22.7	11.0	22.6	11.2	22.6	11.8
		-16.7	-17.0	24.9	10.5	24.8	10.9	24.8	11.4	24.7	11.7	24.7	11.9	24.6	12.4
		-14.7	-15.0	27.0	11.1	26.9	11.6	26.9	12.0	26.8	12.3	26.8	12.5	26.7	12.9
		-12.6	-13.0	29.1	11.7	29.0	12.1	28.9	12.6	28.9	12.8	28.9	13.0	28.8	13.4
		-10.5	-11.0	31.1	12.2	31.1	12.6	31.0	13.0	31.0	13.2	30.9	13.4	30.9	13.8
		-9.5	-10.0	32.2	12.5	32.1	12.8	32.0	13.2	32.0	13.4	32.0	13.6	31.9	14.0
		-8.5	-9.1	33.1	12.7	33.1	13.0	33.0	13.4	32.9	13.6	32.9	13.7	32.8	14.1
		-7.0	-7.6	34.7	13.0	34.6	13.3	34.5	13.6	34.5	13.8	34.5	14.0	34.4	14.3
		-5.0	-5.6	36.8	13.3	36.7	13.6	36.6	14.0	36.6	14.1	36.5	14.3	35.3	13.9
		-3.0	-3.7	38.7	13.6	38.7	13.9	38.6	14.2	38.6	14.4	37.9	14.2	35.3	13.0
		0.0	-0.7	41.9	14.0	41.8	14.3	40.5	13.9	39.2	13.4	37.9	12.9	35.3	11.8
		3.0	2.2	44.9	14.4	43.1	13.8	40.5	12.8	39.2	12.3	37.9	11.8	35.3	10.9
		5.0	4.1	45.7	14.0	43.1	13.1	40.5	12.2	39.2	11.7	37.9	11.2	35.3	10.4
		7.0	6.0	45.7	13.3	43.1	12.4	40.5	11.6	39.2	11.1	37.9	10.7	35.3	9.88
		9.0	7.9	45.7	12.7	43.1	11.9	40.5	11.0	39.2	10.6	37.9	10.2	35.3	9.45
		11.0	9.8	45.7	12.1	43.1	11.3	40.5	10.6	39.2	10.2	37.9	9.79	35.3	9.05
		13.0	11.8	45.7	11.6	43.1	10.8	40.5	10.1	39.2	9.73	37.9	9.37	35.3	8.67
		15.0	13.7	45.7	11.1	43.1	10.4	40.5	9.70	39.2	9.35	37.9	9.01	35.3	8.34
80	280	-19.8	-20.0	21.7	10.3	21.6	10.7	21.5	11.2	21.5	11.5	21.5	11.7	21.4	12.2
		-18.8	-19.0	22.7	10.7	22.6	11.1	22.6	11.6	22.5	11.9	22.5	12.1	22.4	12.6
		-16.7	-17.0	24.8	11.4	24.7	11.8	24.7	12.3	24.6	12.5	24.6	12.7	24.5	13.1
		-14.7	-15.0	26.9	12.0	26.8	12.4	26.7	12.8	26.7	13.0	26.7	13.2	26.6	13.6
		-12.6	-13.0	28.9	12.5	28.9	12.9	28.8	13.3	28.8	13.5	28.7	13.6	28.7	14.0
		-10.5	-11.0	31.0	13.0	30.9	13.3	30.9	13.7	30.9	13.8	30.8	14.0	30.8	14.4
		-9.5	-10.0	32.0	13.2	32.0	13.5	31.9	13.9	31.9	14.0	31.9	14.2	31.4	14.2
		-8.5	-9.1	33.0	13.4	32.9	13.7	32.9	14.0	32.8	14.2	32.8	14.3	31.4	13.7
		-7.0	-7.6	34.5	13.6	34.5	13.9	34.4	14.2	34.4	14.4	33.7	14.1	31.4	13.0
		-5.0	-5.6	36.6	13.9	36.6	14.2	36.0	14.2	34.8	13.7	33.7	13.1	31.4	12.1
		-3.0	-3.7	38.6	14.2	38.3	14.4	36.0	13.3	34.8	12.8	33.7	12.3	31.4	11.3
		0.0	-0.7	40.6	14.0	38.3	13.0	36.0	12.1	34.8	11.7	33.7	11.2	31.4	10.3
		3.0	2.2	40.6	12.9	38.3	12.0	36.0	11.2	34.8	10.7	33.7	10.3	31.4	9.54
		5.0	4.1	40.6	12.2	38.3	11.4	36.0	10.6	34.8	10.2	33.7	9.84	31.4	9.09
		7.0	6.0	40.6	11.6	38.3	10.8	36.0	10.1	34.8	9.74	33.7	9.38	31.4	8.68
		9.0	7.9	40.6	11.1	38.3	10.4	36.0	9.66	34.8	9.31	33.7	8.97	31.4	8.30
		11.0	9.8	40.6	10.6	38.3	9.91	36.0	9.25	34.8	8.92	33.7	8.60	31.4	7.97
		13.0	11.8	40.6	10.1	38.3	9.49	36.0	8.86	34.8	8.55	33.7	8.24	31.4	7.64
		15.0	13.7	40.6	9.73	38.3	9.12	36.0	8.52	34.8	8.22	33.7	7.93	31.4	7.36

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	245	-19.8	-20.0	21.5	11.3	21.5	11.8	21.4	12.2	21.4	12.4	21.4	12.6	21.3	13.1
		-18.8	-19.0	22.6	11.7	22.5	12.1	22.4	12.5	22.4	12.7	22.4	13.0	22.3	13.4
		-16.7	-17.0	24.6	12.4	24.6	12.7	24.5	13.1	24.5	13.3	24.5	13.5	24.4	13.9
		-14.7	-15.0	26.7	12.9	26.7	13.2	26.6	13.6	26.6	13.8	26.5	13.9	26.5	14.3
		-12.6	-13.0	28.8	13.3	28.7	13.7	28.7	14.0	28.7	14.1	28.6	14.3	27.5	13.7
		-10.5	-11.0	30.9	13.7	30.8	14.0	30.8	14.3	30.5	14.3	29.5	13.7	27.5	12.6
		-9.5	-10.0	31.9	13.9	31.9	14.2	31.5	14.3	30.5	13.7	29.5	13.2	27.5	12.1
		-8.5	-9.1	32.8	14.1	32.8	14.4	31.5	13.8	30.5	13.2	29.5	12.7	27.5	11.7
		-7.0	-7.6	34.4	14.3	33.5	14.0	31.5	13.0	30.5	12.5	29.5	12.0	27.5	11.1
		-5.0	-5.6	35.5	14.0	33.5	13.0	31.5	12.1	30.5	11.7	29.5	11.2	27.5	10.3
		-3.0	-3.7	35.5	13.1	33.5	12.2	31.5	11.4	30.5	11.0	29.5	10.5	27.5	9.73
		0.0	-0.7	35.5	11.9	33.5	11.2	31.5	10.4	30.5	10.0	29.5	9.64	27.5	8.91
		3.0	2.2	35.5	11.0	33.5	10.3	31.5	9.58	30.5	9.24	29.5	8.91	27.5	8.24
		5.0	4.1	35.5	10.5	33.5	9.78	31.5	9.13	30.5	8.81	29.5	8.49	27.5	7.86
		7.0	6.0	35.5	9.96	33.5	9.33	31.5	8.71	30.5	8.41	29.5	8.11	27.5	7.52
		9.0	7.9	35.5	9.52	33.5	8.93	31.5	8.34	30.5	8.05	29.5	7.77	27.5	7.21
		11.0	9.8	35.5	9.12	33.5	8.55	31.5	8.00	30.5	7.73	29.5	7.46	27.5	6.93
		13.0	11.8	35.5	8.74	33.5	8.20	31.5	7.67	30.5	7.41	29.5	7.16	27.5	6.65
		15.0	13.7	35.5	8.40	33.5	7.89	31.5	7.39	30.5	7.14	29.5	6.90	27.5	6.42
60	210	-19.8	-20.0	21.4	12.4	21.3	12.8	21.3	13.2	21.3	13.4	21.2	13.5	21.2	13.9
		-18.8	-19.0	22.4	12.7	22.4	13.1	22.3	13.5	22.3	13.6	22.3	13.8	22.2	14.2
		-16.7	-17.0	24.5	13.3	24.5	13.6	24.4	13.9	24.4	14.1	24.4	14.3	23.5	13.9
		-14.7	-15.0	26.6	13.8	26.5	14.1	26.5	14.4	26.1	14.2	25.3	13.7	23.5	12.5
		-12.6	-13.0	28.7	14.2	28.6	14.4	27.0	13.5	26.1	13.0	25.3	12.4	23.5	11.5
		-10.5	-11.0	30.5	14.3	28.7	13.3	27.0	12.4	26.1	11.9	25.3	11.4	23.5	10.5
		-9.5	-10.0	30.5	13.7	28.7	12.8	27.0	11.9	26.1	11.4	25.3	11.0	23.5	10.1
		-8.5	-9.1	30.5	13.2	28.7	12.3	27.0	11.5	26.1	11.1	25.3	10.6	23.5	9.81
		-7.0	-7.6	30.5	12.5	28.7	11.7	27.0	10.9	26.1	10.5	25.3	10.1	23.5	9.30
		-5.0	-5.6	30.5	11.7	28.7	10.9	27.0	10.1	26.1	9.78	25.3	9.42	23.5	8.71
		-3.0	-3.7	30.5	11.0	28.7	10.2	27.0	9.55	26.1	9.21	25.3	8.87	23.5	8.21
		0.0	-0.7	30.5	10.0	28.7	9.37	27.0	8.75	26.1	8.44	25.3	8.14	23.5	7.55
		3.0	2.2	30.5	9.24	28.7	8.66	27.0	8.10	26.1	7.82	25.3	7.55	23.5	7.01
		5.0	4.1	30.5	8.80	28.7	8.26	27.0	7.73	26.1	7.47	25.3	7.21	23.5	6.70
		7.0	6.0	30.5	8.41	28.7	7.89	27.0	7.39	26.1	7.14	25.3	6.90	23.5	6.42
		9.0	7.9	30.5	8.05	28.7	7.56	27.0	7.09	26.1	6.85	25.3	6.62	23.5	6.16
		11.0	9.8	30.5	7.72	28.7	7.26	27.0	6.81	26.1	6.59	25.3	6.37	23.5	5.93
		13.0	11.8	30.5	7.41	28.7	6.97	27.0	6.54	26.1	6.33	25.3	6.12	23.5	5.71
		15.0	13.7	30.5	7.14	28.7	6.72	27.0	6.31	26.1	6.11	25.3	5.91	23.5	5.51
50	175	-19.8	-20.0	21.2	13.5	21.2	13.8	21.2	14.1	21.1	14.3	21.1	14.4	19.6	13.2
		-18.8	-19.0	22.3	13.8	22.2	14.1	22.2	14.4	21.8	14.1	21.1	13.5	19.6	12.4
		-16.7	-17.0	24.4	14.2	23.9	14.2	22.5	13.1	21.8	12.6	21.1	12.1	19.6	11.2
		-14.7	-15.0	25.4	13.7	23.9	12.8	22.5	11.9	21.8	11.5	21.1	11.0	19.6	10.2
		-12.6	-13.0	25.4	12.5	23.9	11.7	22.5	10.9	21.8	10.5	21.1	10.1	19.6	9.31
		-10.5	-11.0	25.4	11.5	23.9	10.8	22.5	10.0	21.8	9.66	21.1	9.30	19.6	8.60
		-9.5	-10.0	25.4	11.1	23.9	10.3	22.5	9.64	21.8	9.30	21.1	8.96	19.6	8.29
		-8.5	-9.1	25.4	10.7	23.9	10.0	22.5	9.33	21.8	9.00	21.1	8.67	19.6	8.03
		-7.0	-7.6	25.4	10.1	23.9	9.48	22.5	8.85	21.8	8.54	21.1	8.24	19.6	7.64
		-5.0	-5.6	25.4	9.47	23.9	8.88	22.5	8.29	21.8	8.01	21.1	7.73	19.6	7.17
		-3.0	-3.7	25.4	8.92	23.9	8.37	22.5	7.83	21.8	7.56	21.1	7.30	19.6	6.78
		0.0	-0.7	25.4	8.18	23.9	7.69	22.5	7.20	21.8	6.96	21.1	6.73	19.6	6.26
		3.0	2.2	25.4	7.59	23.9	7.14	22.5	6.69	21.8	6.48	21.1	6.26	19.6	5.83
		5.0	4.1	25.4	7.24	23.9	6.82	22.5	6.40	21.8	6.20	21.1	5.99	19.6	5.59
		7.0	6.0	25.4	6.94	23.9	6.53	22.5	6.14	21.8	5.94	21.1	5.75	19.6	5.37
		9.0	7.9	25.4	6.65	23.9	6.27	22.5	5.90	21.8	5.71	21.1	5.53	19.6	5.17
		11.0	9.8	25.4	6.40	23.9	6.04	22.5	5.68	21.8	5.50	21.1	5.33	19.6	4.98
		13.0	11.8	25.4	6.15	23.9	5.81	22.5	5.47	21.8	5.30	21.1	5.13	19.6	4.80
		15.0	13.7	25.4	5.94	23.9	5.61	22.5	5.28	21.8	5.12	21.1	4.96	19.6	4.65

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

U-16ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	520	-19.8	-20.0	23.0	3.35	22.9	4.23	22.8	5.11	22.7	5.55	22.7	5.99	22.6	6.87
		-18.8	-19.0	24.1	4.09	24.0	4.93	23.9	5.77	23.8	6.19	23.7	6.61	23.6	7.44
		-16.7	-17.0	26.2	5.39	26.1	6.15	26.0	6.92	25.9	7.30	25.9	7.68	25.7	8.44
		-14.7	-15.0	28.3	6.47	28.2	7.17	28.1	7.88	28.0	8.23	28.0	8.58	27.9	9.28
		-12.6	-13.0	30.5	7.40	30.3	8.05	30.2	8.70	30.2	9.02	30.1	9.35	30.0	10.00
		-10.5	-11.0	32.6	8.19	32.5	8.80	32.4	9.40	32.3	9.71	32.2	10.0	32.1	10.6
		-9.5	-10.0	33.6	8.55	33.5	9.14	33.4	9.72	33.4	10.0	33.3	10.3	33.2	10.9
		-8.5	-9.1	34.6	8.85	34.5	9.42	34.4	9.99	34.3	10.3	34.3	10.6	34.1	11.1
		-7.0	-7.6	36.2	9.32	36.1	9.86	36.0	10.4	35.9	10.7	35.8	10.9	35.7	11.5
		-5.0	-5.6	38.3	9.88	38.2	10.4	38.1	10.9	38.0	11.2	38.0	11.4	37.9	11.9
		-3.0	-3.7	40.3	10.4	40.2	10.8	40.1	11.3	40.0	11.6	40.0	11.8	39.9	12.3
		0.0	-0.7	43.5	11.0	43.4	11.5	43.3	11.9	43.2	12.1	43.2	12.3	43.1	12.8
		3.0	2.2	46.6	11.6	46.5	12.0	46.4	12.4	46.3	12.6	46.3	12.8	46.1	13.2
		5.0	4.1	48.6	11.9	48.5	12.3	48.4	12.7	48.3	12.9	48.3	13.1	48.2	13.5
		7.0	6.0	50.6	12.2	50.5	12.5	50.4	12.9	50.4	13.1	50.3	13.3	50.2	13.7
		9.0	7.9	52.7	12.4	52.5	12.8	52.4	13.2	52.4	13.4	52.3	13.5	52.2	13.9
		11.0	9.8	54.7	12.7	54.6	13.0	54.4	13.4	54.4	13.6	54.3	13.7	54.2	14.1
		13.0	11.8	56.8	12.9	56.7	13.3	56.6	13.6	56.5	13.8	56.5	13.9	56.3	14.3
		15.0	13.7	58.8	13.1	58.7	13.5	58.6	13.8	58.5	14.0	58.5	14.1	56.6	13.8
120	480	-19.8	-20.0	22.9	4.54	22.8	5.35	22.7	6.16	22.6	6.57	22.5	6.97	22.4	7.79
		-18.8	-19.0	23.9	5.23	23.8	6.00	23.7	6.77	23.7	7.16	23.6	7.55	23.5	8.32
		-16.7	-17.0	26.1	6.42	25.9	7.12	25.8	7.83	25.8	8.18	25.7	8.54	25.6	9.24
		-14.7	-15.0	28.2	7.42	28.1	8.07	28.0	8.72	27.9	9.04	27.9	9.37	27.8	10.0
		-12.6	-13.0	30.3	8.27	30.2	8.88	30.1	9.48	30.0	9.78	30.0	10.1	29.9	10.7
		-10.5	-11.0	32.4	9.01	32.3	9.57	32.2	10.1	32.2	10.4	32.1	10.7	32.0	11.2
		-9.5	-10.0	33.5	9.34	33.4	9.88	33.3	10.4	33.2	10.7	33.2	11.0	33.1	11.5
		-8.5	-9.1	34.4	9.62	34.3	10.1	34.2	10.7	34.2	10.9	34.1	11.2	34.0	11.7
		-7.0	-7.6	36.0	10.1	35.9	10.6	35.8	11.1	35.8	11.3	35.7	11.6	35.6	12.1
		-5.0	-5.6	38.2	10.6	38.1	11.0	38.0	11.5	37.9	11.7	37.8	12.0	37.7	12.5
		-3.0	-3.7	40.2	11.0	40.1	11.5	40.0	11.9	39.9	12.1	39.9	12.3	39.8	12.8
		0.0	-0.7	43.4	11.6	43.3	12.0	43.2	12.4	43.1	12.6	43.1	12.8	42.9	13.3
		3.0	2.2	46.4	12.1	46.3	12.5	46.2	12.9	46.2	13.1	46.1	13.3	46.0	13.7
		5.0	4.1	48.5	12.4	48.4	12.8	48.3	13.1	48.2	13.3	48.1	13.5	48.0	13.9
		7.0	6.0	50.5	12.7	50.4	13.0	50.3	13.4	50.2	13.6	50.2	13.7	50.1	14.1
		9.0	7.9	52.5	12.9	52.4	13.3	52.3	13.6	52.2	13.8	52.2	13.9	52.1	14.3
		11.0	9.8	54.5	13.2	54.4	13.5	54.3	13.8	54.3	14.0	54.2	14.1	52.3	13.7
		13.0	11.8	56.6	13.4	56.5	13.7	56.4	14.0	56.4	14.2	56.1	14.3	52.3	13.1
		15.0	13.7	58.7	13.6	58.6	13.9	58.5	14.2	58.1	14.2	56.1	13.7	52.3	12.6
110	440	-19.8	-20.0	22.7	5.73	22.6	6.47	22.5	7.22	22.5	7.59	22.4	7.96	22.3	8.71
		-18.8	-19.0	23.8	6.36	23.7	7.07	23.6	7.77	23.5	8.13	23.5	8.48	23.4	9.19
		-16.7	-17.0	25.9	7.45	25.8	8.10	25.7	8.75	25.7	9.07	25.6	9.39	25.5	10.0
		-14.7	-15.0	28.0	8.37	27.9	8.97	27.8	9.56	27.8	9.86	27.7	10.2	27.6	10.8
		-12.6	-13.0	30.1	9.15	30.0	9.70	30.0	10.3	29.9	10.5	29.9	10.8	29.8	11.4
		-10.5	-11.0	32.3	9.83	32.2	10.3	32.1	10.9	32.0	11.1	32.0	11.4	31.9	11.9
		-9.5	-10.0	33.3	10.1	33.2	10.6	33.1	11.1	33.1	11.4	33.0	11.6	32.9	12.1
		-8.5	-9.1	34.3	10.4	34.2	10.9	34.1	11.3	34.0	11.6	34.0	11.8	33.9	12.3
		-7.0	-7.6	35.9	10.8	35.8	11.2	35.7	11.7	35.6	11.9	35.6	12.2	35.5	12.6
		-5.0	-5.6	38.0	11.3	37.9	11.7	37.8	12.1	37.8	12.3	37.7	12.6	37.6	13.0
		-3.0	-3.7	40.0	11.7	39.9	12.1	39.8	12.5	39.8	12.7	39.7	12.9	39.6	13.3
		0.0	-0.7	43.2	12.2	43.1	12.6	43.0	13.0	43.0	13.2	42.9	13.3	42.8	13.7
		3.0	2.2	46.3	12.7	46.2	13.0	46.1	13.4	46.1	13.6	46.0	13.7	45.9	14.1
		5.0	4.1	48.3	12.9	48.2	13.3	48.1	13.6	48.1	13.8	48.0	14.0	47.9	14.3
		7.0	6.0	50.3	13.2	50.2	13.5	50.1	13.8	50.1	14.0	50.0	14.2	47.9	13.6
		9.0	7.9	52.3	13.4	52.3	13.7	52.2	14.0	52.1	14.2	51.5	14.1	47.9	13.0
		11.0	9.8	54.4	13.6	54.3	13.9	54.2	14.2	53.2	14.0	51.5	13.5	47.9	12.4
		13.0	11.8	56.5	13.8	56.4	14.1	55.0	13.9	53.2	13.4	51.5	12.9	47.9	11.8
		15.0	13.7	58.5	14.0	58.4	14.3	55.0	13.3	53.2	12.8	51.5	12.3	47.9	11.4

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	400	-19.8	-20.0	22.6	6.92	22.5	7.59	22.4	8.27	22.3	8.61	22.3	8.95	22.2	9.62
		-18.8	-19.0	23.6	7.49	23.5	8.13	23.4	8.78	23.4	9.10	23.4	9.42	23.3	10.1
		-16.7	-17.0	25.7	8.48	25.7	9.07	25.6	9.66	25.5	9.95	25.5	10.2	25.4	10.8
		-14.7	-15.0	27.9	9.32	27.8	9.86	27.7	10.4	27.6	10.7	27.6	10.9	27.5	11.5
		-12.6	-13.0	30.0	10.0	29.9	10.5	29.8	11.0	29.8	11.3	29.7	11.5	29.6	12.0
		-10.5	-11.0	32.1	10.6	32.0	11.1	31.9	11.6	31.9	11.8	31.9	12.0	31.8	12.5
		-9.5	-10.0	33.2	10.9	33.1	11.4	33.0	11.8	33.0	12.0	32.9	12.3	32.8	12.7
		-8.5	-9.1	34.1	11.2	34.0	11.6	34.0	12.0	33.9	12.2	33.9	12.5	33.8	12.9
		-7.0	-7.6	35.7	11.5	35.6	11.9	35.6	12.3	35.5	12.6	35.5	12.8	35.4	13.2
		-5.0	-5.6	37.9	11.9	37.8	12.3	37.7	12.7	37.6	12.9	37.6	13.1	37.5	13.5
		-3.0	-3.7	39.9	12.3	39.8	12.7	39.7	13.1	39.7	13.2	39.6	13.4	39.5	13.8
		0.0	-0.7	43.1	12.8	43.0	13.2	42.9	13.5	42.8	13.7	42.8	13.8	42.7	14.2
		3.0	2.2	46.1	13.2	46.1	13.6	46.0	13.9	45.9	14.0	45.9	14.2	43.6	13.5
		5.0	4.1	48.2	13.5	48.1	13.8	48.0	14.1	47.9	14.3	46.8	13.9	43.6	12.8
		7.0	6.0	50.2	13.7	50.1	14.0	50.0	14.3	48.4	13.8	46.8	13.2	43.6	12.2
		9.0	7.9	52.2	13.9	52.1	14.2	50.0	13.6	48.4	13.1	46.8	12.6	43.6	11.6
		11.0	9.8	54.2	14.1	53.2	14.0	50.0	13.0	48.4	12.5	46.8	12.1	43.6	11.1
		13.0	11.8	56.3	14.3	53.2	13.4	50.0	12.4	48.4	12.0	46.8	11.5	43.6	10.6
		15.0	13.7	56.4	13.7	53.2	12.8	50.0	11.9	48.4	11.5	46.8	11.1	43.6	10.2
90	360	-19.8	-20.0	22.4	8.10	22.3	8.71	22.2	9.32	22.2	9.63	22.2	9.93	22.1	10.5
		-18.8	-19.0	23.5	8.62	23.4	9.20	23.3	9.78	23.3	10.1	23.2	10.4	23.1	10.9
		-16.7	-17.0	25.6	9.52	25.5	10.0	25.4	10.6	25.4	10.8	25.3	11.1	25.3	11.6
		-14.7	-15.0	27.7	10.3	27.6	10.8	27.6	11.2	27.5	11.5	27.5	11.7	27.4	12.2
		-12.6	-13.0	29.8	10.9	29.8	11.4	29.7	11.8	29.6	12.0	29.6	12.3	29.5	12.7
		-10.5	-11.0	32.0	11.5	31.9	11.9	31.8	12.3	31.8	12.5	31.7	12.7	31.6	13.1
		-9.5	-10.0	33.0	11.7	32.9	12.1	32.9	12.5	32.8	12.7	32.8	12.9	32.7	13.3
		-8.5	-9.1	34.0	11.9	33.9	12.3	33.8	12.7	33.8	12.9	33.7	13.1	33.7	13.5
		-7.0	-7.6	35.6	12.2	35.5	12.6	35.4	13.0	35.4	13.2	35.3	13.4	35.3	13.7
		-5.0	-5.6	37.7	12.6	37.6	13.0	37.5	13.3	37.5	13.5	37.5	13.7	37.4	14.0
		-3.0	-3.7	39.7	13.0	39.6	13.3	39.6	13.6	39.5	13.8	39.5	14.0	39.2	14.2
		0.0	-0.7	42.9	13.4	42.8	13.7	42.7	14.0	42.7	14.2	42.1	14.1	39.2	12.9
		3.0	2.2	46.0	13.8	45.9	14.1	45.0	14.0	43.6	13.4	42.1	12.9	39.2	11.9
		5.0	4.1	48.0	14.0	47.9	14.3	45.0	13.3	43.6	12.8	42.1	12.3	39.2	11.3
		7.0	6.0	50.0	14.2	47.9	13.6	45.0	12.6	43.6	12.2	42.1	11.7	39.2	10.8
		9.0	7.9	50.8	13.9	47.9	13.0	45.0	12.1	43.6	11.6	42.1	11.2	39.2	10.3
		11.0	9.8	50.8	13.3	47.9	12.4	45.0	11.5	43.6	11.1	42.1	10.7	39.2	9.88
		13.0	11.8	50.8	12.7	47.9	11.8	45.0	11.0	43.6	10.6	42.1	10.2	39.2	9.46
		15.0	13.7	50.8	12.1	47.9	11.4	45.0	10.6	43.6	10.2	42.1	9.83	39.2	9.10
80	320	-19.8	-20.0	22.2	9.29	22.2	9.84	22.1	10.4	22.1	10.6	22.0	10.9	22.0	11.5
		-18.8	-19.0	23.3	9.75	23.2	10.3	23.2	10.8	23.1	11.0	23.1	11.3	23.0	11.8
		-16.7	-17.0	25.4	10.6	25.4	11.0	25.3	11.5	25.3	11.7	25.2	12.0	25.2	12.4
		-14.7	-15.0	27.6	11.2	27.5	11.7	27.4	12.1	27.4	12.3	27.3	12.5	27.3	13.0
		-12.6	-13.0	29.7	11.8	29.6	12.2	29.5	12.6	29.5	12.8	29.5	13.0	29.4	13.4
		-10.5	-11.0	31.8	12.3	31.7	12.7	31.7	13.0	31.6	13.2	31.6	13.4	31.5	13.8
		-9.5	-10.0	32.9	12.5	32.8	12.9	32.7	13.2	32.7	13.4	32.7	13.6	32.6	13.9
		-8.5	-9.1	33.8	12.7	33.8	13.0	33.7	13.4	33.6	13.6	33.6	13.7	33.5	14.1
		-7.0	-7.6	35.4	13.0	35.3	13.3	35.3	13.6	35.2	13.8	35.2	14.0	34.9	14.1
		-5.0	-5.6	37.5	13.3	37.5	13.6	37.4	14.0	37.4	14.1	37.3	14.3	34.9	13.2
		-3.0	-3.7	39.6	13.6	39.5	13.9	39.4	14.2	38.7	14.0	37.4	13.4	34.9	12.4
		0.0	-0.7	42.7	14.0	42.6	14.2	40.0	13.2	38.7	12.7	37.4	12.2	34.9	11.3
		3.0	2.2	45.1	14.0	42.6	13.1	40.0	12.2	38.7	11.7	37.4	11.3	34.9	10.4
		5.0	4.1	45.1	13.3	42.6	12.4	40.0	11.6	38.7	11.2	37.4	10.7	34.9	9.92
		7.0	6.0	45.1	12.7	42.6	11.8	40.0	11.0	38.7	10.6	37.4	10.2	34.9	9.47
		9.0	7.9	45.1	12.1	42.6	11.3	40.0	10.5	38.7	10.2	37.4	9.79	34.9	9.07
		11.0	9.8	45.1	11.6	42.6	10.8	40.0	10.1	38.7	9.74	37.4	9.39	34.9	8.70
		13.0	11.8	45.1	11.1	42.6	10.4	40.0	9.67	38.7	9.33	37.4	9.00	34.9	8.34
		15.0	13.7	45.1	10.6	42.6	9.95	40.0	9.30	38.7	8.98	37.4	8.66	34.9	8.03

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	280	-19.8	-20.0	22.1	10.5	22.0	11.0	22.0	11.4	21.9	11.7	21.9	11.9	21.8	12.4
		-18.8	-19.0	23.2	10.9	23.1	11.3	23.0	11.8	23.0	12.0	23.0	12.2	22.9	12.7
		-16.7	-17.0	25.3	11.6	25.2	12.0	25.2	12.4	25.1	12.6	25.1	12.8	25.0	13.2
		-14.7	-15.0	27.4	12.2	27.3	12.5	27.3	12.9	27.2	13.1	27.2	13.3	27.2	13.7
		-12.6	-13.0	29.5	12.7	29.5	13.0	29.4	13.4	29.4	13.5	29.3	13.7	29.3	14.1
		-10.5	-11.0	31.7	13.1	31.6	13.4	31.5	13.8	31.5	13.9	31.5	14.1	30.5	13.8
		-9.5	-10.0	32.7	13.3	32.7	13.6	32.6	13.9	32.6	14.1	32.5	14.2	30.5	13.2
		-8.5	-9.1	33.7	13.5	33.6	13.8	33.5	14.1	33.5	14.2	32.8	13.9	30.5	12.8
		-7.0	-7.6	35.3	13.7	35.2	14.0	35.0	14.2	33.9	13.7	32.8	13.1	30.5	12.1
		-5.0	-5.6	37.4	14.0	37.2	14.2	35.0	13.2	33.9	12.7	32.8	12.2	30.5	11.3
		-3.0	-3.7	39.4	14.3	37.2	13.4	35.0	12.4	33.9	12.0	32.8	11.5	30.5	10.6
		0.0	-0.7	39.5	13.0	37.2	12.2	35.0	11.3	33.9	10.9	32.8	10.5	30.5	9.72
		3.0	2.2	39.5	12.0	37.2	11.2	35.0	10.5	33.9	10.1	32.8	9.72	30.5	9.00
		5.0	4.1	39.5	11.4	37.2	10.7	35.0	9.96	33.9	9.61	32.8	9.27	30.5	8.58
		7.0	6.0	39.5	10.9	37.2	10.2	35.0	9.51	33.9	9.18	32.8	8.85	30.5	8.21
		9.0	7.9	39.5	10.4	37.2	9.74	35.0	9.10	33.9	8.79	32.8	8.48	30.5	7.87
		11.0	9.8	39.5	9.96	37.2	9.34	35.0	8.73	33.9	8.44	32.8	8.14	30.5	7.56
		13.0	11.8	39.5	9.54	37.2	8.95	35.0	8.38	33.9	8.09	32.8	7.81	30.5	7.26
		15.0	13.7	39.5	9.17	37.2	8.61	35.0	8.07	33.9	7.80	32.8	7.53	30.5	7.00
60	240	-19.8	-20.0	21.9	11.7	21.9	12.1	21.8	12.5	21.8	12.7	21.8	12.9	21.7	13.3
		-18.8	-19.0	23.0	12.0	22.9	12.4	22.9	12.8	22.9	13.0	22.8	13.2	22.8	13.6
		-16.7	-17.0	25.1	12.6	25.1	13.0	25.0	13.3	25.0	13.5	25.0	13.7	24.9	14.0
		-14.7	-15.0	27.2	13.1	27.2	13.4	27.1	13.8	27.1	13.9	27.1	14.1	26.1	13.7
		-12.6	-13.0	29.4	13.5	29.3	13.8	29.3	14.1	29.0	14.1	28.1	13.6	26.1	12.5
		-10.5	-11.0	31.5	13.9	31.4	14.2	30.0	13.5	29.0	13.0	28.1	12.5	26.1	11.5
		-9.5	-10.0	32.6	14.1	31.9	14.0	30.0	13.0	29.0	12.5	28.1	12.0	26.1	11.1
		-8.5	-9.1	33.5	14.2	31.9	13.5	30.0	12.5	29.0	12.1	28.1	11.6	26.1	10.7
		-7.0	-7.6	33.9	13.7	31.9	12.7	30.0	11.9	29.0	11.4	28.1	11.0	26.1	10.2
		-5.0	-5.6	33.9	12.7	31.9	11.9	30.0	11.1	29.0	10.7	28.1	10.3	26.1	9.51
		-3.0	-3.7	33.9	12.0	31.9	11.2	30.0	10.4	29.0	10.1	28.1	9.69	26.1	8.97
		0.0	-0.7	33.9	10.9	31.9	10.2	30.0	9.55	29.0	9.21	28.1	8.89	26.1	8.24
		3.0	2.2	33.9	10.1	31.9	9.45	30.0	8.84	29.0	8.54	28.1	8.24	26.1	7.65
		5.0	4.1	33.9	9.61	31.9	9.01	30.0	8.43	29.0	8.15	28.1	7.87	26.1	7.31
		7.0	6.0	33.9	9.18	31.9	8.62	30.0	8.07	29.0	7.80	28.1	7.53	26.1	7.01
		9.0	7.9	33.9	8.79	31.9	8.26	30.0	7.74	29.0	7.48	28.1	7.23	26.1	6.73
		11.0	9.8	33.9	8.43	31.9	7.93	30.0	7.43	29.0	7.19	28.1	6.95	26.1	6.48
		13.0	11.8	33.9	8.09	31.9	7.61	30.0	7.14	29.0	6.91	28.1	6.68	26.1	6.23
		15.0	13.7	33.9	7.79	31.9	7.34	30.0	6.89	29.0	6.67	28.1	6.45	26.1	6.02
50	200	-19.8	-20.0	21.8	12.9	21.7	13.2	21.7	13.5	21.7	13.7	21.7	13.9	21.6	14.2
		-18.8	-19.0	22.8	13.1	22.8	13.5	22.8	13.8	22.7	14.0	22.7	14.1	21.8	13.6
		-16.7	-17.0	25.0	13.6	24.9	13.9	24.9	14.2	24.2	13.8	23.4	13.3	21.8	12.2
		-14.7	-15.0	27.1	14.1	26.6	14.0	25.0	13.0	24.2	12.5	23.4	12.0	21.8	11.1
		-12.6	-13.0	28.2	13.7	26.6	12.8	25.0	11.9	24.2	11.4	23.4	11.0	21.8	10.2
		-10.5	-11.0	28.2	12.6	26.6	11.7	25.0	10.9	24.2	10.5	23.4	10.2	21.8	9.39
		-9.5	-10.0	28.2	12.1	26.6	11.3	25.0	10.5	24.2	10.2	23.4	9.78	21.8	9.05
		-8.5	-9.1	28.2	11.7	26.6	10.9	25.0	10.2	24.2	9.82	23.4	9.47	21.8	8.77
		-7.0	-7.6	28.2	11.1	26.6	10.4	25.0	9.67	24.2	9.33	23.4	8.99	21.8	8.34
		-5.0	-5.6	28.2	10.3	26.6	9.69	25.0	9.05	24.2	8.74	23.4	8.43	21.8	7.83
		-3.0	-3.7	28.2	9.74	26.6	9.14	25.0	8.55	24.2	8.26	23.4	7.97	21.8	7.41
		0.0	-0.7	28.2	8.93	26.6	8.39	25.0	7.86	24.2	7.60	23.4	7.34	21.8	6.83
		3.0	2.2	28.2	8.28	26.6	7.79	25.0	7.31	24.2	7.07	23.4	6.83	21.8	6.37
		5.0	4.1	28.2	7.91	26.6	7.44	25.0	6.99	24.2	6.76	23.4	6.54	21.8	6.10
		7.0	6.0	28.2	7.57	26.6	7.13	25.0	6.70	24.2	6.49	23.4	6.28	21.8	5.86
		9.0	7.9	28.2	7.26	26.6	6.85	25.0	6.44	24.2	6.24	23.4	6.04	21.8	5.64
		11.0	9.8	28.2	6.98	26.6	6.59	25.0	6.20	24.2	6.01	23.4	5.82	21.8	5.44
		13.0	11.8	28.2	6.72	26.6	6.34	25.0	5.97	24.2	5.78	23.4	5.60	21.8	5.24
		15.0	13.7	28.2	6.48	26.6	6.12	25.0	5.77	24.2	5.59	23.4	5.42	21.8	5.08

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

PA-18ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	585	-19.8	-20.0	34.8	9.58	34.7	10.4	34.5	11.2	34.5	11.6	34.4	12.0	34.3	12.8
		-18.8	-19.0	35.8	10.0	35.7	10.8	35.6	11.6	35.5	11.9	35.4	12.3	35.3	13.1
		-16.7	-17.0	37.9	10.8	37.8	11.5	37.6	12.3	37.6	12.6	37.5	13.0	37.4	13.7
		-14.7	-15.0	39.9	11.5	39.8	12.2	39.7	12.9	39.6	13.2	39.5	13.6	39.4	14.3
		-12.6	-13.0	42.0	12.1	41.9	12.8	41.7	13.4	41.7	13.8	41.6	14.1	41.5	14.7
		-10.5	-11.0	44.0	12.7	43.9	13.3	43.8	14.0	43.7	14.3	43.7	14.6	43.5	15.2
		-9.5	-10.0	45.1	13.0	44.9	13.6	44.8	14.2	44.7	14.5	44.7	14.8	44.6	15.4
		-8.5	-9.1	46.0	13.2	45.9	13.8	45.7	14.4	45.7	14.7	45.6	15.0	45.5	15.6
		-7.0	-7.6	47.5	13.6	47.4	14.1	47.3	14.7	47.2	15.0	47.1	15.3	47.0	15.9
		-5.0	-5.6	49.6	14.0	49.5	14.6	49.3	15.1	49.3	15.4	49.2	15.7	49.1	16.2
		-3.0	-3.7	51.5	14.4	51.4	14.9	51.3	15.5	51.2	15.7	51.2	16.0	51.0	16.5
		0.0	-0.7	54.6	15.0	54.5	15.5	54.4	16.0	54.3	16.2	54.2	16.5	54.1	17.0
		3.0	2.2	57.6	15.5	57.5	15.9	57.3	16.4	57.3	16.6	57.2	16.9	57.1	17.3
		5.0	4.1	59.6	15.8	59.4	16.2	59.3	16.7	59.2	16.9	59.2	17.1	59.0	17.6
		7.0	6.0	61.5	16.0	61.4	16.5	61.2	16.9	61.2	17.1	61.1	17.4	61.0	17.8
		9.0	7.9	63.5	16.3	63.3	16.7	63.2	17.1	63.1	17.4	63.1	17.6	62.9	18.0
		11.0	9.8	65.4	16.5	65.3	17.0	65.1	17.4	65.1	17.6	65.0	17.8	64.0	17.8
		13.0	11.8	67.5	16.8	67.3	17.2	67.2	17.6	67.1	17.8	67.1	18.0	64.0	17.1
		15.0	13.7	69.4	17.0	69.3	17.4	69.2	17.8	69.1	18.0	68.7	18.0	64.0	16.6
120	540	-19.8	-20.0	34.6	10.7	34.5	11.4	34.4	12.1	34.3	12.5	34.3	12.9	34.2	13.6
		-18.8	-19.0	35.7	11.1	35.5	11.8	35.4	12.5	35.4	12.8	35.3	13.2	35.2	13.9
		-16.7	-17.0	37.7	11.8	37.6	12.5	37.5	13.1	37.4	13.5	37.4	13.8	37.2	14.5
		-14.7	-15.0	39.8	12.4	39.6	13.1	39.5	13.7	39.5	14.0	39.4	14.3	39.3	15.0
		-12.6	-13.0	41.8	13.0	41.7	13.6	41.6	14.2	41.5	14.5	41.5	14.8	41.3	15.4
		-10.5	-11.0	43.9	13.6	43.8	14.1	43.6	14.7	43.6	15.0	43.5	15.3	43.4	15.8
		-9.5	-10.0	44.9	13.8	44.8	14.4	44.7	14.9	44.6	15.2	44.5	15.5	44.4	16.0
		-8.5	-9.1	45.8	14.0	45.7	14.6	45.6	15.1	45.5	15.4	45.5	15.7	45.3	16.2
		-7.0	-7.6	47.4	14.3	47.2	14.9	47.1	15.4	47.1	15.7	47.0	15.9	46.9	16.5
		-5.0	-5.6	49.4	14.8	49.3	15.3	49.2	15.8	49.1	16.0	49.1	16.3	48.9	16.8
		-3.0	-3.7	51.4	15.1	51.2	15.6	51.1	16.1	51.1	16.3	51.0	16.6	50.9	17.1
		0.0	-0.7	54.4	15.6	54.3	16.1	54.2	16.6	54.1	16.8	54.1	17.0	54.0	17.5
		3.0	2.2	57.4	16.1	57.3	16.5	57.2	17.0	57.1	17.2	57.1	17.4	56.9	17.8
		5.0	4.1	59.4	16.4	59.3	16.8	59.1	17.2	59.1	17.4	59.0	17.6	58.9	18.1
		7.0	6.0	61.3	16.6	61.2	17.0	61.1	17.4	61.0	17.6	61.0	17.8	59.1	17.4
		9.0	7.9	63.3	16.9	63.2	17.3	63.0	17.7	63.0	17.9	62.9	18.1	59.1	16.8
		11.0	9.8	65.2	17.1	65.1	17.5	65.0	17.9	64.9	18.1	63.4	17.6	59.1	16.2
		13.0	11.8	67.3	17.3	67.2	17.7	67.0	18.1	65.6	17.7	63.4	17.0	59.1	15.6
		15.0	13.7	69.2	17.5	69.1	17.9	67.8	17.7	65.6	17.1	63.4	16.4	59.1	15.1
110	495	-19.8	-20.0	34.5	11.7	34.3	12.4	34.2	13.1	34.2	13.4	34.1	13.7	34.0	14.4
		-18.8	-19.0	35.5	12.1	35.4	12.7	35.3	13.4	35.2	13.7	35.2	14.0	35.0	14.7
		-16.7	-17.0	37.5	12.8	37.4	13.4	37.3	14.0	37.3	14.3	37.2	14.6	37.1	15.2
		-14.7	-15.0	39.6	13.4	39.5	13.9	39.4	14.5	39.3	14.8	39.3	15.1	39.1	15.7
		-12.6	-13.0	41.6	13.9	41.5	14.5	41.4	15.0	41.4	15.3	41.3	15.6	41.2	16.1
		-10.5	-11.0	43.7	14.4	43.6	14.9	43.5	15.4	43.4	15.7	43.4	16.0	43.3	16.5
		-9.5	-10.0	44.7	14.6	44.6	15.1	44.5	15.6	44.4	15.9	44.4	16.2	44.3	16.7
		-8.5	-9.1	45.6	14.8	45.5	15.3	45.4	15.8	45.4	16.1	45.3	16.3	45.2	16.8
		-7.0	-7.6	47.2	15.1	47.1	15.6	47.0	16.1	46.9	16.3	46.9	16.6	46.7	17.1
		-5.0	-5.6	49.2	15.5	49.1	16.0	49.0	16.4	49.0	16.7	48.9	16.9	48.8	17.4
		-3.0	-3.7	51.2	15.8	51.1	16.3	51.0	16.7	50.9	17.0	50.9	17.2	50.8	17.6
		0.0	-0.7	54.3	16.3	54.2	16.7	54.1	17.2	54.0	17.4	53.9	17.6	53.8	18.0
		3.0	2.2	57.3	16.7	57.1	17.1	57.0	17.5	57.0	17.7	56.9	17.9	54.2	17.0
		5.0	4.1	59.2	17.0	59.1	17.4	59.0	17.8	58.9	18.0	58.2	17.8	54.2	16.3
		7.0	6.0	61.2	17.2	61.0	17.6	60.9	18.0	60.2	17.8	58.2	17.1	54.2	15.7
		9.0	7.9	63.1	17.4	63.0	17.8	62.2	17.8	60.2	17.1	58.2	16.5	54.2	15.1
		11.0	9.8	65.1	17.7	64.9	18.0	62.2	17.2	60.2	16.5	58.2	15.9	54.2	14.6
		13.0	11.8	67.1	17.9	66.1	17.8	62.2	16.6	60.2	15.9	58.2	15.3	54.2	14.1
		15.0	13.7	69.1	18.1	66.1	17.2	62.2	16.0	60.2	15.4	58.2	14.8	54.2	13.6

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	450	-19.8	-20.0	34.3	12.8	34.2	13.4	34.1	14.0	34.0	14.3	34.0	14.6	33.9	15.2
		-18.8	-19.0	35.3	13.1	35.2	13.7	35.1	14.3	35.1	14.6	35.0	14.9	34.9	15.5
		-16.7	-17.0	37.4	13.7	37.3	14.3	37.2	14.9	37.1	15.1	37.1	15.4	37.0	16.0
		-14.7	-15.0	39.4	14.3	39.3	14.8	39.2	15.3	39.2	15.6	39.1	15.9	39.0	16.4
		-12.6	-13.0	41.5	14.8	41.4	15.3	41.3	15.8	41.2	16.0	41.2	16.3	41.1	16.8
		-10.5	-11.0	43.5	15.2	43.4	15.7	43.3	16.2	43.3	16.4	43.2	16.7	43.1	17.1
		-9.5	-10.0	44.5	15.4	44.4	15.9	44.3	16.4	44.3	16.6	44.2	16.8	44.1	17.3
		-8.5	-9.1	45.5	15.6	45.4	16.1	45.3	16.5	45.2	16.8	45.2	17.0	45.1	17.4
		-7.0	-7.6	47.0	15.9	46.9	16.3	46.8	16.8	46.8	17.0	46.7	17.2	46.6	17.7
		-5.0	-5.6	49.1	16.2	49.0	16.7	48.9	17.1	48.8	17.3	48.8	17.5	48.7	17.9
		-3.0	-3.7	51.0	16.6	50.9	17.0	50.8	17.4	50.8	17.6	50.7	17.8	49.2	17.4
		0.0	-0.7	54.1	17.0	54.0	17.4	53.9	17.8	53.8	17.9	52.9	17.7	49.2	16.2
		3.0	2.2	57.1	17.4	57.0	17.7	56.5	17.9	54.7	17.2	52.9	16.5	49.2	15.2
		5.0	4.1	59.0	17.6	58.9	18.0	56.5	17.2	54.7	16.5	52.9	15.9	49.2	14.6
		7.0	6.0	61.0	17.8	60.1	17.8	56.5	16.5	54.7	15.9	52.9	15.3	49.2	14.1
		9.0	7.9	62.9	18.0	60.1	17.1	56.5	15.9	54.7	15.3	52.9	14.7	49.2	13.6
		11.0	9.8	63.8	17.7	60.1	16.5	56.5	15.3	54.7	14.8	52.9	14.2	49.2	13.1
		13.0	11.8	63.8	17.1	60.1	15.9	56.5	14.8	54.7	14.2	52.9	13.7	49.2	12.6
		15.0	13.7	63.8	16.5	60.1	15.4	56.5	14.3	54.7	13.8	52.9	13.3	49.2	12.2
90	405	-19.8	-20.0	34.1	13.9	34.0	14.4	33.9	15.0	33.9	15.2	33.8	15.5	33.7	16.1
		-18.8	-19.0	35.1	14.2	35.0	14.7	35.0	15.2	34.9	15.5	34.9	15.8	34.8	16.3
		-16.7	-17.0	37.2	14.7	37.1	15.2	37.0	15.7	37.0	16.0	36.9	16.2	36.8	16.7
		-14.7	-15.0	39.2	15.2	39.1	15.7	39.1	16.2	39.0	16.4	39.0	16.6	38.9	17.1
		-12.6	-13.0	41.3	15.7	41.2	16.1	41.1	16.6	41.1	16.8	41.0	17.0	40.9	17.5
		-10.5	-11.0	43.3	16.1	43.3	16.5	43.2	16.9	43.1	17.1	43.1	17.4	43.0	17.8
		-9.5	-10.0	44.4	16.3	44.3	16.7	44.2	17.1	44.1	17.3	44.1	17.5	44.0	17.9
		-8.5	-9.1	45.3	16.4	45.2	16.8	45.1	17.2	45.1	17.4	45.0	17.7	44.3	17.7
		-7.0	-7.6	46.8	16.7	46.7	17.1	46.7	17.5	46.6	17.7	46.6	17.9	44.3	17.0
		-5.0	-5.6	48.9	17.0	48.8	17.4	48.7	17.7	48.7	17.9	47.6	17.5	44.3	16.1
		-3.0	-3.7	50.8	17.3	50.8	17.6	50.7	18.0	49.2	17.4	47.6	16.7	44.3	15.4
		0.0	-0.7	53.9	17.7	53.8	18.0	50.9	16.8	49.2	16.2	47.6	15.6	44.3	14.3
		3.0	2.2	56.9	18.0	54.1	17.0	50.9	15.8	49.2	15.2	47.6	14.6	44.3	13.4
		5.0	4.1	57.4	17.5	54.1	16.3	50.9	15.2	49.2	14.6	47.6	14.0	44.3	12.9
		7.0	6.0	57.4	16.8	54.1	15.7	50.9	14.6	49.2	14.1	47.6	13.5	44.3	12.5
		9.0	7.9	57.4	16.2	54.1	15.1	50.9	14.1	49.2	13.5	47.6	13.0	44.3	12.0
		11.0	9.8	57.4	15.6	54.1	14.6	50.9	13.6	49.2	13.1	47.6	12.6	44.3	11.6
		13.0	11.8	57.4	15.1	54.1	14.1	50.9	13.1	49.2	12.6	47.6	12.2	44.3	11.2
		15.0	13.7	57.4	14.6	54.1	13.6	50.9	12.7	49.2	12.2	47.6	11.8	44.3	10.9
80	360	-19.8	-20.0	33.9	14.9	33.8	15.4	33.8	15.9	33.7	16.2	33.7	16.4	33.6	16.9
		-18.8	-19.0	35.0	15.2	34.9	15.7	34.8	16.2	34.8	16.4	34.7	16.6	34.6	17.1
		-16.7	-17.0	37.0	15.7	36.9	16.2	36.9	16.6	36.8	16.8	36.8	17.1	36.7	17.5
		-14.7	-15.0	39.1	16.1	39.0	16.6	38.9	17.0	38.9	17.2	38.8	17.4	38.7	17.8
		-12.6	-13.0	41.1	16.5	41.0	16.9	41.0	17.3	40.9	17.6	40.9	17.8	39.4	17.2
		-10.5	-11.0	43.2	16.9	43.1	17.3	43.0	17.7	43.0	17.9	42.3	17.6	39.4	16.2
		-9.5	-10.0	44.2	17.1	44.1	17.4	44.0	17.8	43.7	17.8	42.3	17.1	39.4	15.7
		-8.5	-9.1	45.1	17.2	45.0	17.6	45.0	17.9	43.7	17.4	42.3	16.7	39.4	15.3
		-7.0	-7.6	46.7	17.4	46.6	17.8	45.2	17.4	43.7	16.7	42.3	16.0	39.4	14.7
		-5.0	-5.6	48.7	17.7	48.1	17.8	45.2	16.5	43.7	15.8	42.3	15.2	39.4	14.0
		-3.0	-3.7	50.7	18.0	48.1	16.9	45.2	15.7	43.7	15.1	42.3	14.5	39.4	13.4
		0.0	-0.7	51.0	16.9	48.1	15.8	45.2	14.7	43.7	14.1	42.3	13.6	39.4	12.5
		3.0	2.2	51.0	15.8	48.1	14.8	45.2	13.8	43.7	13.3	42.3	12.8	39.4	11.8
		5.0	4.1	51.0	15.2	48.1	14.2	45.2	13.2	43.7	12.8	42.3	12.3	39.4	11.3
		7.0	6.0	51.0	14.6	48.1	13.7	45.2	12.7	43.7	12.3	42.3	11.8	39.4	10.9
		9.0	7.9	51.0	14.1	48.1	13.2	45.2	12.3	43.7	11.9	42.3	11.4	39.4	10.6
		11.0	9.8	51.0	13.6	48.1	12.7	45.2	11.9	43.7	11.5	42.3	11.0	39.4	10.2
		13.0	11.8	51.0	13.1	48.1	12.3	45.2	11.5	43.7	11.1	42.3	10.7	39.4	9.90
		15.0	13.7	51.0	12.7	48.1	11.9	45.2	11.1	43.7	10.7	42.3	10.4	39.4	9.60

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	315	-19.8	-20.0	33.8	16.0	33.7	16.4	33.6	16.9	33.6	17.1	33.5	17.3	33.5	17.7
		-18.8	-19.0	34.8	16.3	34.7	16.7	34.6	17.1	34.6	17.3	34.6	17.5	34.5	17.9
		-16.7	-17.0	36.8	16.7	36.8	17.1	36.7	17.5	36.7	17.7	36.6	17.9	34.5	16.7
		-14.7	-15.0	38.9	17.1	38.8	17.4	38.7	17.8	38.3	17.7	37.0	17.0	34.5	15.6
		-12.6	-13.0	40.9	17.4	40.9	17.8	39.6	17.3	38.3	16.6	37.0	15.9	34.5	14.7
		-10.5	-11.0	43.0	17.7	42.1	17.5	39.6	16.3	38.3	15.6	37.0	15.0	34.5	13.8
		-9.5	-10.0	44.0	17.9	42.1	17.0	39.6	15.8	38.3	15.2	37.0	14.6	34.5	13.5
		-8.5	-9.1	44.6	17.8	42.1	16.6	39.6	15.4	38.3	14.8	37.0	14.3	34.5	13.1
		-7.0	-7.6	44.6	17.1	42.1	15.9	39.6	14.8	38.3	14.3	37.0	13.7	34.5	12.6
		-5.0	-5.6	44.6	16.2	42.1	15.1	39.6	14.1	38.3	13.6	37.0	13.0	34.5	12.0
		-3.0	-3.7	44.6	15.5	42.1	14.5	39.6	13.5	38.3	13.0	37.0	12.5	34.5	11.5
		0.0	-0.7	44.6	14.4	42.1	13.5	39.6	12.6	38.3	12.1	37.0	11.7	34.5	10.8
		3.0	2.2	44.6	13.6	42.1	12.7	39.6	11.8	38.3	11.4	37.0	11.0	34.5	10.2
		5.0	4.1	44.6	13.0	42.1	12.2	39.6	11.4	38.3	11.0	37.0	10.6	34.5	9.82
		7.0	6.0	44.6	12.6	42.1	11.8	39.6	11.0	38.3	10.6	37.0	10.2	34.5	9.49
		9.0	7.9	44.6	12.1	42.1	11.4	39.6	10.6	38.3	10.3	37.0	9.89	34.5	9.18
		11.0	9.8	44.6	11.7	42.1	11.0	39.6	10.3	38.3	9.92	37.0	9.58	34.5	8.89
		13.0	11.8	44.6	11.3	42.1	10.6	39.6	9.94	38.3	9.60	37.0	9.27	34.5	8.61
		15.0	13.7	44.6	11.0	42.1	10.3	39.6	9.64	38.3	9.31	37.0	8.99	34.5	8.36
60	270	-19.8	-20.0	33.6	17.1	33.5	17.5	33.5	17.8	32.8	17.5	31.7	16.8	29.5	15.4
		-18.8	-19.0	34.6	17.3	34.5	17.7	33.9	17.5	32.8	16.9	31.7	16.2	29.5	14.9
		-16.7	-17.0	36.7	17.7	36.1	17.6	33.9	16.3	32.8	15.7	31.7	15.1	29.5	13.9
		-14.7	-15.0	38.3	17.7	36.1	16.5	33.9	15.3	32.8	14.7	31.7	14.2	29.5	13.0
		-12.6	-13.0	38.3	16.6	36.1	15.5	33.9	14.4	32.8	13.9	31.7	13.3	29.5	12.3
		-10.5	-11.0	38.3	15.6	36.1	14.6	33.9	13.6	32.8	13.1	31.7	12.6	29.5	11.6
		-9.5	-10.0	38.3	15.2	36.1	14.2	33.9	13.2	32.8	12.7	31.7	12.3	29.5	11.3
		-8.5	-9.1	38.3	14.8	36.1	13.9	33.9	12.9	32.8	12.4	31.7	12.0	29.5	11.1
		-7.0	-7.6	38.3	14.3	36.1	13.3	33.9	12.4	32.8	12.0	31.7	11.5	29.5	10.7
		-5.0	-5.6	38.3	13.6	36.1	12.7	33.9	11.8	32.8	11.4	31.7	11.0	29.5	10.2
		-3.0	-3.7	38.3	13.0	36.1	12.1	33.9	11.3	32.8	10.9	31.7	10.5	29.5	9.76
		0.0	-0.7	38.3	12.1	36.1	11.4	33.9	10.6	32.8	10.2	31.7	9.88	29.5	9.16
		3.0	2.2	38.3	11.4	36.1	10.7	33.9	10.0	32.8	9.66	31.7	9.33	29.5	8.66
		5.0	4.1	38.3	11.0	36.1	10.3	33.9	9.65	32.8	9.33	31.7	9.00	29.5	8.37
		7.0	6.0	38.3	10.6	36.1	9.96	33.9	9.32	32.8	9.01	31.7	8.70	29.5	8.10
		9.0	7.9	38.3	10.2	36.1	9.63	33.9	9.02	32.8	8.72	31.7	8.43	29.5	7.84
		11.0	9.8	38.3	9.92	36.1	9.32	33.9	8.74	32.8	8.45	31.7	8.17	29.5	7.61
		13.0	11.8	38.3	9.59	36.1	9.02	33.9	8.47	32.8	8.19	31.7	7.92	29.5	7.38
		15.0	13.7	38.3	9.31	36.1	8.76	33.9	8.22	32.8	7.96	31.7	7.69	29.5	7.18
50	225	-19.8	-20.0	31.9	16.9	30.1	15.8	28.3	14.6	27.3	14.1	26.4	13.6	24.6	12.5
		-18.8	-19.0	31.9	16.3	30.1	15.2	28.3	14.1	27.3	13.6	26.4	13.1	24.6	12.1
		-16.7	-17.0	31.9	15.2	30.1	14.2	28.3	13.2	27.3	12.7	26.4	12.2	24.6	11.3
		-14.7	-15.0	31.9	14.2	30.1	13.3	28.3	12.4	27.3	12.0	26.4	11.5	24.6	10.7
		-12.6	-13.0	31.9	13.4	30.1	12.5	28.3	11.7	27.3	11.3	26.4	10.9	24.6	10.1
		-10.5	-11.0	31.9	12.7	30.1	11.9	28.3	11.1	27.3	10.7	26.4	10.3	24.6	9.55
		-9.5	-10.0	31.9	12.3	30.1	11.5	28.3	10.8	27.3	10.4	26.4	10.0	24.6	9.31
		-8.5	-9.1	31.9	12.0	30.1	11.3	28.3	10.5	27.3	10.2	26.4	9.82	24.6	9.11
		-7.0	-7.6	31.9	11.6	30.1	10.9	28.3	10.2	27.3	9.82	26.4	9.47	24.6	8.80
		-5.0	-5.6	31.9	11.1	30.1	10.4	28.3	9.70	27.3	9.37	26.4	9.05	24.6	8.41
		-3.0	-3.7	31.9	10.6	30.1	9.94	28.3	9.31	27.3	8.99	26.4	8.69	24.6	8.08
		0.0	-0.7	31.9	9.93	30.1	9.33	28.3	8.75	27.3	8.46	26.4	8.18	24.6	7.61
		3.0	2.2	31.9	9.38	30.1	8.82	28.3	8.28	27.3	8.01	26.4	7.74	24.6	7.22
		5.0	4.1	31.9	9.05	30.1	8.52	28.3	8.00	27.3	7.74	26.4	7.49	24.6	6.99
		7.0	6.0	31.9	8.75	30.1	8.24	28.3	7.74	27.3	7.50	26.4	7.25	24.6	6.77
		9.0	7.9	31.9	8.47	30.1	7.98	28.3	7.50	27.3	7.27	26.4	7.03	24.6	6.57
		11.0	9.8	31.9	8.21	30.1	7.74	28.3	7.28	27.3	7.05	26.4	6.83	24.6	6.39
		13.0	11.8	31.9	7.96	30.1	7.51	28.3	7.06	27.3	6.85	26.4	6.63	24.6	6.20
		15.0	13.7	31.9	7.73	30.1	7.30	28.3	6.87	27.3	6.66	26.4	6.45	24.6	6.04

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

PA-20ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	650	-19.8	-20.0	36.6	9.56	36.4	10.5	36.3	11.4	36.2	11.9	36.1	12.4	36.0	13.3
		-18.8	-19.0	37.7	10.1	37.6	11.0	37.4	11.9	37.4	12.4	37.3	12.9	37.1	13.8
		-16.7	-17.0	40.0	11.1	39.9	12.0	39.8	12.8	39.7	13.3	39.6	13.7	39.5	14.5
		-14.7	-15.0	42.4	12.0	42.2	12.8	42.1	13.6	42.0	14.0	41.9	14.4	41.8	15.2
		-12.6	-13.0	44.7	12.8	44.5	13.6	44.4	14.3	44.3	14.7	44.3	15.1	44.1	15.9
		-10.5	-11.0	47.0	13.5	46.9	14.2	46.7	15.0	46.6	15.3	46.6	15.7	46.4	16.4
		-9.5	-10.0	48.2	13.8	48.0	14.5	47.9	15.2	47.8	15.6	47.7	16.0	47.6	16.7
		-8.5	-9.1	49.2	14.1	49.1	14.8	48.9	15.5	48.8	15.8	48.8	16.2	48.6	16.9
		-7.0	-7.6	50.9	14.6	50.8	15.2	50.7	15.9	50.6	16.2	50.5	16.6	50.4	17.2
		-5.0	-5.6	53.3	15.1	53.1	15.7	53.0	16.4	52.9	16.7	52.8	17.0	52.7	17.7
		-3.0	-3.7	55.5	15.6	55.3	16.2	55.2	16.8	55.1	17.1	55.0	17.4	54.9	18.0
		0.0	-0.7	59.0	16.3	58.8	16.8	58.7	17.4	58.6	17.7	58.5	18.0	58.4	18.6
		3.0	2.2	62.3	16.9	62.2	17.4	62.0	17.9	62.0	18.2	61.9	18.5	61.7	19.0
		5.0	4.1	64.5	17.2	64.4	17.7	64.2	18.3	64.2	18.5	64.1	18.8	63.9	19.3
		7.0	6.0	66.7	17.5	66.6	18.0	66.4	18.6	66.4	18.8	66.3	19.1	66.1	19.6
		9.0	7.9	68.9	17.8	68.8	18.3	68.6	18.8	68.6	19.1	68.5	19.3	68.4	19.8
		11.0	9.8	71.1	18.1	71.0	18.6	70.8	19.1	70.8	19.3	70.7	19.6	70.6	20.0
		13.0	11.8	73.5	18.4	73.3	18.9	73.2	19.3	73.1	19.6	73.0	19.8	71.4	19.6
		15.0	13.7	75.7	18.7	75.5	19.1	75.4	19.6	75.3	19.8	75.2	20.0	71.4	18.9
120	600	-19.8	-20.0	36.4	10.8	36.2	11.7	36.1	12.6	36.0	13.0	36.0	13.5	35.8	14.3
		-18.8	-19.0	37.5	11.3	37.4	12.2	37.3	13.0	37.2	13.5	37.1	13.9	37.0	14.7
		-16.7	-17.0	39.8	12.3	39.7	13.1	39.6	13.9	39.5	14.3	39.4	14.7	39.3	15.4
		-14.7	-15.0	42.2	13.1	42.0	13.8	41.9	14.6	41.8	15.0	41.8	15.3	41.6	16.1
		-12.6	-13.0	44.5	13.8	44.4	14.5	44.2	15.2	44.2	15.6	44.1	15.9	44.0	16.7
		-10.5	-11.0	46.8	14.5	46.7	15.2	46.5	15.8	46.5	16.2	46.4	16.5	46.3	17.2
		-9.5	-10.0	48.0	14.8	47.8	15.4	47.7	16.1	47.6	16.4	47.6	16.8	47.4	17.4
		-8.5	-9.1	49.0	15.1	48.9	15.7	48.7	16.3	48.7	16.7	48.6	17.0	48.5	17.6
		-7.0	-7.6	50.8	15.5	50.6	16.1	50.5	16.7	50.4	17.0	50.4	17.3	50.2	17.9
		-5.0	-5.6	53.1	16.0	52.9	16.6	52.8	17.2	52.7	17.4	52.7	17.7	52.5	18.3
		-3.0	-3.7	55.3	16.4	55.1	17.0	55.0	17.5	54.9	17.8	54.9	18.1	54.7	18.7
		0.0	-0.7	58.8	17.0	58.6	17.6	58.5	18.1	58.4	18.4	58.4	18.6	58.2	19.2
		3.0	2.2	62.1	17.6	62.0	18.1	61.9	18.6	61.8	18.8	61.7	19.1	61.6	19.6
		5.0	4.1	64.3	17.9	64.2	18.4	64.1	18.9	64.0	19.1	63.9	19.4	63.8	19.9
		7.0	6.0	66.5	18.2	66.4	18.7	66.3	19.2	66.2	19.4	66.1	19.6	65.9	20.0
		9.0	7.9	68.7	18.5	68.6	19.0	68.5	19.4	68.4	19.6	68.3	19.9	65.9	19.3
		11.0	9.8	70.9	18.8	70.8	19.2	70.7	19.7	70.6	19.9	70.5	20.1	65.9	18.5
		13.0	11.8	73.3	19.0	73.1	19.5	73.0	19.9	72.9	20.1	70.7	19.4	65.9	17.8
		15.0	13.7	75.5	19.3	75.3	19.7	75.2	20.1	73.2	19.5	70.7	18.7	65.9	17.2
110	550	-19.8	-20.0	36.2	12.1	36.1	12.9	35.9	13.7	35.9	14.1	35.8	14.5	35.7	15.3
		-18.8	-19.0	37.3	12.6	37.2	13.4	37.1	14.1	37.0	14.5	37.0	14.9	36.8	15.7
		-16.7	-17.0	39.7	13.4	39.5	14.2	39.4	14.9	39.3	15.2	39.3	15.6	39.2	16.3
		-14.7	-15.0	42.0	14.2	41.9	14.9	41.7	15.6	41.7	15.9	41.6	16.2	41.5	16.9
		-12.6	-13.0	44.3	14.9	44.2	15.5	44.0	16.2	44.0	16.5	43.9	16.8	43.8	17.5
		-10.5	-11.0	46.6	15.5	46.5	16.1	46.4	16.7	46.3	17.0	46.2	17.3	46.1	17.9
		-9.5	-10.0	47.8	15.7	47.7	16.3	47.5	16.9	47.5	17.2	47.4	17.5	47.3	18.1
		-8.5	-9.1	48.8	16.0	48.7	16.6	48.6	17.2	48.5	17.5	48.5	17.7	48.3	18.3
		-7.0	-7.6	50.6	16.4	50.4	16.9	50.3	17.5	50.3	17.8	50.2	18.1	50.1	18.6
		-5.0	-5.6	52.9	16.8	52.8	17.4	52.6	17.9	52.6	18.2	52.5	18.5	52.4	19.0
		-3.0	-3.7	55.1	17.2	55.0	17.8	54.8	18.3	54.8	18.5	54.7	18.8	54.6	19.3
		0.0	-0.7	58.6	17.8	58.4	18.3	58.3	18.8	58.3	19.0	58.2	19.3	58.1	19.8
		3.0	2.2	61.9	18.3	61.8	18.8	61.7	19.2	61.6	19.5	61.6	19.7	60.4	19.6
		5.0	4.1	64.1	18.6	64.0	19.1	63.9	19.5	63.8	19.7	63.8	20.0	60.4	18.8
		7.0	6.0	66.3	18.9	66.2	19.3	66.1	19.8	66.0	20.0	64.8	19.7	60.4	18.1
		9.0	7.9	68.5	19.2	68.4	19.6	68.3	20.0	67.1	19.7	64.8	18.9	60.4	17.4
		11.0	9.8	70.7	19.4	70.6	19.8	69.3	19.7	67.1	18.9	64.8	18.2	60.4	16.7
		13.0	11.8	73.1	19.7	72.9	20.1	69.3	18.9	67.1	18.2	64.8	17.5	60.4	16.1
		15.0	13.7	75.3	19.9	73.8	19.7	69.3	18.3	67.1	17.6	64.8	16.9	60.4	15.6

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	500	-19.8	-20.0	36.0	13.4	35.9	14.1	35.8	14.8	35.7	15.2	35.6	15.6	35.5	16.3
		-18.8	-19.0	37.1	13.8	37.0	14.5	36.9	15.2	36.9	15.6	36.8	15.9	36.7	16.6
		-16.7	-17.0	39.5	14.6	39.3	15.3	39.2	15.9	39.2	16.2	39.1	16.6	39.0	17.2
		-14.7	-15.0	41.8	15.3	41.7	15.9	41.6	16.5	41.5	16.8	41.4	17.1	41.3	17.8
		-12.6	-13.0	44.1	15.9	44.0	16.5	43.9	17.1	43.8	17.4	43.8	17.7	43.7	18.3
		-10.5	-11.0	46.4	16.4	46.3	17.0	46.2	17.6	46.1	17.8	46.1	18.1	46.0	18.7
		-9.5	-10.0	47.6	16.7	47.5	17.2	47.4	17.8	47.3	18.1	47.2	18.3	47.1	18.9
		-8.5	-9.1	48.6	16.9	48.5	17.5	48.4	18.0	48.3	18.3	48.3	18.5	48.2	19.1
		-7.0	-7.6	50.4	17.3	50.3	17.8	50.1	18.3	50.1	18.6	50.0	18.8	49.9	19.3
		-5.0	-5.6	52.7	17.7	52.6	18.2	52.5	18.7	52.4	18.9	52.4	19.2	52.2	19.7
		-3.0	-3.7	54.9	18.1	54.8	18.5	54.7	19.0	54.6	19.2	54.6	19.5	54.4	20.0
		0.0	-0.7	58.4	18.6	58.3	19.0	58.1	19.5	58.1	19.7	58.0	19.9	54.9	18.8
		3.0	2.2	61.7	19.1	61.6	19.5	61.5	19.9	61.0	19.9	59.0	19.1	54.9	17.5
		5.0	4.1	63.9	19.3	63.8	19.7	63.0	19.8	61.0	19.0	59.0	18.3	54.9	16.8
		7.0	6.0	66.1	19.6	66.0	20.0	63.0	19.0	61.0	18.3	59.0	17.6	54.9	16.2
		9.0	7.9	68.3	19.8	67.0	19.7	63.0	18.3	61.0	17.6	59.0	16.9	54.9	15.6
		11.0	9.8	70.5	20.1	67.0	18.9	63.0	17.6	61.0	16.9	59.0	16.3	54.9	15.0
		13.0	11.8	71.1	19.5	67.0	18.2	63.0	16.9	61.0	16.3	59.0	15.7	54.9	14.5
		15.0	13.7	71.1	18.8	67.0	17.6	63.0	16.3	61.0	15.7	59.0	15.1	54.9	14.0
90	450	-19.8	-20.0	35.8	14.7	35.7	15.3	35.6	16.0	35.5	16.3	35.5	16.6	35.4	17.3
		-18.8	-19.0	36.9	15.1	36.8	15.7	36.7	16.3	36.7	16.6	36.6	17.0	36.5	17.6
		-16.7	-17.0	39.3	15.8	39.2	16.3	39.1	16.9	39.0	17.2	39.0	17.5	38.9	18.1
		-14.7	-15.0	41.6	16.4	41.5	16.9	41.4	17.5	41.3	17.8	41.3	18.1	41.2	18.6
		-12.6	-13.0	43.9	16.9	43.8	17.5	43.7	18.0	43.7	18.3	43.6	18.5	43.5	19.1
		-10.5	-11.0	46.2	17.4	46.1	17.9	46.0	18.4	46.0	18.7	45.9	18.9	45.8	19.4
		-9.5	-10.0	47.4	17.7	47.3	18.2	47.2	18.6	47.1	18.9	47.1	19.1	47.0	19.6
		-8.5	-9.1	48.4	17.9	48.3	18.3	48.2	18.8	48.2	19.1	48.1	19.3	48.0	19.8
		-7.0	-7.6	50.2	18.2	50.1	18.6	50.0	19.1	49.9	19.3	49.9	19.6	49.4	19.8
		-5.0	-5.6	52.5	18.6	52.4	19.0	52.3	19.4	52.2	19.7	52.2	19.9	49.4	18.7
		-3.0	-3.7	54.7	18.9	54.6	19.3	54.5	19.7	54.4	20.0	53.1	19.4	49.4	17.8
		0.0	-0.7	58.2	19.4	58.1	19.8	56.7	19.5	54.9	18.7	53.1	18.0	49.4	16.6
		3.0	2.2	61.5	19.8	60.3	19.6	56.7	18.2	54.9	17.5	53.1	16.8	49.4	15.5
		5.0	4.1	63.7	20.0	60.3	18.8	56.7	17.5	54.9	16.8	53.1	16.2	49.4	14.9
		7.0	6.0	64.0	19.3	60.3	18.0	56.7	16.8	54.9	16.1	53.1	15.5	49.4	14.3
		9.0	7.9	64.0	18.6	60.3	17.4	56.7	16.1	54.9	15.5	53.1	15.0	49.4	13.8
		11.0	9.8	64.0	17.9	60.3	16.7	56.7	15.6	54.9	15.0	53.1	14.4	49.4	13.3
		13.0	11.8	64.0	17.2	60.3	16.1	56.7	15.0	54.9	14.4	53.1	13.9	49.4	12.9
		15.0	13.7	64.0	16.6	60.3	15.6	56.7	14.5	54.9	14.0	53.1	13.5	49.4	12.4
80	400	-19.8	-20.0	35.6	15.9	35.5	16.5	35.4	17.1	35.4	17.4	35.3	17.7	35.2	18.3
		-18.8	-19.0	36.7	16.3	36.7	16.9	36.6	17.4	36.5	17.7	36.5	18.0	36.4	18.5
		-16.7	-17.0	39.1	16.9	39.0	17.4	38.9	18.0	38.8	18.2	38.8	18.5	38.7	19.0
		-14.7	-15.0	41.4	17.5	41.3	18.0	41.2	18.5	41.2	18.7	41.1	19.0	41.0	19.5
		-12.6	-13.0	43.7	18.0	43.6	18.4	43.5	18.9	43.5	19.1	43.4	19.4	43.4	19.8
		-10.5	-11.0	46.0	18.4	45.9	18.9	45.9	19.3	45.8	19.5	45.8	19.8	43.9	19.0
		-9.5	-10.0	47.2	18.6	47.1	19.1	47.0	19.5	47.0	19.7	46.9	19.9	43.9	18.4
		-8.5	-9.1	48.2	18.8	48.1	19.2	48.1	19.6	48.0	19.9	47.2	19.5	43.9	18.0
		-7.0	-7.6	50.0	19.1	49.9	19.5	49.8	19.9	48.8	19.5	47.2	18.7	43.9	17.2
		-5.0	-5.6	52.3	19.4	52.2	19.8	50.4	19.2	48.8	18.4	47.2	17.7	43.9	16.3
		-3.0	-3.7	54.5	19.7	53.6	19.7	50.4	18.2	48.8	17.6	47.2	16.9	43.9	15.5
		0.0	-0.7	56.9	19.6	53.6	18.2	50.4	16.9	48.8	16.3	47.2	15.7	43.9	14.5
		3.0	2.2	56.9	18.3	53.6	17.1	50.4	15.9	48.8	15.3	47.2	14.7	43.9	13.6
		5.0	4.1	56.9	17.5	53.6	16.4	50.4	15.2	48.8	14.7	47.2	14.1	43.9	13.1
		7.0	6.0	56.9	16.8	53.6	15.7	50.4	14.7	48.8	14.1	47.2	13.6	43.9	12.6
		9.0	7.9	56.9	16.2	53.6	15.1	50.4	14.1	48.8	13.6	47.2	13.1	43.9	12.1
		11.0	9.8	56.9	15.6	53.6	14.6	50.4	13.6	48.8	13.1	47.2	12.7	43.9	11.7
		13.0	11.8	56.9	15.0	53.6	14.1	50.4	13.1	48.8	12.7	47.2	12.2	43.9	11.3
		15.0	13.7	56.9	14.5	53.6	13.6	50.4	12.7	48.8	12.3	47.2	11.8	43.9	11.0

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	350	-19.8	-20.0	35.4	17.2	35.3	17.7	35.2	18.2	35.2	18.5	35.2	18.8	35.1	19.3
		-18.8	-19.0	36.6	17.5	36.5	18.0	36.4	18.5	36.4	18.8	36.3	19.0	36.2	19.5
		-16.7	-17.0	38.9	18.1	38.8	18.5	38.7	19.0	38.7	19.2	38.6	19.5	38.4	19.8
		-14.7	-15.0	41.2	18.6	41.1	19.0	41.0	19.4	41.0	19.7	41.0	19.9	38.4	18.5
		-12.6	-13.0	43.5	19.0	43.4	19.4	43.4	19.8	42.7	19.6	41.3	18.8	38.4	17.3
		-10.5	-11.0	45.8	19.4	45.8	19.8	44.1	19.1	42.7	18.4	41.3	17.7	38.4	16.2
		-9.5	-10.0	47.0	19.6	46.9	20.0	44.1	18.5	42.7	17.8	41.3	17.1	38.4	15.8
		-8.5	-9.1	48.0	19.7	46.9	19.4	44.1	18.0	42.7	17.4	41.3	16.7	38.4	15.4
		-7.0	-7.6	49.8	20.0	46.9	18.6	44.1	17.3	42.7	16.6	41.3	16.0	38.4	14.8
		-5.0	-5.6	49.8	18.9	46.9	17.6	44.1	16.4	42.7	15.8	41.3	15.2	38.4	14.0
		-3.0	-3.7	49.8	18.0	46.9	16.8	44.1	15.6	42.7	15.0	41.3	14.5	38.4	13.4
		0.0	-0.7	49.8	16.7	46.9	15.6	44.1	14.5	42.7	14.0	41.3	13.5	38.4	12.5
		3.0	2.2	49.8	15.6	46.9	14.6	44.1	13.6	42.7	13.2	41.3	12.7	38.4	11.7
		5.0	4.1	49.8	15.0	46.9	14.1	44.1	13.1	42.7	12.7	41.3	12.2	38.4	11.3
		7.0	6.0	49.8	14.4	46.9	13.5	44.1	12.6	42.7	12.2	41.3	11.8	38.4	10.9
		9.0	7.9	49.8	13.9	46.9	13.0	44.1	12.2	42.7	11.8	41.3	11.4	38.4	10.5
		11.0	9.8	49.8	13.4	46.9	12.6	44.1	11.8	42.7	11.4	41.3	11.0	38.4	10.2
		13.0	11.8	49.8	13.0	46.9	12.2	44.1	11.4	42.7	11.0	41.3	10.6	38.4	9.86
		15.0	13.7	49.8	12.5	46.9	11.8	44.1	11.0	42.7	10.7	41.3	10.3	38.4	9.56
60	300	-19.8	-20.0	35.2	18.5	35.1	18.9	35.1	19.4	35.0	19.6	35.0	19.8	32.9	18.5
		-18.8	-19.0	36.4	18.8	36.3	19.2	36.2	19.6	36.2	19.8	35.4	19.4	32.9	17.8
		-16.7	-17.0	38.7	19.2	38.6	19.6	37.8	19.4	36.6	18.7	35.4	17.9	32.9	16.5
		-14.7	-15.0	41.0	19.7	40.2	19.5	37.8	18.1	36.6	17.4	35.4	16.7	32.9	15.4
		-12.6	-13.0	42.7	19.6	40.2	18.2	37.8	16.9	36.6	16.3	35.4	15.7	32.9	14.5
		-10.5	-11.0	42.7	18.4	40.2	17.1	37.8	15.9	36.6	15.3	35.4	14.8	32.9	13.6
		-9.5	-10.0	42.7	17.8	40.2	16.6	37.8	15.5	36.6	14.9	35.4	14.4	32.9	13.3
		-8.5	-9.1	42.7	17.4	40.2	16.2	37.8	15.1	36.6	14.5	35.4	14.0	32.9	12.9
		-7.0	-7.6	42.7	16.6	40.2	15.5	37.8	14.5	36.6	14.0	35.4	13.4	32.9	12.4
		-5.0	-5.6	42.7	15.8	40.2	14.8	37.8	13.8	36.6	13.3	35.4	12.8	32.9	11.8
		-3.0	-3.7	42.7	15.0	40.2	14.1	37.8	13.1	36.6	12.7	35.4	12.2	32.9	11.3
		0.0	-0.7	42.7	14.0	40.2	13.1	37.8	12.3	36.6	11.8	35.4	11.4	32.9	10.6
		3.0	2.2	42.7	13.2	40.2	12.3	37.8	11.5	36.6	11.1	35.4	10.8	32.9	9.99
		5.0	4.1	42.7	12.6	40.2	11.9	37.8	11.1	36.6	10.7	35.4	10.4	32.9	9.63
		7.0	6.0	42.7	12.2	40.2	11.4	37.8	10.7	36.6	10.4	35.4	10.0	32.9	9.31
		9.0	7.9	42.7	11.8	40.2	11.1	37.8	10.4	36.6	10.0	35.4	9.67	32.9	9.00
		11.0	9.8	42.7	11.4	40.2	10.7	37.8	10.0	36.6	9.69	35.4	9.36	32.9	8.72
		13.0	11.8	42.7	11.0	40.2	10.3	37.8	9.69	36.6	9.38	35.4	9.06	32.9	8.45
		15.0	13.7	42.7	10.6	40.2	10.0	37.8	9.40	36.6	9.10	35.4	8.80	32.9	8.21
50	250	-19.8	-20.0	35.0	19.8	33.5	18.9	31.5	17.5	30.5	16.9	29.5	16.2	27.5	15.0
		-18.8	-19.0	35.5	19.5	33.5	18.2	31.5	16.9	30.5	16.2	29.5	15.6	27.5	14.4
		-16.7	-17.0	35.5	18.1	33.5	16.8	31.5	15.7	30.5	15.1	29.5	14.5	27.5	13.4
		-14.7	-15.0	35.5	16.8	33.5	15.7	31.5	14.7	30.5	14.1	29.5	13.6	27.5	12.6
		-12.6	-13.0	35.5	15.8	33.5	14.8	31.5	13.8	30.5	13.3	29.5	12.8	27.5	11.8
		-10.5	-11.0	35.5	14.9	33.5	13.9	31.5	13.0	30.5	12.5	29.5	12.1	27.5	11.2
		-9.5	-10.0	35.5	14.4	33.5	13.5	31.5	12.6	30.5	12.2	29.5	11.7	27.5	10.9
		-8.5	-9.1	35.5	14.1	33.5	13.2	31.5	12.3	30.5	11.9	29.5	11.5	27.5	10.6
		-7.0	-7.6	35.5	13.5	33.5	12.7	31.5	11.8	30.5	11.4	29.5	11.0	27.5	10.2
		-5.0	-5.6	35.5	12.9	33.5	12.1	31.5	11.3	30.5	10.9	29.5	10.5	27.5	9.77
		-3.0	-3.7	35.5	12.3	33.5	11.5	31.5	10.8	30.5	10.4	29.5	10.1	27.5	9.37
		0.0	-0.7	35.5	11.5	33.5	10.8	31.5	10.1	30.5	9.78	29.5	9.45	27.5	8.80
		3.0	2.2	35.5	10.8	33.5	10.2	31.5	9.54	30.5	9.23	29.5	8.93	27.5	8.32
		5.0	4.1	35.5	10.4	33.5	9.81	31.5	9.21	30.5	8.91	29.5	8.62	27.5	8.04
		7.0	6.0	35.5	10.1	33.5	9.47	31.5	8.90	30.5	8.62	29.5	8.34	27.5	7.78
		9.0	7.9	35.5	9.72	33.5	9.16	31.5	8.61	30.5	8.34	29.5	8.07	27.5	7.54
		11.0	9.8	35.5	9.41	33.5	8.88	31.5	8.35	30.5	8.09	29.5	7.83	27.5	7.32
		13.0	11.8	35.5	9.11	33.5	8.60	31.5	8.09	30.5	7.84	29.5	7.59	27.5	7.10
		15.0	13.7	35.5	8.84	33.5	8.35	31.5	7.86	30.5	7.62	29.5	7.38	27.5	6.91

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

PA-22ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	715	-19.8	-20.0	37.3	8.64	37.2	9.72	37.0	10.8	36.9	11.3	36.9	11.9	36.7	13.0
		-18.8	-19.0	38.6	9.34	38.5	10.4	38.3	11.4	38.3	11.9	38.2	12.5	38.0	13.5
		-16.7	-17.0	41.3	10.6	41.1	11.6	40.9	12.5	40.9	13.0	40.8	13.5	40.6	14.5
		-14.7	-15.0	43.9	11.7	43.7	12.6	43.6	13.5	43.5	13.9	43.4	14.4	43.2	15.3
		-12.6	-13.0	46.5	12.6	46.3	13.5	46.2	14.3	46.1	14.8	46.0	15.2	45.9	16.0
		-10.5	-11.0	49.1	13.5	49.0	14.3	48.8	15.1	48.7	15.5	48.6	15.9	48.5	16.7
		-9.5	-10.0	50.4	13.9	50.3	14.7	50.1	15.4	50.0	15.8	49.9	16.2	49.8	17.0
		-8.5	-9.1	51.6	14.2	51.4	15.0	51.3	15.7	51.2	16.1	51.1	16.5	51.0	17.3
		-7.0	-7.6	53.6	14.7	53.4	15.5	53.2	16.2	53.2	16.6	53.1	16.9	52.9	17.7
		-5.0	-5.6	56.2	15.4	56.0	16.1	55.9	16.8	55.8	17.1	55.7	17.5	55.5	18.2
		-3.0	-3.7	58.7	15.9	58.5	16.6	58.3	17.3	58.3	17.6	58.2	17.9	58.0	18.6
		0.0	-0.7	62.6	16.7	62.4	17.3	62.3	17.9	62.2	18.3	62.1	18.6	61.9	19.2
		3.0	2.2	66.4	17.4	66.2	17.9	66.1	18.5	66.0	18.8	65.9	19.1	65.7	19.7
		5.0	4.1	68.9	17.7	68.7	18.3	68.5	18.9	68.5	19.2	68.4	19.4	68.2	20.0
		7.0	6.0	71.3	18.1	71.2	18.7	71.0	19.2	70.9	19.5	70.9	19.8	70.7	20.3
		9.0	7.9	73.8	18.5	73.7	19.0	73.5	19.5	73.4	19.8	73.4	20.0	73.2	20.6
		11.0	9.8	76.3	18.8	76.2	19.3	76.0	19.8	75.9	20.0	75.8	20.3	75.7	20.8
		13.0	11.8	78.9	19.1	78.8	19.6	78.6	20.1	78.5	20.3	78.5	20.6	78.2	21.0
		15.0	13.7	81.4	19.4	81.3	19.8	81.1	20.3	81.0	20.6	80.9	20.8	78.2	20.2
120	660	-19.8	-20.0	37.1	10.1	37.0	11.1	36.8	12.1	36.8	12.6	36.7	13.1	36.5	14.1
		-18.8	-19.0	38.4	10.7	38.3	11.7	38.1	12.7	38.1	13.1	38.0	13.6	37.9	14.6
		-16.7	-17.0	41.1	11.9	40.9	12.8	40.8	13.7	40.7	14.1	40.6	14.6	40.5	15.5
		-14.7	-15.0	43.7	12.9	43.5	13.7	43.4	14.6	43.3	15.0	43.2	15.4	43.1	16.3
		-12.6	-13.0	46.3	13.8	46.1	14.6	46.0	15.4	45.9	15.8	45.8	16.2	45.7	16.9
		-10.5	-11.0	48.9	14.6	48.8	15.3	48.6	16.1	48.5	16.4	48.5	16.8	48.3	17.5
		-9.5	-10.0	50.2	14.9	50.1	15.7	49.9	16.4	49.8	16.7	49.8	17.1	49.6	17.8
		-8.5	-9.1	51.4	15.2	51.2	15.9	51.1	16.7	51.0	17.0	50.9	17.4	50.8	18.1
		-7.0	-7.6	53.3	15.7	53.2	16.4	53.1	17.1	53.0	17.4	52.9	17.8	52.8	18.4
		-5.0	-5.6	56.0	16.3	55.8	17.0	55.7	17.6	55.6	17.9	55.5	18.3	55.4	18.9
		-3.0	-3.7	58.4	16.8	58.3	17.4	58.2	18.1	58.1	18.4	58.0	18.7	57.9	19.3
		0.0	-0.7	62.4	17.5	62.2	18.1	62.1	18.7	62.0	19.0	61.9	19.3	61.8	19.8
		3.0	2.2	66.2	18.1	66.0	18.7	65.9	19.2	65.8	19.5	65.7	19.8	65.6	20.3
		5.0	4.1	68.6	18.5	68.5	19.0	68.4	19.6	68.3	19.8	68.2	20.1	68.1	20.6
		7.0	6.0	71.1	18.8	71.0	19.4	70.8	19.9	70.8	20.1	70.7	20.4	70.5	20.9
		9.0	7.9	73.6	19.2	73.5	19.7	73.3	20.1	73.2	20.4	73.2	20.6	72.2	20.7
		11.0	9.8	76.1	19.5	76.0	19.9	75.8	20.4	75.7	20.6	75.7	20.9	72.2	19.9
		13.0	11.8	78.7	19.7	78.6	20.2	78.4	20.7	78.3	20.9	77.5	20.8	72.2	19.1
		15.0	13.7	81.2	20.0	81.1	20.4	80.9	20.9	80.1	20.8	77.5	20.0	72.2	18.4
110	605	-19.8	-20.0	36.9	11.6	36.8	12.5	36.6	13.4	36.6	13.8	36.5	14.3	36.4	15.2
		-18.8	-19.0	38.2	12.1	38.1	13.0	38.0	13.9	37.9	14.4	37.8	14.8	37.7	15.7
		-16.7	-17.0	40.8	13.2	40.7	14.0	40.6	14.8	40.5	15.3	40.4	15.7	40.3	16.5
		-14.7	-15.0	43.5	14.1	43.3	14.9	43.2	15.7	43.1	16.0	43.1	16.4	42.9	17.2
		-12.6	-13.0	46.1	14.9	45.9	15.7	45.8	16.4	45.7	16.7	45.7	17.1	45.5	17.8
		-10.5	-11.0	48.7	15.7	48.6	16.3	48.4	17.0	48.4	17.4	48.3	17.7	48.1	18.4
		-9.5	-10.0	50.0	16.0	49.9	16.7	49.7	17.3	49.7	17.7	49.6	18.0	49.5	18.6
		-8.5	-9.1	51.2	16.3	51.0	16.9	50.9	17.6	50.8	17.9	50.8	18.2	50.6	18.9
		-7.0	-7.6	53.1	16.7	53.0	17.3	52.9	18.0	52.8	18.3	52.7	18.6	52.6	19.2
		-5.0	-5.6	55.7	17.3	55.6	17.8	55.5	18.4	55.4	18.7	55.3	19.0	55.2	19.6
		-3.0	-3.7	58.2	17.7	58.1	18.3	58.0	18.9	57.9	19.1	57.8	19.4	57.7	20.0
		0.0	-0.7	62.2	18.4	62.0	18.9	61.9	19.4	61.8	19.7	61.8	20.0	61.6	20.5
		3.0	2.2	65.9	18.9	65.8	19.4	65.7	19.9	65.6	20.2	65.5	20.4	65.4	20.9
		5.0	4.1	68.4	19.3	68.3	19.8	68.2	20.2	68.1	20.5	68.0	20.7	66.1	20.4
		7.0	6.0	70.9	19.6	70.8	20.1	70.6	20.5	70.6	20.7	70.5	21.0	66.1	19.5
		9.0	7.9	73.4	19.9	73.3	20.3	73.1	20.8	73.1	21.0	71.0	20.3	66.1	18.7
		11.0	9.8	75.9	20.1	75.8	20.6	75.6	21.0	73.5	20.3	71.0	19.5	66.1	18.0
		13.0	11.8	78.5	20.4	78.4	20.8	75.9	20.3	73.5	19.5	71.0	18.7	66.1	17.3
		15.0	13.7	81.0	20.6	80.8	21.0	75.9	19.5	73.5	18.8	71.0	18.1	66.1	16.6

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	550	-19.8	-20.0	36.7	13.0	36.6	13.9	36.5	14.7	36.4	15.1	36.3	15.5	36.2	16.3
		-18.8	-19.0	38.0	13.6	37.9	14.4	37.8	15.2	37.7	15.6	37.6	16.0	37.5	16.8
		-16.7	-17.0	40.6	14.5	40.5	15.3	40.4	16.0	40.3	16.4	40.3	16.8	40.1	17.5
		-14.7	-15.0	43.2	15.4	43.1	16.1	43.0	16.8	42.9	17.1	42.9	17.5	42.8	18.2
		-12.6	-13.0	45.9	16.1	45.7	16.8	45.6	17.4	45.6	17.7	45.5	18.1	45.4	18.7
		-10.5	-11.0	48.5	16.7	48.3	17.4	48.2	18.0	48.2	18.3	48.1	18.6	48.0	19.2
		-9.5	-10.0	49.8	17.1	49.7	17.7	49.5	18.3	49.5	18.6	49.4	18.9	49.3	19.5
		-8.5	-9.1	51.0	17.3	50.8	17.9	50.7	18.5	50.7	18.8	50.6	19.1	50.5	19.7
		-7.0	-7.6	52.9	17.7	52.8	18.3	52.7	18.8	52.6	19.1	52.6	19.4	52.4	20.0
		-5.0	-5.6	55.5	18.2	55.4	18.7	55.3	19.3	55.2	19.6	55.2	19.8	55.0	20.4
		-3.0	-3.7	58.0	18.6	57.9	19.1	57.8	19.7	57.7	19.9	57.7	20.2	57.5	20.7
		0.0	-0.7	61.9	19.2	61.8	19.7	61.7	20.2	61.6	20.4	61.6	20.7	60.1	20.5
		3.0	2.2	65.7	19.7	65.6	20.2	65.5	20.6	65.4	20.9	64.6	20.7	60.1	19.0
		5.0	4.1	68.2	20.0	68.1	20.5	68.0	20.9	66.8	20.6	64.6	19.8	60.1	18.2
		7.0	6.0	70.7	20.3	70.6	20.7	69.0	20.5	66.8	19.7	64.6	18.9	60.1	17.4
		9.0	7.9	73.2	20.6	73.1	21.0	69.0	19.6	66.8	18.9	64.6	18.2	60.1	16.7
		11.0	9.8	75.7	20.8	73.4	20.3	69.0	18.9	66.8	18.2	64.6	17.5	60.1	16.1
		13.0	11.8	77.9	20.9	73.4	19.5	69.0	18.1	66.8	17.4	64.6	16.8	60.1	15.5
		15.0	13.7	77.9	20.1	73.4	18.8	69.0	17.5	66.8	16.8	64.6	16.2	60.1	14.9
90	495	-19.8	-20.0	36.5	14.5	36.4	15.2	36.3	16.0	36.2	16.4	36.2	16.7	36.1	17.5
		-18.8	-19.0	37.8	15.0	37.7	15.7	37.6	16.4	37.5	16.8	37.5	17.1	37.4	17.8
		-16.7	-17.0	40.4	15.8	40.3	16.5	40.2	17.2	40.1	17.5	40.1	17.8	40.0	18.5
		-14.7	-15.0	43.0	16.6	42.9	17.2	42.8	17.8	42.8	18.2	42.7	18.5	42.6	19.1
		-12.6	-13.0	45.6	17.2	45.5	17.8	45.4	18.4	45.4	18.7	45.3	19.0	45.2	19.6
		-10.5	-11.0	48.3	17.8	48.1	18.4	48.0	19.0	48.0	19.2	47.9	19.5	47.8	20.1
		-9.5	-10.0	49.6	18.1	49.5	18.7	49.3	19.2	49.3	19.5	49.2	19.7	49.1	20.3
		-8.5	-9.1	50.7	18.3	50.6	18.9	50.5	19.4	50.5	19.7	50.4	19.9	50.3	20.5
		-7.0	-7.6	52.7	18.7	52.6	19.2	52.5	19.7	52.4	20.0	52.4	20.2	52.3	20.7
		-5.0	-5.6	55.3	19.2	55.2	19.6	55.1	20.1	55.0	20.4	55.0	20.6	54.1	20.6
		-3.0	-3.7	57.8	19.5	57.7	20.0	57.6	20.5	57.5	20.7	57.5	20.9	54.1	19.6
		0.0	-0.7	61.7	20.1	61.6	20.5	61.5	20.9	60.1	20.4	58.1	19.6	54.1	18.1
		3.0	2.2	65.5	20.5	65.4	20.9	62.1	19.8	60.1	19.0	58.1	18.3	54.1	16.8
		5.0	4.1	68.0	20.8	66.1	20.3	62.1	18.9	60.1	18.2	58.1	17.5	54.1	16.1
		7.0	6.0	70.1	20.9	66.1	19.5	62.1	18.1	60.1	17.4	58.1	16.8	54.1	15.5
		9.0	7.9	70.1	20.0	66.1	18.7	62.1	17.4	60.1	16.7	58.1	16.1	54.1	14.9
		11.0	9.8	70.1	19.2	66.1	17.9	62.1	16.7	60.1	16.1	58.1	15.5	54.1	14.3
		13.0	11.8	70.1	18.5	66.1	17.2	62.1	16.1	60.1	15.5	58.1	14.9	54.1	13.8
		15.0	13.7	70.1	17.8	66.1	16.6	62.1	15.5	60.1	14.9	58.1	14.4	54.1	13.3
80	440	-19.8	-20.0	36.3	15.9	36.2	16.6	36.1	17.3	36.0	17.6	36.0	17.9	35.9	18.6
		-18.8	-19.0	37.6	16.4	37.5	17.0	37.4	17.7	37.3	18.0	37.3	18.3	37.2	18.9
		-16.7	-17.0	40.2	17.1	40.1	17.7	40.0	18.3	40.0	18.6	39.9	18.9	39.8	19.5
		-14.7	-15.0	42.8	17.8	42.7	18.4	42.6	18.9	42.6	19.2	42.5	19.5	42.4	20.0
		-12.6	-13.0	45.4	18.4	45.3	18.9	45.2	19.5	45.2	19.7	45.1	20.0	45.0	20.5
		-10.5	-11.0	48.0	18.9	47.9	19.4	47.9	19.9	47.8	20.2	47.8	20.4	47.7	20.9
		-9.5	-10.0	49.4	19.2	49.3	19.7	49.2	20.1	49.1	20.4	49.1	20.6	48.1	20.5
		-8.5	-9.1	50.5	19.4	50.4	19.9	50.3	20.3	50.3	20.6	50.2	20.8	48.1	19.9
		-7.0	-7.6	52.5	19.7	52.4	20.2	52.3	20.6	52.2	20.8	51.7	20.7	48.1	19.0
		-5.0	-5.6	55.1	20.1	55.0	20.5	54.9	21.0	53.4	20.3	51.7	19.5	48.1	18.0
		-3.0	-3.7	57.6	20.4	57.5	20.9	55.2	20.0	53.4	19.3	51.7	18.5	48.1	17.0
		0.0	-0.7	61.5	20.9	58.7	19.9	55.2	18.5	53.4	17.8	51.7	17.1	48.1	15.8
		3.0	2.2	62.3	19.8	58.7	18.5	55.2	17.2	53.4	16.6	51.7	16.0	48.1	14.7
		5.0	4.1	62.3	19.0	58.7	17.7	55.2	16.5	53.4	15.9	51.7	15.3	48.1	14.1
		7.0	6.0	62.3	18.2	58.7	17.0	55.2	15.8	53.4	15.2	51.7	14.7	48.1	13.6
		9.0	7.9	62.3	17.4	58.7	16.3	55.2	15.2	53.4	14.7	51.7	14.1	48.1	13.1
		11.0	9.8	62.3	16.8	58.7	15.7	55.2	14.6	53.4	14.1	51.7	13.6	48.1	12.6
		13.0	11.8	62.3	16.1	58.7	15.1	55.2	14.1	53.4	13.6	51.7	13.1	48.1	12.1
		15.0	13.7	62.3	15.5	58.7	14.6	55.2	13.6	53.4	13.1	51.7	12.7	48.1	11.7

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	385	-19.8	-20.0	36.1	17.4	36.0	18.0	35.9	18.6	35.8	18.9	35.8	19.1	35.7	19.7
		-18.8	-19.0	37.4	17.8	37.3	18.3	37.2	18.9	37.2	19.2	37.1	19.5	37.0	20.0
		-16.7	-17.0	40.0	18.5	39.9	19.0	39.8	19.5	39.8	19.8	39.7	20.0	39.6	20.5
		-14.7	-15.0	42.6	19.0	42.5	19.5	42.4	20.0	42.4	20.3	42.3	20.5	42.1	20.9
		-12.6	-13.0	45.2	19.6	45.1	20.0	45.0	20.5	45.0	20.7	45.0	20.9	42.1	19.4
		-10.5	-11.0	47.8	20.0	47.7	20.5	47.7	20.9	46.7	20.5	45.2	19.7	42.1	18.1
		-9.5	-10.0	49.1	20.2	49.1	20.7	48.3	20.6	46.7	19.8	45.2	19.1	42.1	17.5
		-8.5	-9.1	50.3	20.4	50.2	20.8	48.3	20.0	46.7	19.3	45.2	18.5	42.1	17.1
		-7.0	-7.6	52.3	20.7	51.4	20.6	48.3	19.1	46.7	18.4	45.2	17.7	42.1	16.3
		-5.0	-5.6	54.5	20.8	51.4	19.4	48.3	18.0	46.7	17.4	45.2	16.7	42.1	15.4
		-3.0	-3.7	54.5	19.7	51.4	18.4	48.3	17.1	46.7	16.5	45.2	15.9	42.1	14.7
		0.0	-0.7	54.5	18.2	51.4	17.0	48.3	15.9	46.7	15.3	45.2	14.7	42.1	13.6
		3.0	2.2	54.5	17.0	51.4	15.9	48.3	14.8	46.7	14.3	45.2	13.8	42.1	12.7
		5.0	4.1	54.5	16.2	51.4	15.2	48.3	14.2	46.7	13.7	45.2	13.2	42.1	12.2
		7.0	6.0	54.5	15.6	51.4	14.6	48.3	13.6	46.7	13.2	45.2	12.7	42.1	11.8
		9.0	7.9	54.5	15.0	51.4	14.0	48.3	13.1	46.7	12.7	45.2	12.2	42.1	11.3
		11.0	9.8	54.5	14.4	51.4	13.5	48.3	12.6	46.7	12.2	45.2	11.8	42.1	10.9
		13.0	11.8	54.5	13.9	51.4	13.0	48.3	12.2	46.7	11.8	45.2	11.4	42.1	10.6
		15.0	13.7	54.5	13.4	51.4	12.6	48.3	11.8	46.7	11.4	45.2	11.0	42.1	10.2
60	330	-19.8	-20.0	35.8	18.9	35.8	19.4	35.7	19.9	35.7	20.1	35.6	20.4	35.6	20.9
		-18.8	-19.0	37.2	19.2	37.1	19.7	37.0	20.1	37.0	20.4	36.9	20.6	36.1	20.4
		-16.7	-17.0	39.8	19.8	39.7	20.2	39.6	20.7	39.6	20.9	38.7	20.4	36.1	18.8
		-14.7	-15.0	42.4	20.3	42.3	20.7	41.4	20.5	40.1	19.7	38.7	18.9	36.1	17.4
		-12.6	-13.0	45.0	20.7	44.1	20.5	41.4	19.0	40.1	18.3	38.7	17.6	36.1	16.2
		-10.5	-11.0	46.7	20.5	44.1	19.1	41.4	17.8	40.1	17.1	38.7	16.5	36.1	15.2
		-9.5	-10.0	46.7	19.8	44.1	18.5	41.4	17.2	40.1	16.6	38.7	16.0	36.1	14.7
		-8.5	-9.1	46.7	19.3	44.1	18.0	41.4	16.7	40.1	16.1	38.7	15.5	36.1	14.3
		-7.0	-7.6	46.7	18.4	44.1	17.2	41.4	16.0	40.1	15.4	38.7	14.9	36.1	13.7
		-5.0	-5.6	46.7	17.4	44.1	16.2	41.4	15.1	40.1	14.6	38.7	14.1	36.1	13.0
		-3.0	-3.7	46.7	16.5	44.1	15.4	41.4	14.4	40.1	13.9	38.7	13.4	36.1	12.4
		0.0	-0.7	46.7	15.3	44.1	14.3	41.4	13.4	40.1	12.9	38.7	12.4	36.1	11.5
		3.0	2.2	46.7	14.3	44.1	13.4	41.4	12.5	40.1	12.1	38.7	11.7	36.1	10.8
		5.0	4.1	46.7	13.7	44.1	12.8	41.4	12.0	40.1	11.6	38.7	11.2	36.1	10.4
		7.0	6.0	46.7	13.1	44.1	12.3	41.4	11.6	40.1	11.2	38.7	10.8	36.1	10.0
		9.0	7.9	46.7	12.7	44.1	11.9	41.4	11.1	40.1	10.8	38.7	10.4	36.1	9.69
		11.0	9.8	46.7	12.2	44.1	11.5	41.4	10.8	40.1	10.4	38.7	10.1	36.1	9.37
		13.0	11.8	46.7	11.8	44.1	11.1	41.4	10.4	40.1	10.0	38.7	9.71	36.1	9.06
		15.0	13.7	46.7	11.4	44.1	10.7	41.4	10.1	40.1	9.73	38.7	9.41	36.1	8.78
50	275	-19.8	-20.0	35.6	20.3	35.6	20.7	34.5	20.2	33.4	19.5	32.3	18.7	30.1	17.2
		-18.8	-19.0	36.9	20.6	36.7	20.8	34.5	19.4	33.4	18.6	32.3	17.9	30.1	16.5
		-16.7	-17.0	38.9	20.6	36.7	19.2	34.5	17.8	33.4	17.2	32.3	16.5	30.1	15.2
		-14.7	-15.0	38.9	19.0	36.7	17.8	34.5	16.5	33.4	15.9	32.3	15.3	30.1	14.2
		-12.6	-13.0	38.9	17.7	36.7	16.5	34.5	15.4	33.4	14.9	32.3	14.3	30.1	13.2
		-10.5	-11.0	38.9	16.6	36.7	15.5	34.5	14.5	33.4	13.9	32.3	13.4	30.1	12.5
		-9.5	-10.0	38.9	16.0	36.7	15.0	34.5	14.0	33.4	13.5	32.3	13.0	30.1	12.1
		-8.5	-9.1	38.9	15.6	36.7	14.6	34.5	13.7	33.4	13.2	32.3	12.7	30.1	11.8
		-7.0	-7.6	38.9	14.9	36.7	14.0	34.5	13.1	33.4	12.6	32.3	12.2	30.1	11.3
		-5.0	-5.6	38.9	14.1	36.7	13.3	34.5	12.4	33.4	12.0	32.3	11.6	30.1	10.7
		-3.0	-3.7	38.9	13.5	36.7	12.6	34.5	11.8	33.4	11.4	32.3	11.0	30.1	10.3
		0.0	-0.7	38.9	12.5	36.7	11.8	34.5	11.0	33.4	10.7	32.3	10.3	30.1	9.59
		3.0	2.2	38.9	11.7	36.7	11.0	34.5	10.3	33.4	10.0	32.3	9.68	30.1	9.03
		5.0	4.1	38.9	11.3	36.7	10.6	34.5	9.96	33.4	9.64	32.3	9.32	30.1	8.70
		7.0	6.0	38.9	10.8	36.7	10.2	34.5	9.60	33.4	9.30	32.3	8.99	30.1	8.40
		9.0	7.9	38.9	10.5	36.7	9.86	34.5	9.27	33.4	8.98	32.3	8.69	30.1	8.12
		11.0	9.8	38.9	10.1	36.7	9.53	34.5	8.97	33.4	8.69	32.3	8.41	30.1	7.87
		13.0	11.8	38.9	9.76	36.7	9.21	34.5	8.67	33.4	8.40	32.3	8.14	30.1	7.62
		15.0	13.7	38.9	9.46	36.7	8.93	34.5	8.41	33.4	8.15	32.3	7.90	30.1	7.40

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

PA-24ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	780	-19.8	-20.0	43.2	11.2	43.1	12.4	42.9	13.6	42.8	14.2	42.7	14.8	42.5	16.0
		-18.8	-19.0	44.8	12.0	44.6	13.2	44.4	14.3	44.3	14.9	44.2	15.5	44.1	16.6
		-16.7	-17.0	47.8	13.4	47.6	14.5	47.4	15.5	47.4	16.1	47.3	16.6	47.1	17.7
		-14.7	-15.0	50.8	14.6	50.7	15.6	50.5	16.6	50.4	17.1	50.3	17.6	50.1	18.6
		-12.6	-13.0	53.9	15.7	53.7	16.6	53.5	17.5	53.4	18.0	53.3	18.5	53.2	19.4
		-10.5	-11.0	56.9	16.6	56.7	17.5	56.6	18.4	56.5	18.8	56.4	19.3	56.2	20.2
		-9.5	-10.0	58.4	17.0	58.2	17.9	58.1	18.8	58.0	19.2	57.9	19.6	57.7	20.5
		-8.5	-9.1	59.8	17.4	59.6	18.2	59.4	19.1	59.4	19.5	59.3	19.9	59.1	20.8
		-7.0	-7.6	62.1	18.0	61.9	18.8	61.7	19.6	61.6	20.0	61.5	20.4	61.4	21.2
		-5.0	-5.6	65.1	18.7	64.9	19.5	64.8	20.2	64.7	20.6	64.6	21.0	64.4	21.8
		-3.0	-3.7	68.0	19.3	67.8	20.0	67.6	20.8	67.6	21.1	67.5	21.5	67.3	22.2
		0.0	-0.7	72.6	20.1	72.4	20.8	72.2	21.5	72.1	21.9	72.0	22.2	71.9	22.9
		3.0	2.2	77.0	20.9	76.8	21.5	76.6	22.2	76.5	22.5	76.4	22.8	76.3	23.5
		5.0	4.1	79.8	21.3	79.7	21.9	79.5	22.6	79.4	22.9	79.3	23.2	79.1	23.8
		7.0	6.0	82.7	21.7	82.6	22.3	82.4	22.9	82.3	23.2	82.2	23.5	82.0	24.1
		9.0	7.9	85.6	22.1	85.4	22.7	85.3	23.3	85.2	23.5	85.1	23.8	84.9	24.4
		11.0	9.8	88.5	22.4	88.3	23.0	88.2	23.6	88.1	23.9	88.0	24.1	86.7	24.2
		13.0	11.8	91.5	22.8	91.4	23.3	91.2	23.9	91.1	24.1	91.0	24.4	86.7	23.2
		15.0	13.7	94.4	23.1	94.3	23.6	94.1	24.1	94.0	24.4	93.1	24.3	86.7	22.3
120	720	-19.8	-20.0	43.0	12.9	42.8	14.0	42.7	15.1	42.6	15.6	42.5	16.2	42.3	17.3
		-18.8	-19.0	44.5	13.6	44.4	14.6	44.2	15.7	44.1	16.2	44.0	16.8	43.9	17.8
		-16.7	-17.0	47.6	14.8	47.4	15.8	47.2	16.8	47.1	17.3	47.1	17.8	46.9	18.8
		-14.7	-15.0	50.6	15.9	50.4	16.9	50.3	17.8	50.2	18.3	50.1	18.7	49.9	19.7
		-12.6	-13.0	53.6	16.9	53.5	17.8	53.3	18.7	53.2	19.1	53.1	19.5	53.0	20.4
		-10.5	-11.0	56.7	17.8	56.5	18.6	56.3	19.4	56.3	19.9	56.2	20.3	56.0	21.1
		-9.5	-10.0	58.2	18.2	58.0	19.0	57.9	19.8	57.8	20.2	57.7	20.6	57.5	21.4
		-8.5	-9.1	59.6	18.5	59.4	19.3	59.2	20.1	59.2	20.5	59.1	20.9	58.9	21.7
		-7.0	-7.6	61.8	19.1	61.7	19.8	61.5	20.6	61.4	20.9	61.3	21.3	61.2	22.1
		-5.0	-5.6	64.9	19.7	64.7	20.4	64.5	21.2	64.5	21.5	64.4	21.9	64.2	22.6
		-3.0	-3.7	67.8	20.3	67.6	21.0	67.4	21.7	67.4	22.0	67.3	22.3	67.1	23.0
		0.0	-0.7	72.3	21.1	72.2	21.7	72.0	22.4	71.9	22.7	71.8	23.0	71.7	23.6
		3.0	2.2	76.7	21.8	76.6	22.4	76.4	23.0	76.3	23.3	76.2	23.6	76.1	24.2
		5.0	4.1	79.6	22.2	79.4	22.7	79.3	23.3	79.2	23.6	79.1	23.9	79.0	24.5
		7.0	6.0	82.5	22.5	82.3	23.1	82.2	23.6	82.1	23.9	82.0	24.2	80.0	23.9
		9.0	7.9	85.4	22.9	85.2	23.4	85.1	24.0	85.0	24.2	84.9	24.5	80.0	22.9
		11.0	9.8	88.3	23.2	88.1	23.7	87.9	24.2	87.9	24.5	85.9	23.9	80.0	22.0
		13.0	11.8	91.3	23.5	91.1	24.0	91.0	24.5	88.9	23.9	85.9	23.0	80.0	21.1
		15.0	13.7	94.2	23.8	94.0	24.3	91.8	23.9	88.9	23.0	85.9	22.1	80.0	20.3
110	660	-19.8	-20.0	42.8	14.5	42.6	15.5	42.5	16.5	42.4	17.0	42.3	17.5	42.2	18.5
		-18.8	-19.0	44.3	15.1	44.1	16.1	44.0	17.1	43.9	17.6	43.8	18.0	43.7	19.0
		-16.7	-17.0	47.3	16.3	47.2	17.2	47.0	18.1	46.9	18.6	46.9	19.0	46.7	19.9
		-14.7	-15.0	50.4	17.3	50.2	18.2	50.1	19.0	50.0	19.4	49.9	19.9	49.8	20.7
		-12.6	-13.0	53.4	18.2	53.2	19.0	53.1	19.8	53.0	20.2	52.9	20.6	52.8	21.4
		-10.5	-11.0	56.4	19.0	56.3	19.8	56.1	20.5	56.1	20.9	56.0	21.3	55.8	22.0
		-9.5	-10.0	58.0	19.4	57.8	20.1	57.7	20.8	57.6	21.2	57.5	21.6	57.4	22.3
		-8.5	-9.1	59.3	19.7	59.2	20.4	59.0	21.1	58.9	21.5	58.9	21.8	58.7	22.5
		-7.0	-7.6	61.6	20.2	61.4	20.9	61.3	21.5	61.2	21.9	61.2	22.2	61.0	22.9
		-5.0	-5.6	64.6	20.8	64.5	21.4	64.3	22.1	64.3	22.4	64.2	22.7	64.0	23.4
		-3.0	-3.7	67.5	21.3	67.4	21.9	67.2	22.5	67.2	22.9	67.1	23.2	66.9	23.8
		0.0	-0.7	72.1	22.0	71.9	22.6	71.8	23.2	71.7	23.5	71.6	23.8	71.5	24.4
		3.0	2.2	76.5	22.6	76.3	23.2	76.2	23.7	76.1	24.0	76.0	24.3	73.3	23.5
		5.0	4.1	79.4	23.0	79.2	23.5	79.1	24.1	79.0	24.3	78.7	24.5	73.3	22.5
		7.0	6.0	82.3	23.3	82.1	23.9	82.0	24.4	81.4	24.4	78.7	23.4	73.3	21.5
		9.0	7.9	85.1	23.7	85.0	24.2	84.2	24.3	81.4	23.4	78.7	22.5	73.3	20.7
		11.0	9.8	88.0	24.0	87.9	24.4	84.2	23.4	81.4	22.5	78.7	21.6	73.3	19.8
		13.0	11.8	91.1	24.3	89.6	24.1	84.2	22.4	81.4	21.5	78.7	20.7	73.3	19.1
		15.0	13.7	94.0	24.5	89.6	23.2	84.2	21.6	81.4	20.8	78.7	20.0	73.3	18.4

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	600	-19.8	-20.0	42.5	16.1	42.4	17.0	42.3	17.9	42.2	18.4	42.1	18.8	42.0	19.8
		-18.8	-19.0	44.0	16.7	43.9	17.6	43.8	18.4	43.7	18.9	43.6	19.3	43.5	20.2
		-16.7	-17.0	47.1	17.7	46.9	18.6	46.8	19.4	46.7	19.8	46.7	20.2	46.5	21.0
		-14.7	-15.0	50.1	18.7	50.0	19.4	49.8	20.2	49.8	20.6	49.7	21.0	49.6	21.8
		-12.6	-13.0	53.2	19.5	53.0	20.2	52.9	20.9	52.8	21.3	52.8	21.7	52.6	22.4
		-10.5	-11.0	56.2	20.2	56.1	20.9	55.9	21.6	55.9	21.9	55.8	22.3	55.7	23.0
		-9.5	-10.0	57.7	20.5	57.6	21.2	57.4	21.9	57.4	22.2	57.3	22.5	57.2	23.2
		-8.5	-9.1	59.1	20.8	58.9	21.5	58.8	22.1	58.7	22.5	58.7	22.8	58.5	23.4
		-7.0	-7.6	61.4	21.3	61.2	21.9	61.1	22.5	61.0	22.8	61.0	23.1	60.8	23.8
		-5.0	-5.6	64.4	21.8	64.3	22.4	64.1	23.0	64.1	23.3	64.0	23.6	63.9	24.2
		-3.0	-3.7	67.3	22.3	67.2	22.9	67.0	23.4	66.9	23.7	66.9	24.0	66.7	24.5
		0.0	-0.7	71.8	22.9	71.7	23.5	71.6	24.0	71.5	24.3	71.4	24.5	66.7	22.6
		3.0	2.2	76.2	23.5	76.1	24.0	76.0	24.5	74.0	23.8	71.6	22.9	66.7	21.0
		5.0	4.1	79.1	23.9	79.0	24.3	76.5	23.7	74.0	22.8	71.6	21.9	66.7	20.1
		7.0	6.0	82.0	24.2	81.4	24.4	76.5	22.6	74.0	21.8	71.6	20.9	66.7	19.3
		9.0	7.9	84.9	24.5	81.4	23.4	76.5	21.7	74.0	20.9	71.6	20.1	66.7	18.5
		11.0	9.8	86.3	24.1	81.4	22.4	76.5	20.9	74.0	20.1	71.6	19.3	66.7	17.8
		13.0	11.8	86.3	23.1	81.4	21.5	76.5	20.0	74.0	19.3	71.6	18.5	66.7	17.1
		15.0	13.7	86.3	22.2	81.4	20.7	76.5	19.3	74.0	18.6	71.6	17.9	66.7	16.5
90	540	-19.8	-20.0	42.3	17.7	42.2	18.5	42.0	19.4	42.0	19.8	41.9	20.2	41.8	21.0
		-18.8	-19.0	43.8	18.2	43.7	19.0	43.6	19.8	43.5	20.2	43.4	20.6	43.3	21.4
		-16.7	-17.0	46.8	19.2	46.7	19.9	46.6	20.7	46.5	21.0	46.5	21.4	46.4	22.2
		-14.7	-15.0	49.9	20.0	49.8	20.7	49.6	21.4	49.6	21.8	49.5	22.1	49.4	22.8
		-12.6	-13.0	52.9	20.8	52.8	21.4	52.7	22.1	52.6	22.4	52.6	22.7	52.4	23.4
		-10.5	-11.0	56.0	21.4	55.8	22.0	55.7	22.6	55.7	23.0	55.6	23.3	55.5	23.9
		-9.5	-10.0	57.5	21.7	57.4	22.3	57.2	22.9	57.2	23.2	57.1	23.5	57.0	24.1
		-8.5	-9.1	58.8	22.0	58.7	22.6	58.6	23.1	58.5	23.4	58.5	23.7	58.4	24.3
		-7.0	-7.6	61.1	22.4	61.0	22.9	60.9	23.5	60.8	23.8	60.8	24.1	60.0	24.2
		-5.0	-5.6	64.2	22.9	64.0	23.4	63.9	23.9	63.9	24.2	63.8	24.5	60.0	22.8
		-3.0	-3.7	67.0	23.3	66.9	23.8	66.8	24.3	66.6	24.5	64.4	23.5	60.0	21.6
		0.0	-0.7	71.6	23.9	71.5	24.4	68.9	23.5	66.6	22.6	64.4	21.7	60.0	20.0
		3.0	2.2	76.0	24.4	73.3	23.5	68.9	21.8	66.6	21.0	64.4	20.2	60.0	18.6
		5.0	4.1	77.7	24.1	73.3	22.5	68.9	20.9	66.6	20.1	64.4	19.3	60.0	17.8
		7.0	6.0	77.7	23.1	73.3	21.5	68.9	20.0	66.6	19.3	64.4	18.5	60.0	17.1
		9.0	7.9	77.7	22.1	73.3	20.6	68.9	19.2	66.6	18.5	64.4	17.8	60.0	16.4
		11.0	9.8	77.7	21.2	73.3	19.8	68.9	18.5	66.6	17.8	64.4	17.1	60.0	15.8
		13.0	11.8	77.7	20.4	73.3	19.0	68.9	17.7	66.6	17.1	64.4	16.5	60.0	15.2
		15.0	13.7	77.7	19.6	73.3	18.4	68.9	17.1	66.6	16.5	64.4	15.9	60.0	14.7
80	480	-19.8	-20.0	42.1	19.3	41.9	20.0	41.8	20.8	41.8	21.2	41.7	21.5	41.6	22.3
		-18.8	-19.0	43.6	19.8	43.5	20.5	43.4	21.2	43.3	21.6	43.2	21.9	43.1	22.6
		-16.7	-17.0	46.6	20.6	46.5	21.3	46.4	22.0	46.3	22.3	46.3	22.6	46.2	23.3
		-14.7	-15.0	49.6	21.4	49.5	22.0	49.4	22.6	49.4	22.9	49.3	23.2	49.2	23.9
		-12.6	-13.0	52.7	22.0	52.6	22.6	52.5	23.2	52.4	23.5	52.4	23.8	52.3	24.4
		-10.5	-11.0	55.7	22.6	55.6	23.2	55.5	23.7	55.5	24.0	55.4	24.3	53.3	23.5
		-9.5	-10.0	57.2	22.9	57.1	23.4	57.0	24.0	57.0	24.2	56.9	24.5	53.3	22.7
		-8.5	-9.1	58.6	23.1	58.5	23.6	58.4	24.2	58.3	24.4	57.3	24.0	53.3	22.0
		-7.0	-7.6	60.9	23.5	60.8	24.0	60.7	24.5	59.2	23.8	57.3	22.9	53.3	21.0
		-5.0	-5.6	63.9	23.9	63.8	24.4	61.2	23.4	59.2	22.5	57.3	21.6	53.3	19.8
		-3.0	-3.7	66.8	24.3	65.1	23.8	61.2	22.1	59.2	21.3	57.3	20.5	53.3	18.8
		0.0	-0.7	69.1	23.6	65.1	22.0	61.2	20.4	59.2	19.7	57.3	18.9	53.3	17.4
		3.0	2.2	69.1	21.9	65.1	20.5	61.2	19.0	59.2	18.3	57.3	17.6	53.3	16.3
		5.0	4.1	69.1	21.0	65.1	19.6	61.2	18.2	59.2	17.6	57.3	16.9	53.3	15.6
		7.0	6.0	69.1	20.1	65.1	18.8	61.2	17.5	59.2	16.8	57.3	16.2	53.3	15.0
		9.0	7.9	69.1	19.3	65.1	18.0	61.2	16.8	59.2	16.2	57.3	15.6	53.3	14.4
		11.0	9.8	69.1	18.5	65.1	17.3	61.2	16.2	59.2	15.6	57.3	15.0	53.3	13.9
		13.0	11.8	69.1	17.8	65.1	16.7	61.2	15.6	59.2	15.0	57.3	14.5	53.3	13.4
		15.0	13.7	69.1	17.2	65.1	16.1	61.2	15.0	59.2	14.5	57.3	14.0	53.3	13.0

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	420	-19.8	-20.0	41.8	20.9	41.7	21.6	41.6	22.2	41.6	22.5	41.5	22.9	41.4	23.5
		-18.8	-19.0	43.3	21.3	43.2	22.0	43.1	22.6	43.1	22.9	43.1	23.2	43.0	23.8
		-16.7	-17.0	46.4	22.1	46.3	22.7	46.2	23.2	46.1	23.5	46.1	23.8	46.0	24.4
		-14.7	-15.0	49.4	22.7	49.3	23.3	49.2	23.8	49.2	24.1	49.1	24.4	46.7	23.1
		-12.6	-13.0	52.4	23.3	52.4	23.8	52.3	24.3	51.8	24.3	50.1	23.3	46.7	21.4
		-10.5	-11.0	55.5	23.8	55.4	24.3	53.6	23.6	51.8	22.7	50.1	21.8	46.7	20.0
		-9.5	-10.0	57.0	24.1	56.9	24.5	53.6	22.8	51.8	21.9	50.1	21.1	46.7	19.4
		-8.5	-9.1	58.4	24.3	57.0	23.9	53.6	22.1	51.8	21.3	50.1	20.5	46.7	18.9
		-7.0	-7.6	60.4	24.4	57.0	22.8	53.6	21.1	51.8	20.3	50.1	19.6	46.7	18.0
		-5.0	-5.6	60.4	23.0	57.0	21.4	53.6	19.9	51.8	19.2	50.1	18.5	46.7	17.0
		-3.0	-3.7	60.4	21.8	57.0	20.3	53.6	18.9	51.8	18.2	50.1	17.5	46.7	16.2
		0.0	-0.7	60.4	20.1	57.0	18.8	53.6	17.5	51.8	16.9	50.1	16.3	46.7	15.0
		3.0	2.2	60.4	18.8	57.0	17.5	53.6	16.4	51.8	15.8	50.1	15.2	46.7	14.1
		5.0	4.1	60.4	18.0	57.0	16.8	53.6	15.7	51.8	15.1	50.1	14.6	46.7	13.5
		7.0	6.0	60.4	17.2	57.0	16.1	53.6	15.1	51.8	14.5	50.1	14.0	46.7	13.0
		9.0	7.9	60.4	16.6	57.0	15.5	53.6	14.5	51.8	14.0	50.1	13.5	46.7	12.5
		11.0	9.8	60.4	15.9	57.0	14.9	53.6	14.0	51.8	13.5	50.1	13.0	46.7	12.1
		13.0	11.8	60.4	15.3	57.0	14.4	53.6	13.5	51.8	13.0	50.1	12.6	46.7	11.7
		15.0	13.7	60.4	14.8	57.0	13.9	53.6	13.0	51.8	12.6	50.1	12.2	46.7	11.3
60	360	-19.8	-20.0	41.6	22.5	41.5	23.1	41.4	23.6	41.4	23.9	41.3	24.2	40.0	23.6
		-18.8	-19.0	43.1	22.9	43.0	23.4	42.9	24.0	42.9	24.2	42.9	24.5	40.0	22.6
		-16.7	-17.0	46.1	23.5	46.1	24.0	45.9	24.5	44.4	23.5	43.0	22.6	40.0	20.8
		-14.7	-15.0	49.2	24.1	48.8	24.4	45.9	22.6	44.4	21.7	43.0	20.9	40.0	19.2
		-12.6	-13.0	51.8	24.3	48.8	22.6	45.9	21.0	44.4	20.2	43.0	19.4	40.0	17.9
		-10.5	-11.0	51.8	22.6	48.8	21.1	45.9	19.6	44.4	18.9	43.0	18.2	40.0	16.8
		-9.5	-10.0	51.8	21.9	48.8	20.4	45.9	19.0	44.4	18.3	43.0	17.6	40.0	16.3
		-8.5	-9.1	51.8	21.3	48.8	19.9	45.9	18.5	44.4	17.8	43.0	17.2	40.0	15.8
		-7.0	-7.6	51.8	20.3	48.8	19.0	45.9	17.7	44.4	17.1	43.0	16.4	40.0	15.2
		-5.0	-5.6	51.8	19.2	48.8	17.9	45.9	16.7	44.4	16.1	43.0	15.5	40.0	14.4
		-3.0	-3.7	51.8	18.2	48.8	17.0	45.9	15.9	44.4	15.3	43.0	14.8	40.0	13.7
		0.0	-0.7	51.8	16.9	48.8	15.8	45.9	14.8	44.4	14.3	43.0	13.8	40.0	12.8
		3.0	2.2	51.8	15.8	48.8	14.8	45.9	13.8	44.4	13.4	43.0	12.9	40.0	12.0
		5.0	4.1	51.8	15.1	48.8	14.2	45.9	13.3	44.4	12.8	43.0	12.4	40.0	11.5
		7.0	6.0	51.8	14.5	48.8	13.6	45.9	12.8	44.4	12.4	43.0	11.9	40.0	11.1
		9.0	7.9	51.8	14.0	48.8	13.1	45.9	12.3	44.4	11.9	43.0	11.5	40.0	10.7
		11.0	9.8	51.8	13.5	48.8	12.7	45.9	11.9	44.4	11.5	43.0	11.1	40.0	10.4
		13.0	11.8	51.8	13.0	48.8	12.2	45.9	11.5	44.4	11.1	43.0	10.7	40.0	10.0
		15.0	13.7	51.8	12.6	48.8	11.8	45.9	11.1	44.4	10.8	43.0	10.4	40.0	9.70
50	300	-19.8	-20.0	41.3	24.2	40.7	24.1	38.3	22.3	37.0	21.5	35.8	20.7	33.3	19.0
		-18.8	-19.0	42.9	24.5	40.7	23.0	38.3	21.4	37.0	20.6	35.8	19.8	33.3	18.2
		-16.7	-17.0	43.2	22.7	40.7	21.2	38.3	19.7	37.0	19.0	35.8	18.3	33.3	16.8
		-14.7	-15.0	43.2	21.0	40.7	19.6	38.3	18.3	37.0	17.6	35.8	16.9	33.3	15.7
		-12.6	-13.0	43.2	19.6	40.7	18.3	38.3	17.0	37.0	16.4	35.8	15.8	33.3	14.6
		-10.5	-11.0	43.2	18.3	40.7	17.1	38.3	16.0	37.0	15.4	35.8	14.9	33.3	13.8
		-9.5	-10.0	43.2	17.7	40.7	16.6	38.3	15.5	37.0	15.0	35.8	14.4	33.3	13.4
		-8.5	-9.1	43.2	17.3	40.7	16.2	38.3	15.1	37.0	14.6	35.8	14.0	33.3	13.0
		-7.0	-7.6	43.2	16.5	40.7	15.5	38.3	14.5	37.0	14.0	35.8	13.5	33.3	12.5
		-5.0	-5.6	43.2	15.6	40.7	14.7	38.3	13.7	37.0	13.2	35.8	12.8	33.3	11.9
		-3.0	-3.7	43.2	14.9	40.7	14.0	38.3	13.1	37.0	12.6	35.8	12.2	33.3	11.3
		0.0	-0.7	43.2	13.8	40.7	13.0	38.3	12.2	37.0	11.8	35.8	11.4	33.3	10.6
		3.0	2.2	43.2	13.0	40.7	12.2	38.3	11.4	37.0	11.1	35.8	10.7	33.3	9.97
		5.0	4.1	43.2	12.5	40.7	11.7	38.3	11.0	37.0	10.7	35.8	10.3	33.3	9.61
		7.0	6.0	43.2	12.0	40.7	11.3	38.3	10.6	37.0	10.3	35.8	9.94	33.3	9.28
		9.0	7.9	43.2	11.6	40.7	10.9	38.3	10.2	37.0	9.92	35.8	9.60	33.3	8.97
		11.0	9.8	43.2	11.2	40.7	10.5	38.3	9.91	37.0	9.60	35.8	9.29	33.3	8.69
		13.0	11.8	43.2	10.8	40.7	10.2	38.3	9.58	37.0	9.29	35.8	8.99	33.3	8.42
		15.0	13.7	43.2	10.5	40.7	9.87	38.3	9.29	37.0	9.01	35.8	8.73	33.3	8.17

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

PA-26ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	845	-19.8	-20.0	44.0	9.92	43.8	11.2	43.6	12.4	43.5	13.1	43.4	13.7	43.2	14.9
		-18.8	-19.0	45.5	10.7	45.3	11.9	45.1	13.1	45.0	13.7	45.0	14.4	44.8	15.6
		-16.7	-17.0	48.6	12.2	48.4	13.3	48.2	14.4	48.1	15.0	48.0	15.6	47.8	16.7
		-14.7	-15.0	51.7	13.4	51.5	14.5	51.3	15.5	51.2	16.1	51.1	16.6	50.9	17.7
		-12.6	-13.0	54.7	14.5	54.6	15.5	54.4	16.5	54.3	17.0	54.2	17.5	54.0	18.5
		-10.5	-11.0	57.8	15.5	57.6	16.5	57.5	17.4	57.4	17.9	57.3	18.4	57.1	19.3
		-9.5	-10.0	59.4	16.0	59.2	16.9	59.0	17.8	58.9	18.3	58.8	18.7	58.6	19.6
		-8.5	-9.1	60.8	16.4	60.6	17.3	60.4	18.2	60.3	18.6	60.2	19.1	60.0	19.9
		-7.0	-7.6	63.1	17.0	62.9	17.8	62.7	18.7	62.6	19.1	62.5	19.6	62.3	20.4
		-5.0	-5.6	66.1	17.7	66.0	18.5	65.8	19.4	65.7	19.8	65.6	20.2	65.4	21.0
		-3.0	-3.7	69.1	18.4	68.9	19.1	68.7	19.9	68.6	20.3	68.5	20.7	68.3	21.5
		0.0	-0.7	73.7	19.3	73.5	20.0	73.3	20.7	73.2	21.1	73.1	21.5	72.9	22.2
		3.0	2.2	78.2	20.0	78.0	20.7	77.8	21.4	77.7	21.8	77.6	22.1	77.4	22.8
		5.0	4.1	81.1	20.5	80.9	21.2	80.7	21.8	80.6	22.1	80.5	22.5	80.3	23.1
		7.0	6.0	84.0	20.9	83.8	21.6	83.6	22.2	83.5	22.5	83.4	22.8	83.3	23.5
		9.0	7.9	86.9	21.3	86.7	21.9	86.6	22.5	86.5	22.8	86.4	23.2	86.2	23.8
		11.0	9.8	89.9	21.7	89.7	22.3	89.5	22.9	89.4	23.2	89.3	23.5	89.1	24.1
		13.0	11.8	92.9	22.0	92.7	22.6	92.6	23.2	92.5	23.5	92.4	23.8	92.2	24.3
		15.0	13.7	95.9	22.4	95.7	22.9	95.5	23.5	95.4	23.8	95.3	24.0	92.3	23.5
120	780	-19.8	-20.0	43.7	11.6	43.5	12.8	43.4	13.9	43.3	14.5	43.2	15.1	43.0	16.3
		-18.8	-19.0	45.3	12.4	45.1	13.5	44.9	14.6	44.8	15.2	44.7	15.7	44.6	16.8
		-16.7	-17.0	48.3	13.7	48.2	14.7	48.0	15.8	47.9	16.3	47.8	16.8	47.7	17.9
		-14.7	-15.0	51.4	14.9	51.2	15.8	51.1	16.8	51.0	17.3	50.9	17.8	50.7	18.8
		-12.6	-13.0	54.5	15.9	54.3	16.8	54.2	17.7	54.1	18.2	54.0	18.6	53.8	19.6
		-10.5	-11.0	57.6	16.8	57.4	17.7	57.2	18.5	57.1	19.0	57.1	19.4	56.9	20.3
		-9.5	-10.0	59.1	17.2	58.9	18.1	58.8	18.9	58.7	19.3	58.6	19.7	58.4	20.6
		-8.5	-9.1	60.5	17.6	60.3	18.4	60.2	19.2	60.1	19.6	60.0	20.0	59.8	20.9
		-7.0	-7.6	62.8	18.1	62.6	18.9	62.5	19.7	62.4	20.1	62.3	20.5	62.1	21.3
		-5.0	-5.6	65.9	18.8	65.7	19.6	65.5	20.3	65.5	20.7	65.4	21.1	65.2	21.8
		-3.0	-3.7	68.8	19.4	68.6	20.1	68.5	20.9	68.4	21.2	68.3	21.6	68.1	22.3
		0.0	-0.7	73.4	20.3	73.3	20.9	73.1	21.6	73.0	21.9	72.9	22.3	72.7	22.9
		3.0	2.2	77.9	21.0	77.7	21.6	77.6	22.2	77.5	22.5	77.4	22.9	77.2	23.5
		5.0	4.1	80.8	21.4	80.7	22.0	80.5	22.6	80.4	22.9	80.3	23.2	80.1	23.8
		7.0	6.0	83.7	21.8	83.6	22.4	83.4	23.0	83.3	23.2	83.2	23.5	83.1	24.1
		9.0	7.9	86.7	22.1	86.5	22.7	86.3	23.3	86.2	23.6	86.2	23.8	85.2	24.1
		11.0	9.8	89.6	22.5	89.4	23.0	89.3	23.6	89.2	23.9	89.1	24.1	85.2	23.1
		13.0	11.8	92.7	22.8	92.5	23.3	92.3	23.9	92.2	24.1	91.5	24.1	85.2	22.2
		15.0	13.7	95.6	23.1	95.4	23.6	95.3	24.1	94.7	24.2	91.5	23.2	85.2	21.4
110	715	-19.8	-20.0	43.5	13.3	43.3	14.4	43.2	15.4	43.1	16.0	43.0	16.5	42.8	17.6
		-18.8	-19.0	45.0	14.0	44.9	15.0	44.7	16.0	44.6	16.6	44.5	17.1	44.4	18.1
		-16.7	-17.0	48.1	15.2	47.9	16.2	47.8	17.1	47.7	17.6	47.6	18.1	47.5	19.0
		-14.7	-15.0	51.2	16.3	51.0	17.2	50.9	18.1	50.8	18.5	50.7	19.0	50.5	19.9
		-12.6	-13.0	54.2	17.2	54.1	18.1	53.9	18.9	53.9	19.3	53.8	19.8	53.6	20.6
		-10.5	-11.0	57.3	18.1	57.2	18.9	57.0	19.7	56.9	20.1	56.9	20.5	56.7	21.2
		-9.5	-10.0	58.9	18.5	58.7	19.2	58.5	20.0	58.5	20.4	58.4	20.8	58.2	21.5
		-8.5	-9.1	60.3	18.8	60.1	19.5	59.9	20.3	59.9	20.7	59.8	21.0	59.6	21.8
		-7.0	-7.6	62.6	19.3	62.4	20.0	62.2	20.7	62.2	21.1	62.1	21.5	61.9	22.2
		-5.0	-5.6	65.6	19.9	65.5	20.6	65.3	21.3	65.2	21.6	65.2	22.0	65.0	22.7
		-3.0	-3.7	68.6	20.5	68.4	21.1	68.2	21.8	68.2	22.1	68.1	22.4	67.9	23.1
		0.0	-0.7	73.2	21.2	73.0	21.9	72.9	22.5	72.8	22.8	72.7	23.1	72.6	23.7
		3.0	2.2	77.6	21.9	77.5	22.5	77.3	23.0	77.3	23.3	77.2	23.6	77.0	24.2
		5.0	4.1	80.6	22.3	80.4	22.8	80.3	23.4	80.2	23.7	80.1	23.9	78.1	23.6
		7.0	6.0	83.5	22.6	83.3	23.2	83.2	23.7	83.1	24.0	83.0	24.2	78.1	22.6
		9.0	7.9	86.4	23.0	86.3	23.5	86.1	24.0	86.0	24.3	83.9	23.6	78.1	21.7
		11.0	9.8	89.3	23.3	89.2	23.8	89.0	24.3	86.8	23.6	83.9	22.7	78.1	20.9
		13.0	11.8	92.4	23.6	92.3	24.1	89.7	23.6	86.8	22.7	83.9	21.8	78.1	20.0
		15.0	13.7	95.4	23.9	95.2	24.3	89.7	22.7	86.8	21.8	83.9	21.0	78.1	19.3

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	650	-19.8	-20.0	43.2	15.0	43.1	16.0	42.9	16.9	42.9	17.4	42.8	17.9	42.6	18.9
		-18.8	-19.0	44.8	15.6	44.6	16.6	44.5	17.5	44.4	18.0	44.3	18.4	44.2	19.4
		-16.7	-17.0	47.8	16.7	47.7	17.6	47.5	18.5	47.5	18.9	47.4	19.3	47.3	20.2
		-14.7	-15.0	50.9	17.7	50.8	18.5	50.6	19.3	50.6	19.7	50.5	20.2	50.3	21.0
		-12.6	-13.0	54.0	18.6	53.9	19.3	53.7	20.1	53.6	20.5	53.6	20.9	53.4	21.6
		-10.5	-11.0	57.1	19.3	56.9	20.1	56.8	20.8	56.7	21.1	56.6	21.5	56.5	22.2
		-9.5	-10.0	58.6	19.7	58.5	20.4	58.3	21.1	58.3	21.4	58.2	21.8	58.0	22.5
		-8.5	-9.1	60.0	20.0	59.9	20.7	59.7	21.4	59.6	21.7	59.6	22.0	59.4	22.7
		-7.0	-7.6	62.3	20.5	62.2	21.1	62.0	21.8	61.9	22.1	61.9	22.4	61.7	23.1
		-5.0	-5.6	65.4	21.0	65.2	21.7	65.1	22.3	65.0	22.6	65.0	22.9	64.8	23.5
		-3.0	-3.7	68.3	21.5	68.2	22.1	68.0	22.7	68.0	23.0	67.9	23.3	67.7	23.9
		0.0	-0.7	72.9	22.2	72.8	22.8	72.6	23.3	72.6	23.6	72.5	23.9	71.0	23.8
		3.0	2.2	77.4	22.8	77.3	23.3	77.1	23.9	77.0	24.1	76.3	24.0	71.0	22.1
		5.0	4.1	80.3	23.2	80.2	23.7	80.0	24.2	78.9	23.9	76.3	23.0	71.0	21.1
		7.0	6.0	83.2	23.5	83.1	24.0	81.5	23.8	78.9	22.9	76.3	22.0	71.0	20.3
		9.0	7.9	86.2	23.8	86.0	24.3	81.5	22.8	78.9	22.0	76.3	21.1	71.0	19.4
		11.0	9.8	89.1	24.1	86.7	23.6	81.5	21.9	78.9	21.1	76.3	20.3	71.0	18.7
		13.0	11.8	92.0	24.3	86.7	22.6	81.5	21.0	78.9	20.3	76.3	19.5	71.0	18.0
		15.0	13.7	92.0	23.4	86.7	21.8	81.5	20.3	78.9	19.5	76.3	18.8	71.0	17.4
90	585	-19.8	-20.0	43.0	16.7	42.8	17.6	42.7	18.4	42.6	18.9	42.6	19.3	42.4	20.2
		-18.8	-19.0	44.5	17.3	44.4	18.1	44.2	18.9	44.2	19.4	44.1	19.8	44.0	20.6
		-16.7	-17.0	47.6	18.3	47.5	19.0	47.3	19.8	47.3	20.2	47.2	20.6	47.1	21.4
		-14.7	-15.0	50.7	19.1	50.5	19.9	50.4	20.6	50.3	21.0	50.3	21.3	50.1	22.1
		-12.6	-13.0	53.7	19.9	53.6	20.6	53.5	21.3	53.4	21.6	53.4	22.0	53.2	22.7
		-10.5	-11.0	56.8	20.6	56.7	21.3	56.6	21.9	56.5	22.2	56.4	22.6	56.3	23.2
		-9.5	-10.0	58.4	20.9	58.2	21.6	58.1	22.2	58.0	22.5	58.0	22.8	57.8	23.4
		-8.5	-9.1	59.7	21.2	59.6	21.8	59.5	22.4	59.4	22.7	59.4	23.0	59.2	23.7
		-7.0	-7.6	62.1	21.6	61.9	22.2	61.8	22.8	61.7	23.1	61.7	23.4	61.5	24.0
		-5.0	-5.6	65.1	22.1	65.0	22.7	64.9	23.3	64.8	23.5	64.7	23.8	63.9	24.0
		-3.0	-3.7	68.1	22.6	67.9	23.1	67.8	23.7	67.7	23.9	67.7	24.2	63.9	22.7
		0.0	-0.7	72.7	23.2	72.5	23.7	72.4	24.2	71.0	23.7	68.6	22.8	63.9	21.0
		3.0	2.2	77.1	23.7	77.0	24.2	73.4	23.0	71.0	22.1	68.6	21.2	63.9	19.6
		5.0	4.1	80.1	24.1	78.1	23.6	73.4	21.9	71.0	21.1	68.6	20.3	63.9	18.7
		7.0	6.0	82.8	24.3	78.1	22.6	73.4	21.0	71.0	20.2	68.6	19.5	63.9	18.0
		9.0	7.9	82.8	23.2	78.1	21.7	73.4	20.2	71.0	19.4	68.6	18.7	63.9	17.3
		11.0	9.8	82.8	22.3	78.1	20.8	73.4	19.4	71.0	18.7	68.6	18.0	63.9	16.6
		13.0	11.8	82.8	21.4	78.1	20.0	73.4	18.7	71.0	18.0	68.6	17.3	63.9	16.0
		15.0	13.7	82.8	20.7	78.1	19.3	73.4	18.0	71.0	17.3	68.6	16.7	63.9	15.5
80	520	-19.8	-20.0	42.7	18.4	42.6	19.2	42.5	19.9	42.4	20.3	42.4	20.7	42.3	21.5
		-18.8	-19.0	44.3	18.9	44.1	19.6	44.0	20.4	44.0	20.8	43.9	21.1	43.8	21.9
		-16.7	-17.0	47.3	19.8	47.2	20.5	47.1	21.2	47.0	21.5	47.0	21.9	46.9	22.6
		-14.7	-15.0	50.4	20.6	50.3	21.2	50.2	21.9	50.1	22.2	50.1	22.5	50.0	23.2
		-12.6	-13.0	53.5	21.3	53.4	21.9	53.3	22.5	53.2	22.8	53.1	23.1	53.0	23.7
		-10.5	-11.0	56.6	21.9	56.5	22.4	56.3	23.0	56.3	23.3	56.2	23.6	56.1	24.2
		-9.5	-10.0	58.1	22.2	58.0	22.7	57.9	23.3	57.8	23.6	57.8	23.8	56.8	23.9
		-8.5	-9.1	59.5	22.4	59.4	22.9	59.3	23.5	59.2	23.8	59.2	24.0	56.8	23.2
		-7.0	-7.6	61.8	22.8	61.7	23.3	61.6	23.8	61.5	24.1	61.0	24.1	56.8	22.1
		-5.0	-5.6	64.9	23.2	64.8	23.7	64.7	24.2	63.1	23.6	61.0	22.7	56.8	20.9
		-3.0	-3.7	67.8	23.6	67.7	24.1	65.2	23.3	63.1	22.4	61.0	21.5	56.8	19.8
		0.0	-0.7	72.4	24.2	69.4	23.1	65.2	21.5	63.1	20.7	61.0	19.9	56.8	18.3
		3.0	2.2	73.6	23.0	69.4	21.5	65.2	20.0	63.1	19.3	61.0	18.5	56.8	17.1
		5.0	4.1	73.6	22.0	69.4	20.6	65.2	19.1	63.1	18.5	61.0	17.8	56.8	16.4
		7.0	6.0	73.6	21.1	69.4	19.7	65.2	18.4	63.1	17.7	61.0	17.1	56.8	15.8
		9.0	7.9	73.6	20.3	69.4	18.9	65.2	17.7	63.1	17.0	61.0	16.4	56.8	15.2
		11.0	9.8	73.6	19.5	69.4	18.2	65.2	17.0	63.1	16.4	61.0	15.8	56.8	14.6
		13.0	11.8	73.6	18.7	69.4	17.5	65.2	16.4	63.1	15.8	61.0	15.2	56.8	14.1
		15.0	13.7	73.6	18.1	69.4	16.9	65.2	15.8	63.1	15.2	61.0	14.7	56.8	13.6

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	455	-19.8	-20.0	42.5	20.1	42.4	20.8	42.3	21.4	42.2	21.8	42.2	22.1	42.1	22.8
		-18.8	-19.0	44.0	20.5	43.9	21.2	43.8	21.8	43.8	22.2	43.7	22.5	43.6	23.1
		-16.7	-17.0	47.1	21.3	47.0	21.9	46.9	22.5	46.8	22.8	46.8	23.1	46.7	23.7
		-14.7	-15.0	50.2	22.0	50.1	22.6	50.0	23.1	49.9	23.4	49.9	23.7	49.7	24.2
		-12.6	-13.0	53.2	22.6	53.1	23.1	53.0	23.7	53.0	23.9	52.9	24.2	49.7	22.5
		-10.5	-11.0	56.3	23.1	56.2	23.6	56.1	24.1	55.2	23.8	53.4	22.9	49.7	21.1
		-9.5	-10.0	57.9	23.4	57.8	23.9	57.1	24.0	55.2	23.1	53.4	22.2	49.7	20.4
		-8.5	-9.1	59.2	23.6	59.1	24.1	57.1	23.3	55.2	22.4	53.4	21.5	49.7	19.8
		-7.0	-7.6	61.6	23.9	60.7	23.9	57.1	22.2	55.2	21.4	53.4	20.6	49.7	19.0
		-5.0	-5.6	64.4	24.2	60.7	22.6	57.1	21.0	55.2	20.2	53.4	19.4	49.7	17.9
		-3.0	-3.7	64.4	22.9	60.7	21.4	57.1	19.9	55.2	19.2	53.4	18.4	49.7	17.0
		0.0	-0.7	64.4	21.2	60.7	19.8	57.1	18.4	55.2	17.8	53.4	17.1	49.7	15.8
		3.0	2.2	64.4	19.7	60.7	18.4	57.1	17.2	55.2	16.6	53.4	16.0	49.7	14.8
		5.0	4.1	64.4	18.9	60.7	17.7	57.1	16.5	55.2	15.9	53.4	15.3	49.7	14.2
		7.0	6.0	64.4	18.1	60.7	17.0	57.1	15.8	55.2	15.3	53.4	14.7	49.7	13.7
		9.0	7.9	64.4	17.4	60.7	16.3	57.1	15.2	55.2	14.7	53.4	14.2	49.7	13.2
		11.0	9.8	64.4	16.8	60.7	15.7	57.1	14.7	55.2	14.2	53.4	13.7	49.7	12.7
		13.0	11.8	64.4	16.1	60.7	15.1	57.1	14.2	55.2	13.7	53.4	13.2	49.7	12.3
		15.0	13.7	64.4	15.6	60.7	14.6	57.1	13.7	55.2	13.2	53.4	12.8	49.7	11.9
60	390	-19.8	-20.0	42.2	21.8	42.1	22.4	42.0	23.0	42.0	23.2	42.0	23.5	41.9	24.1
		-18.8	-19.0	43.7	22.2	43.7	22.7	43.6	23.3	43.5	23.6	43.5	23.8	42.6	23.7
		-16.7	-17.0	46.8	22.8	46.7	23.4	46.7	23.9	46.6	24.1	45.8	23.7	42.6	21.8
		-14.7	-15.0	49.9	23.4	49.8	23.9	48.9	23.8	47.3	22.9	45.8	22.0	42.6	20.2
		-12.6	-13.0	53.0	23.9	52.0	23.8	48.9	22.1	47.3	21.3	45.8	20.4	42.6	18.8
		-10.5	-11.0	55.2	23.8	52.0	22.2	48.9	20.7	47.3	19.9	45.8	19.1	42.6	17.7
		-9.5	-10.0	55.2	23.0	52.0	21.5	48.9	20.0	47.3	19.3	45.8	18.5	42.6	17.1
		-8.5	-9.1	55.2	22.4	52.0	20.9	48.9	19.4	47.3	18.7	45.8	18.0	42.6	16.7
		-7.0	-7.6	55.2	21.4	52.0	20.0	48.9	18.6	47.3	17.9	45.8	17.3	42.6	16.0
		-5.0	-5.6	55.2	20.2	52.0	18.9	48.9	17.6	47.3	17.0	45.8	16.3	42.6	15.1
		-3.0	-3.7	55.2	19.1	52.0	17.9	48.9	16.7	47.3	16.1	45.8	15.5	42.6	14.4
		0.0	-0.7	55.2	17.7	52.0	16.6	48.9	15.5	47.3	15.0	45.8	14.5	42.6	13.4
		3.0	2.2	55.2	16.6	52.0	15.5	48.9	14.5	47.3	14.0	45.8	13.6	42.6	12.6
		5.0	4.1	55.2	15.9	52.0	14.9	48.9	14.0	47.3	13.5	45.8	13.0	42.6	12.1
		7.0	6.0	55.2	15.3	52.0	14.3	48.9	13.4	47.3	13.0	45.8	12.5	42.6	11.7
		9.0	7.9	55.2	14.7	52.0	13.8	48.9	12.9	47.3	12.5	45.8	12.1	42.6	11.3
		11.0	9.8	55.2	14.2	52.0	13.3	48.9	12.5	47.3	12.1	45.8	11.7	42.6	10.9
		13.0	11.8	55.2	13.7	52.0	12.9	48.9	12.1	47.3	11.7	45.8	11.3	42.6	10.5
		15.0	13.7	55.2	13.2	52.0	12.4	48.9	11.7	47.3	11.3	45.8	10.9	42.6	10.2
50	325	-19.8	-20.0	42.0	23.5	41.9	24.0	40.8	23.5	39.4	22.6	38.1	21.7	35.5	20.0
		-18.8	-19.0	43.5	23.8	43.4	24.2	40.8	22.5	39.4	21.6	38.1	20.8	35.5	19.2
		-16.7	-17.0	46.0	23.9	43.4	22.3	40.8	20.7	39.4	19.9	38.1	19.2	35.5	17.7
		-14.7	-15.0	46.0	22.1	43.4	20.6	40.8	19.2	39.4	18.5	38.1	17.8	35.5	16.5
		-12.6	-13.0	46.0	20.6	43.4	19.2	40.8	17.9	39.4	17.3	38.1	16.6	35.5	15.4
		-10.5	-11.0	46.0	19.2	43.4	18.0	40.8	16.8	39.4	16.2	38.1	15.6	35.5	14.5
		-9.5	-10.0	46.0	18.6	43.4	17.5	40.8	16.3	39.4	15.7	38.1	15.2	35.5	14.0
		-8.5	-9.1	46.0	18.1	43.4	17.0	40.8	15.9	39.4	15.3	38.1	14.8	35.5	13.7
		-7.0	-7.6	46.0	17.4	43.4	16.3	40.8	15.2	39.4	14.7	38.1	14.2	35.5	13.1
		-5.0	-5.6	46.0	16.4	43.4	15.4	40.8	14.4	39.4	13.9	38.1	13.4	35.5	12.5
		-3.0	-3.7	46.0	15.6	43.4	14.7	40.8	13.7	39.4	13.3	38.1	12.8	35.5	11.9
		0.0	-0.7	46.0	14.5	43.4	13.7	40.8	12.8	39.4	12.4	38.1	12.0	35.5	11.1
		3.0	2.2	46.0	13.6	43.4	12.8	40.8	12.0	39.4	11.6	38.1	11.2	35.5	10.5
		5.0	4.1	46.0	13.1	43.4	12.3	40.8	11.6	39.4	11.2	38.1	10.8	35.5	10.1
		7.0	6.0	46.0	12.6	43.4	11.9	40.8	11.2	39.4	10.8	38.1	10.4	35.5	9.76
		9.0	7.9	46.0	12.2	43.4	11.5	40.8	10.8	39.4	10.4	38.1	10.1	35.5	9.44
		11.0	9.8	46.0	11.7	43.4	11.1	40.8	10.4	39.4	10.1	38.1	9.77	35.5	9.14
		13.0	11.8	46.0	11.3	43.4	10.7	40.8	10.1	39.4	9.76	38.1	9.46	35.5	8.85
		15.0	13.7	46.0	11.0	43.4	10.4	40.8	9.77	39.4	9.47	38.1	9.18	35.5	8.59

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

PA-28ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	910	-19.8	-20.0	46.4	9.84	46.2	11.2	46.0	12.5	45.9	13.2	45.8	13.8	45.6	15.2
		-18.8	-19.0	48.0	10.7	47.8	12.0	47.6	13.3	47.5	13.9	47.4	14.6	47.2	15.8
		-16.7	-17.0	51.3	12.2	51.1	13.4	50.9	14.6	50.8	15.2	50.7	15.8	50.5	17.0
		-14.7	-15.0	54.5	13.6	54.3	14.7	54.1	15.8	54.0	16.4	53.9	16.9	53.7	18.1
		-12.6	-13.0	57.8	14.8	57.6	15.8	57.4	16.9	57.3	17.4	57.2	17.9	57.0	19.0
		-10.5	-11.0	61.0	15.8	60.8	16.8	60.6	17.8	60.5	18.3	60.4	18.8	60.2	19.8
		-9.5	-10.0	62.7	16.3	62.5	17.3	62.3	18.2	62.2	18.7	62.1	19.2	61.8	20.2
		-8.5	-9.1	64.1	16.7	63.9	17.7	63.7	18.6	63.6	19.1	63.5	19.5	63.3	20.5
		-7.0	-7.6	66.5	17.3	66.3	18.3	66.1	19.2	66.0	19.6	65.9	20.1	65.7	21.0
		-5.0	-5.6	69.8	18.1	69.6	19.0	69.4	19.9	69.3	20.3	69.2	20.7	69.0	21.6
		-3.0	-3.7	72.9	18.8	72.7	19.6	72.5	20.5	72.4	20.9	72.3	21.3	72.1	22.1
		0.0	-0.7	77.7	19.8	77.5	20.6	77.3	21.3	77.2	21.7	77.1	22.1	76.9	22.9
		3.0	2.2	82.5	20.6	82.3	21.3	82.1	22.0	82.0	22.4	81.9	22.8	81.7	23.5
		5.0	4.1	85.5	21.1	85.3	21.8	85.1	22.5	85.0	22.8	84.9	23.2	84.7	23.9
		7.0	6.0	88.6	21.5	88.4	22.2	88.2	22.9	88.1	23.2	88.0	23.6	87.8	24.2
		9.0	7.9	91.7	22.0	91.5	22.6	91.3	23.3	91.2	23.6	91.1	23.9	90.9	24.6
		11.0	9.8	94.8	22.3	94.6	23.0	94.4	23.6	94.3	23.9	94.2	24.2	94.0	24.9
		13.0	11.8	98.0	22.7	97.8	23.3	97.6	23.9	97.5	24.2	97.4	24.6	97.2	25.2
		15.0	13.7	101	23.1	101	23.7	101	24.2	101	24.5	101	24.8	99.1	25.0
120	840	-19.8	-20.0	46.1	11.6	46.0	12.9	45.8	14.1	45.7	14.7	45.6	15.3	45.4	16.6
		-18.8	-19.0	47.8	12.4	47.6	13.6	47.4	14.8	47.3	15.4	47.2	16.0	47.0	17.2
		-16.7	-17.0	51.0	13.9	50.8	15.0	50.6	16.1	50.6	16.6	50.5	17.2	50.3	18.3
		-14.7	-15.0	54.3	15.1	54.1	16.1	53.9	17.2	53.8	17.7	53.7	18.2	53.5	19.2
		-12.6	-13.0	57.5	16.2	57.3	17.2	57.1	18.1	57.0	18.6	57.0	19.1	56.8	20.1
		-10.5	-11.0	60.8	17.2	60.6	18.1	60.4	19.0	60.3	19.5	60.2	19.9	60.0	20.8
		-9.5	-10.0	62.4	17.6	62.2	18.5	62.0	19.4	61.9	19.8	61.8	20.3	61.6	21.2
		-8.5	-9.1	63.8	18.0	63.7	18.9	63.5	19.7	63.4	20.2	63.3	20.6	63.1	21.5
		-7.0	-7.6	66.3	18.6	66.1	19.4	65.9	20.3	65.8	20.7	65.7	21.1	65.5	21.9
		-5.0	-5.6	69.5	19.3	69.3	20.1	69.2	20.9	69.1	21.3	69.0	21.7	68.8	22.5
		-3.0	-3.7	72.6	19.9	72.4	20.7	72.2	21.5	72.1	21.8	72.1	22.2	71.9	23.0
		0.0	-0.7	77.5	20.8	77.3	21.5	77.1	22.2	77.0	22.6	76.9	23.0	76.7	23.7
		3.0	2.2	82.2	21.6	82.0	22.2	81.8	22.9	81.7	23.3	81.6	23.6	81.4	24.3
		5.0	4.1	85.3	22.0	85.1	22.7	84.9	23.3	84.8	23.6	84.7	24.0	84.5	24.6
		7.0	6.0	88.3	22.4	88.2	23.1	88.0	23.7	87.9	24.0	87.8	24.3	87.6	24.9
		9.0	7.9	91.4	22.8	91.2	23.4	91.1	24.0	91.0	24.3	90.9	24.6	90.7	25.2
		11.0	9.8	94.5	23.2	94.3	23.8	94.1	24.4	94.1	24.6	94.0	24.9	91.5	24.6
		13.0	11.8	97.8	23.5	97.6	24.1	97.4	24.7	97.3	25.0	97.2	25.2	91.5	23.6
		15.0	13.7	101	23.9	101	24.4	100	25.0	100	25.2	98.3	24.7	91.5	22.7
110	770	-19.8	-20.0	45.9	13.4	45.7	14.6	45.5	15.7	45.5	16.3	45.4	16.8	45.2	18.0
		-18.8	-19.0	47.5	14.2	47.3	15.3	47.2	16.3	47.1	16.9	47.0	17.4	46.8	18.5
		-16.7	-17.0	50.7	15.5	50.6	16.5	50.4	17.5	50.3	18.0	50.2	18.5	50.1	19.5
		-14.7	-15.0	54.0	16.6	53.8	17.6	53.7	18.5	53.6	19.0	53.5	19.5	53.3	20.4
		-12.6	-13.0	57.2	17.6	57.1	18.5	56.9	19.4	56.8	19.8	56.7	20.3	56.6	21.2
		-10.5	-11.0	60.5	18.5	60.3	19.3	60.1	20.2	60.1	20.6	60.0	21.0	59.8	21.9
		-9.5	-10.0	62.1	18.9	61.9	19.7	61.8	20.6	61.7	21.0	61.6	21.4	61.4	22.2
		-8.5	-9.1	63.6	19.3	63.4	20.1	63.2	20.9	63.1	21.3	63.1	21.7	62.9	22.5
		-7.0	-7.6	66.0	19.8	65.8	20.6	65.7	21.3	65.6	21.7	65.5	22.1	65.3	22.9
		-5.0	-5.6	69.3	20.5	69.1	21.2	68.9	21.9	68.8	22.3	68.7	22.7	68.6	23.4
		-3.0	-3.7	72.3	21.1	72.2	21.8	72.0	22.5	71.9	22.8	71.8	23.2	71.7	23.9
		0.0	-0.7	77.2	21.9	77.0	22.5	76.9	23.2	76.8	23.5	76.7	23.8	76.5	24.5
		3.0	2.2	81.9	22.6	81.7	23.2	81.6	23.8	81.5	24.1	81.4	24.4	81.2	25.0
		5.0	4.1	85.0	23.0	84.8	23.6	84.7	24.2	84.6	24.5	84.5	24.7	83.9	25.1
		7.0	6.0	88.1	23.4	87.9	23.9	87.7	24.5	87.7	24.8	87.6	25.1	83.9	24.1
		9.0	7.9	91.2	23.7	91.0	24.3	90.8	24.8	90.7	25.1	90.1	25.1	83.9	23.1
		11.0	9.8	94.2	24.0	94.1	24.6	93.9	25.1	93.2	25.1	90.1	24.1	83.9	22.2
		13.0	11.8	97.5	24.4	97.3	24.9	96.3	25.0	93.2	24.1	90.1	23.1	83.9	21.3
		15.0	13.7	101	24.7	100	25.2	96.3	24.1	93.2	23.2	90.1	22.3	83.9	20.5

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	700	-19.8	-20.0	45.6	15.2	45.5	16.3	45.3	17.3	45.2	17.8	45.1	18.3	45.0	19.4
		-18.8	-19.0	47.2	15.9	47.1	16.9	46.9	17.9	46.8	18.4	46.8	18.9	46.6	19.9
		-16.7	-17.0	50.5	17.1	50.3	18.0	50.2	18.9	50.1	19.4	50.0	19.9	49.9	20.8
		-14.7	-15.0	53.7	18.1	53.6	19.0	53.4	19.9	53.3	20.3	53.3	20.7	53.1	21.6
		-12.6	-13.0	57.0	19.0	56.8	19.9	56.7	20.7	56.6	21.1	56.5	21.5	56.4	22.3
		-10.5	-11.0	60.2	19.8	60.1	20.6	59.9	21.4	59.8	21.8	59.8	22.2	59.6	22.9
		-9.5	-10.0	61.8	20.2	61.7	21.0	61.5	21.7	61.5	22.1	61.4	22.5	61.2	23.2
		-8.5	-9.1	63.3	20.5	63.1	21.3	63.0	22.0	62.9	22.4	62.8	22.7	62.7	23.5
		-7.0	-7.6	65.7	21.0	65.6	21.7	65.4	22.4	65.3	22.8	65.3	23.1	65.1	23.8
		-5.0	-5.6	69.0	21.6	68.8	22.3	68.7	23.0	68.6	23.3	68.5	23.6	68.4	24.3
		-3.0	-3.7	72.1	22.2	71.9	22.8	71.8	23.4	71.7	23.8	71.6	24.1	71.4	24.7
		0.0	-0.7	76.9	22.9	76.8	23.5	76.6	24.1	76.5	24.4	76.5	24.7	76.3	25.3
		3.0	2.2	81.6	23.5	81.5	24.1	81.3	24.7	81.3	24.9	81.2	25.2	76.3	23.5
		5.0	4.1	84.7	23.9	84.6	24.5	84.4	25.0	84.3	25.3	81.9	24.4	76.3	22.5
		7.0	6.0	87.8	24.3	87.7	24.8	87.5	25.3	84.7	24.3	81.9	23.4	76.3	21.5
		9.0	7.9	90.9	24.6	90.7	25.1	87.5	24.3	84.7	23.3	81.9	22.4	76.3	20.7
		11.0	9.8	94.0	24.9	93.1	25.1	87.5	23.3	84.7	22.4	81.9	21.6	76.3	19.9
		13.0	11.8	97.2	25.2	93.1	24.1	87.5	22.4	84.7	21.5	81.9	20.7	76.3	19.1
		15.0	13.7	98.7	24.8	93.1	23.2	87.5	21.6	84.7	20.8	81.9	20.0	76.3	18.4
90	630	-19.8	-20.0	45.3	17.1	45.2	18.0	45.1	18.9	45.0	19.4	44.9	19.8	44.8	20.7
		-18.8	-19.0	47.0	17.6	46.8	18.5	46.7	19.4	46.6	19.9	46.5	20.3	46.4	21.2
		-16.7	-17.0	50.2	18.7	50.1	19.5	49.9	20.4	49.9	20.8	49.8	21.2	49.7	22.0
		-14.7	-15.0	53.5	19.6	53.3	20.4	53.2	21.2	53.1	21.6	53.0	22.0	52.9	22.8
		-12.6	-13.0	56.7	20.5	56.6	21.2	56.4	21.9	56.4	22.3	56.3	22.7	56.1	23.4
		-10.5	-11.0	59.9	21.2	59.8	21.9	59.7	22.6	59.6	22.9	59.5	23.3	59.4	24.0
		-9.5	-10.0	61.6	21.5	61.4	22.2	61.3	22.9	61.2	23.2	61.2	23.5	61.0	24.2
		-8.5	-9.1	63.0	21.8	62.9	22.5	62.8	23.1	62.7	23.5	62.6	23.8	62.5	24.4
		-7.0	-7.6	65.5	22.3	65.3	22.9	65.2	23.5	65.1	23.8	65.0	24.2	64.9	24.8
		-5.0	-5.6	68.7	22.8	68.6	23.4	68.4	24.0	68.4	24.3	68.3	24.6	68.2	25.2
		-3.0	-3.7	71.8	23.3	71.7	23.9	71.5	24.4	71.4	24.7	71.4	25.0	68.6	24.1
		0.0	-0.7	76.7	24.0	76.5	24.5	76.4	25.0	76.2	25.2	73.7	24.3	68.6	22.3
		3.0	2.2	81.4	24.5	81.2	25.0	78.8	24.4	76.2	23.5	73.7	22.6	68.6	20.8
		5.0	4.1	84.5	24.9	83.8	25.1	78.8	23.3	76.2	22.5	73.7	21.6	68.6	19.9
		7.0	6.0	87.5	25.2	83.8	24.0	78.8	22.3	76.2	21.5	73.7	20.7	68.6	19.1
		9.0	7.9	88.9	24.7	83.8	23.1	78.8	21.4	76.2	20.7	73.7	19.9	68.6	18.4
		11.0	9.8	88.9	23.7	83.8	22.2	78.8	20.6	76.2	19.9	73.7	19.1	68.6	17.7
		13.0	11.8	88.9	22.8	83.8	21.3	78.8	19.8	76.2	19.1	73.7	18.4	68.6	17.0
		15.0	13.7	88.9	22.0	83.8	20.5	78.8	19.1	76.2	18.4	73.7	17.8	68.6	16.4
80	560	-19.8	-20.0	45.1	18.9	44.9	19.7	44.8	20.5	44.8	20.9	44.7	21.3	44.6	22.1
		-18.8	-19.0	46.7	19.4	46.6	20.2	46.4	21.0	46.4	21.4	46.3	21.8	46.2	22.5
		-16.7	-17.0	49.9	20.3	49.8	21.1	49.7	21.8	49.6	22.2	49.6	22.5	49.4	23.3
		-14.7	-15.0	53.2	21.2	53.1	21.9	52.9	22.5	52.9	22.9	52.8	23.2	52.7	23.9
		-12.6	-13.0	56.4	21.9	56.3	22.5	56.2	23.2	56.1	23.5	56.1	23.8	55.9	24.5
		-10.5	-11.0	59.7	22.5	59.6	23.2	59.4	23.8	59.4	24.1	59.3	24.4	59.2	25.0
		-9.5	-10.0	61.3	22.8	61.2	23.4	61.1	24.0	61.0	24.3	60.9	24.6	60.8	25.2
		-8.5	-9.1	62.8	23.1	62.6	23.7	62.5	24.3	62.5	24.6	62.4	24.8	61.0	24.6
		-7.0	-7.6	65.2	23.5	65.1	24.1	64.9	24.6	64.9	24.9	64.8	25.2	61.0	23.5
		-5.0	-5.6	68.4	24.0	68.3	24.5	68.2	25.0	67.8	25.1	65.5	24.1	61.0	22.2
		-3.0	-3.7	71.5	24.4	71.4	24.9	70.0	24.7	67.8	23.8	65.5	22.9	61.0	21.0
		0.0	-0.7	76.4	25.0	74.5	24.6	70.0	22.8	67.8	22.0	65.5	21.1	61.0	19.5
		3.0	2.2	79.0	24.5	74.5	22.9	70.0	21.3	67.8	20.5	65.5	19.7	61.0	18.2
		5.0	4.1	79.0	23.4	74.5	21.9	70.0	20.4	67.8	19.6	65.5	18.9	61.0	17.4
		7.0	6.0	79.0	22.4	74.5	21.0	70.0	19.5	67.8	18.8	65.5	18.1	61.0	16.8
		9.0	7.9	79.0	21.5	74.5	20.1	70.0	18.8	67.8	18.1	65.5	17.4	61.0	16.1
		11.0	9.8	79.0	20.7	74.5	19.4	70.0	18.1	67.8	17.4	65.5	16.8	61.0	15.5
		13.0	11.8	79.0	19.9	74.5	18.6	70.0	17.4	67.8	16.8	65.5	16.2	61.0	15.0
		15.0	13.7	79.0	19.2	74.5	18.0	70.0	16.8	67.8	16.2	65.5	15.6	61.0	14.5

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	490	-19.8	-20.0	44.8	20.7	44.7	21.4	44.6	22.1	44.5	22.5	44.5	22.8	44.4	23.5
		-18.8	-19.0	46.4	21.1	46.3	21.8	46.2	22.5	46.2	22.9	46.1	23.2	46.0	23.9
		-16.7	-17.0	49.7	22.0	49.6	22.6	49.5	23.2	49.4	23.6	49.3	23.9	49.2	24.5
		-14.7	-15.0	52.9	22.7	52.8	23.3	52.7	23.9	52.6	24.2	52.6	24.5	52.5	25.1
		-12.6	-13.0	56.2	23.3	56.1	23.9	55.9	24.5	55.9	24.7	55.8	25.0	53.4	24.0
		-10.5	-11.0	59.4	23.9	59.3	24.4	59.2	25.0	59.1	25.2	57.3	24.3	53.4	22.4
		-9.5	-10.0	61.0	24.2	60.9	24.7	60.8	25.2	59.3	24.5	57.3	23.5	53.4	21.7
		-8.5	-9.1	62.5	24.4	62.4	24.9	61.3	24.8	59.3	23.8	57.3	22.9	53.4	21.1
		-7.0	-7.6	64.9	24.7	64.8	25.2	61.3	23.6	59.3	22.7	57.3	21.9	53.4	20.1
		-5.0	-5.6	68.2	25.2	65.2	24.0	61.3	22.3	59.3	21.5	57.3	20.6	53.4	19.0
		-3.0	-3.7	69.1	24.4	65.2	22.7	61.3	21.1	59.3	20.4	57.3	19.6	53.4	18.1
		0.0	-0.7	69.1	22.5	65.2	21.0	61.3	19.6	59.3	18.9	57.3	18.2	53.4	16.8
		3.0	2.2	69.1	21.0	65.2	19.6	61.3	18.3	59.3	17.6	57.3	17.0	53.4	15.7
		5.0	4.1	69.1	20.1	65.2	18.8	61.3	17.5	59.3	16.9	57.3	16.3	53.4	15.1
		7.0	6.0	69.1	19.2	65.2	18.0	61.3	16.8	59.3	16.2	57.3	15.7	53.4	14.5
		9.0	7.9	69.1	18.5	65.2	17.3	61.3	16.2	59.3	15.6	57.3	15.1	53.4	14.0
		11.0	9.8	69.1	17.8	65.2	16.7	61.3	15.6	59.3	15.1	57.3	14.6	53.4	13.5
		13.0	11.8	69.1	17.1	65.2	16.1	61.3	15.0	59.3	14.5	57.3	14.0	53.4	13.0
		15.0	13.7	69.1	16.6	65.2	15.5	61.3	14.6	59.3	14.1	57.3	13.6	53.4	12.6
60	420	-19.8	-20.0	44.5	22.5	44.4	23.1	44.3	23.7	44.3	24.0	44.3	24.3	44.2	24.9
		-18.8	-19.0	46.2	22.9	46.1	23.5	46.0	24.0	45.9	24.3	45.9	24.6	45.8	25.2
		-16.7	-17.0	49.4	23.6	49.3	24.1	49.2	24.7	49.2	25.0	49.1	25.2	45.8	23.2
		-14.7	-15.0	52.6	24.2	52.6	24.7	52.5	25.2	50.8	24.3	49.1	23.4	45.8	21.5
		-12.6	-13.0	55.9	24.7	55.8	25.2	52.5	23.5	50.8	22.6	49.1	21.7	45.8	20.0
		-10.5	-11.0	59.1	25.2	55.9	23.6	52.5	22.0	50.8	21.1	49.1	20.3	45.8	18.8
		-9.5	-10.0	59.2	24.5	55.9	22.9	52.5	21.3	50.8	20.5	49.1	19.7	45.8	18.2
		-8.5	-9.1	59.2	23.8	55.9	22.2	52.5	20.7	50.8	19.9	49.1	19.2	45.8	17.7
		-7.0	-7.6	59.2	22.7	55.9	21.2	52.5	19.8	50.8	19.1	49.1	18.3	45.8	17.0
		-5.0	-5.6	59.2	21.4	55.9	20.0	52.5	18.7	50.8	18.0	49.1	17.4	45.8	16.1
		-3.0	-3.7	59.2	20.4	55.9	19.0	52.5	17.8	50.8	17.1	49.1	16.5	45.8	15.3
		0.0	-0.7	59.2	18.9	55.9	17.7	52.5	16.5	50.8	15.9	49.1	15.4	45.8	14.3
		3.0	2.2	59.2	17.6	55.9	16.5	52.5	15.5	50.8	14.9	49.1	14.4	45.8	13.4
		5.0	4.1	59.2	16.9	55.9	15.9	52.5	14.8	50.8	14.3	49.1	13.8	45.8	12.9
		7.0	6.0	59.2	16.2	55.9	15.2	52.5	14.3	50.8	13.8	49.1	13.3	45.8	12.4
		9.0	7.9	59.2	15.6	55.9	14.7	52.5	13.8	50.8	13.3	49.1	12.9	45.8	12.0
		11.0	9.8	59.2	15.1	55.9	14.2	52.5	13.3	50.8	12.9	49.1	12.4	45.8	11.6
		13.0	11.8	59.2	14.5	55.9	13.7	52.5	12.8	50.8	12.4	49.1	12.0	45.8	11.2
		15.0	13.7	59.2	14.1	55.9	13.2	52.5	12.4	50.8	12.0	49.1	11.6	45.8	10.8
50	350	-19.8	-20.0	44.3	24.3	44.2	24.8	43.8	25.0	42.3	24.0	40.9	23.1	38.1	21.3
		-18.8	-19.0	45.9	24.6	45.8	25.1	43.8	23.9	42.3	23.0	40.9	22.1	38.1	20.4
		-16.7	-17.0	49.1	25.2	46.6	23.7	43.8	22.0	42.3	21.2	40.9	20.4	38.1	18.8
		-14.7	-15.0	49.4	23.5	46.6	21.9	43.8	20.4	42.3	19.7	40.9	18.9	38.1	17.5
		-12.6	-13.0	49.4	21.9	46.6	20.4	43.8	19.0	42.3	18.4	40.9	17.7	38.1	16.4
		-10.5	-11.0	49.4	20.5	46.6	19.1	43.8	17.9	42.3	17.2	40.9	16.6	38.1	15.4
		-9.5	-10.0	49.4	19.8	46.6	18.6	43.8	17.3	42.3	16.7	40.9	16.1	38.1	14.9
		-8.5	-9.1	49.4	19.3	46.6	18.1	43.8	16.9	42.3	16.3	40.9	15.7	38.1	14.6
		-7.0	-7.6	49.4	18.5	46.6	17.3	43.8	16.2	42.3	15.6	40.9	15.1	38.1	14.0
		-5.0	-5.6	49.4	17.5	46.6	16.4	43.8	15.3	42.3	14.8	40.9	14.3	38.1	13.3
		-3.0	-3.7	49.4	16.6	46.6	15.6	43.8	14.6	42.3	14.1	40.9	13.6	38.1	12.7
		0.0	-0.7	49.4	15.4	46.6	14.5	43.8	13.6	42.3	13.2	40.9	12.7	38.1	11.8
		3.0	2.2	49.4	14.5	46.6	13.6	43.8	12.8	42.3	12.4	40.9	12.0	38.1	11.1
		5.0	4.1	49.4	13.9	46.6	13.1	43.8	12.3	42.3	11.9	40.9	11.5	38.1	10.7
		7.0	6.0	49.4	13.4	46.6	12.6	43.8	11.9	42.3	11.5	40.9	11.1	38.1	10.4
		9.0	7.9	49.4	12.9	46.6	12.2	43.8	11.5	42.3	11.1	40.9	10.7	38.1	10.0
		11.0	9.8	49.4	12.5	46.6	11.8	43.8	11.1	42.3	10.7	40.9	10.4	38.1	9.71
		13.0	11.8	49.4	12.1	46.6	11.4	43.8	10.7	42.3	10.4	40.9	10.1	38.1	9.41
		15.0	13.7	49.4	11.7	46.6	11.0	43.8	10.4	42.3	10.1	40.9	9.76	38.1	9.13

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

PA-30ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	975	-19.8	-20.0	52.3	12.4	52.1	13.8	51.9	15.3	51.8	16.0	51.7	16.7	51.4	18.2
		-18.8	-19.0	54.1	13.3	53.9	14.7	53.7	16.1	53.6	16.8	53.5	17.5	53.3	18.9
		-16.7	-17.0	57.8	15.0	57.6	16.3	57.4	17.6	57.3	18.2	57.2	18.9	56.9	20.2
		-14.7	-15.0	61.5	16.4	61.3	17.7	61.0	18.9	60.9	19.5	60.8	20.1	60.6	21.3
		-12.6	-13.0	65.2	17.7	64.9	18.9	64.7	20.0	64.6	20.6	64.5	21.2	64.3	22.3
		-10.5	-11.0	68.8	18.9	68.6	20.0	68.4	21.0	68.3	21.6	68.2	22.1	68.0	23.2
		-9.5	-10.0	70.7	19.4	70.4	20.4	70.2	21.5	70.1	22.0	70.0	22.5	69.8	23.6
		-8.5	-9.1	72.3	19.8	72.1	20.9	71.9	21.9	71.8	22.4	71.7	22.9	71.4	23.9
		-7.0	-7.6	75.1	20.5	74.8	21.5	74.6	22.5	74.5	23.0	74.4	23.5	74.2	24.5
		-5.0	-5.6	78.7	21.4	78.5	22.3	78.3	23.3	78.2	23.7	78.1	24.2	77.9	25.2
		-3.0	-3.7	82.2	22.1	82.0	23.0	81.8	23.9	81.7	24.4	81.6	24.8	81.3	25.7
		0.0	-0.7	87.7	23.2	87.5	24.0	87.3	24.9	87.2	25.3	87.1	25.7	86.8	26.5
		3.0	2.2	93.0	24.1	92.8	24.9	92.6	25.6	92.5	26.0	92.4	26.4	92.2	27.2
		5.0	4.1	96.5	24.6	96.3	25.4	96.1	26.1	96.0	26.5	95.9	26.9	95.7	27.6
		7.0	6.0	100	25.1	99.8	25.8	99.6	26.5	99.5	26.9	99.4	27.3	99.1	28.0
		9.0	7.9	103	25.5	103	26.2	103	27.0	103	27.3	103	27.7	103	28.4
		11.0	9.8	107	26.0	107	26.6	107	27.3	106	27.7	106	28.0	106	28.7
		13.0	11.8	111	26.4	110	27.0	110	27.7	110	28.0	110	28.4	108	28.1
		15.0	13.7	114	26.8	114	27.4	114	28.0	114	28.4	113	28.7	108	27.1
120	900	-19.8	-20.0	52.0	14.3	51.8	15.7	51.6	17.0	51.5	17.7	51.4	18.4	51.2	19.7
		-18.8	-19.0	53.9	15.2	53.7	16.5	53.5	17.8	53.4	18.4	53.3	19.1	53.1	20.4
		-16.7	-17.0	57.5	16.7	57.3	17.9	57.1	19.1	57.0	19.7	56.9	20.3	56.7	21.5
		-14.7	-15.0	61.2	18.1	61.0	19.2	60.8	20.3	60.7	20.9	60.6	21.5	60.4	22.6
		-12.6	-13.0	64.9	19.3	64.7	20.3	64.5	21.4	64.4	21.9	64.3	22.5	64.1	23.5
		-10.5	-11.0	68.5	20.3	68.3	21.3	68.1	22.3	68.0	22.8	67.9	23.3	67.7	24.3
		-9.5	-10.0	70.4	20.8	70.2	21.8	70.0	22.8	69.9	23.2	69.8	23.7	69.6	24.7
		-8.5	-9.1	72.0	21.2	71.8	22.2	71.6	23.1	71.5	23.6	71.4	24.1	71.2	25.0
		-7.0	-7.6	74.8	21.9	74.6	22.8	74.4	23.7	74.3	24.2	74.2	24.6	74.0	25.5
		-5.0	-5.6	78.4	22.7	78.2	23.5	78.0	24.4	77.9	24.8	77.8	25.3	77.6	26.1
		-3.0	-3.7	81.9	23.3	81.7	24.2	81.5	25.0	81.4	25.4	81.3	25.8	81.1	26.7
		0.0	-0.7	87.4	24.3	87.2	25.1	87.0	25.9	86.9	26.2	86.8	26.6	86.6	27.4
		3.0	2.2	92.7	25.1	92.5	25.9	92.3	26.6	92.2	27.0	92.1	27.3	91.9	28.0
		5.0	4.1	96.2	25.6	96.0	26.3	95.8	27.0	95.7	27.4	95.6	27.7	95.4	28.4
		7.0	6.0	99.7	26.1	99.5	26.7	99.3	27.4	99.2	27.8	99.1	28.1	98.9	28.8
		9.0	7.9	103	26.5	103	27.1	103	27.8	103	28.1	103	28.4	99.3	27.8
		11.0	9.8	107	26.9	106	27.5	106	28.1	106	28.5	106	28.8	99.3	26.7
		13.0	11.8	110	27.3	110	27.9	110	28.5	110	28.8	107	27.8	99.3	25.6
		15.0	13.7	114	27.6	114	28.2	113	28.8	110	27.9	107	26.8	99.3	24.6
110	825	-19.8	-20.0	51.7	16.3	51.5	17.5	51.4	18.8	51.3	19.4	51.2	20.0	51.0	21.2
		-18.8	-19.0	53.6	17.1	53.4	18.3	53.2	19.5	53.1	20.0	53.0	20.6	52.8	21.8
		-16.7	-17.0	57.2	18.5	57.0	19.6	56.9	20.7	56.8	21.3	56.7	21.8	56.5	22.9
		-14.7	-15.0	60.9	19.7	60.7	20.8	60.5	21.8	60.4	22.3	60.3	22.8	60.2	23.9
		-12.6	-13.0	64.6	20.8	64.4	21.8	64.2	22.8	64.1	23.3	64.0	23.7	63.8	24.7
		-10.5	-11.0	68.2	21.8	68.1	22.7	67.9	23.6	67.8	24.1	67.7	24.5	67.5	25.5
		-9.5	-10.0	70.1	22.2	69.9	23.1	69.7	24.0	69.6	24.5	69.5	24.9	69.3	25.8
		-8.5	-9.1	71.7	22.6	71.5	23.5	71.4	24.4	71.3	24.8	71.2	25.2	71.0	26.1
		-7.0	-7.6	74.5	23.2	74.3	24.0	74.1	24.9	74.0	25.3	73.9	25.7	73.7	26.6
		-5.0	-5.6	78.1	23.9	78.0	24.7	77.8	25.5	77.7	25.9	77.6	26.3	77.4	27.1
		-3.0	-3.7	81.6	24.6	81.4	25.3	81.3	26.1	81.2	26.5	81.1	26.8	80.9	27.6
		0.0	-0.7	87.1	25.4	86.9	26.2	86.8	26.9	86.7	27.2	86.6	27.6	86.4	28.3
		3.0	2.2	92.4	26.2	92.3	26.9	92.1	27.5	92.0	27.9	91.9	28.2	91.1	28.6
		5.0	4.1	95.9	26.6	95.8	27.3	95.6	27.9	95.5	28.3	95.4	28.6	91.1	27.3
		7.0	6.0	99.4	27.1	99.2	27.7	99.1	28.3	99.0	28.6	97.8	28.4	91.1	26.1
		9.0	7.9	103	27.4	103	28.0	103	28.6	101	28.4	97.8	27.2	91.1	25.0
		11.0	9.8	106	27.8	106	28.4	105	28.3	101	27.2	97.8	26.2	91.1	24.1
		13.0	11.8	110	28.2	110	28.7	105	27.2	101	26.1	97.8	25.1	91.1	23.1
		15.0	13.7	114	28.5	111	28.2	105	26.2	101	25.2	97.8	24.2	91.1	22.3

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	750	-19.8	-20.0	51.4	18.3	51.3	19.4	51.1	20.5	51.0	21.0	50.9	21.6	50.8	22.7
		-18.8	-19.0	53.3	19.0	53.1	20.0	52.9	21.1	52.8	21.7	52.8	22.2	52.6	23.3
		-16.7	-17.0	56.9	20.3	56.8	21.3	56.6	22.3	56.5	22.8	56.4	23.3	56.3	24.3
		-14.7	-15.0	60.6	21.4	60.4	22.3	60.3	23.3	60.2	23.7	60.1	24.2	59.9	25.1
		-12.6	-13.0	64.3	22.4	64.1	23.3	63.9	24.1	63.9	24.6	63.8	25.0	63.6	25.9
		-10.5	-11.0	67.9	23.3	67.8	24.1	67.6	24.9	67.5	25.3	67.4	25.7	67.3	26.6
		-9.5	-10.0	69.8	23.7	69.6	24.5	69.4	25.3	69.4	25.7	69.3	26.1	69.1	26.9
		-8.5	-9.1	71.4	24.0	71.3	24.8	71.1	25.6	71.0	26.0	70.9	26.4	70.8	27.2
		-7.0	-7.6	74.2	24.5	74.0	25.3	73.8	26.1	73.8	26.4	73.7	26.8	73.5	27.6
		-5.0	-5.6	77.8	25.2	77.7	25.9	77.5	26.6	77.4	27.0	77.3	27.4	77.2	28.1
		-3.0	-3.7	81.3	25.8	81.2	26.5	81.0	27.2	80.9	27.5	80.8	27.8	80.7	28.5
		0.0	-0.7	86.8	26.6	86.7	27.2	86.5	27.9	86.4	28.2	86.3	28.5	82.8	27.4
		3.0	2.2	92.2	27.3	92.0	27.9	91.8	28.5	91.7	28.8	88.9	27.7	82.8	25.5
		5.0	4.1	95.6	27.7	95.5	28.3	95.0	28.7	91.9	27.6	88.9	26.5	82.8	24.4
		7.0	6.0	99.1	28.0	99.0	28.6	95.0	27.5	91.9	26.4	88.9	25.4	82.8	23.4
		9.0	7.9	103	28.4	101	28.4	95.0	26.3	91.9	25.3	88.9	24.3	82.8	22.4
		11.0	9.8	106	28.7	101	27.2	95.0	25.3	91.9	24.3	88.9	23.4	82.8	21.6
		13.0	11.8	107	28.0	101	26.1	95.0	24.3	91.9	23.4	88.9	22.5	82.8	20.7
		15.0	13.7	107	27.0	101	25.2	95.0	23.4	91.9	22.5	88.9	21.7	82.8	20.0
90	675	-19.8	-20.0	51.1	20.2	51.0	21.2	50.8	22.2	50.8	22.7	50.7	23.2	50.5	24.2
		-18.8	-19.0	53.0	20.9	52.8	21.8	52.7	22.8	52.6	23.3	52.5	23.8	52.4	24.7
		-16.7	-17.0	56.6	22.0	56.5	22.9	56.3	23.8	56.3	24.3	56.2	24.7	56.0	25.6
		-14.7	-15.0	60.3	23.0	60.2	23.9	60.0	24.7	59.9	25.1	59.9	25.6	59.7	26.4
		-12.6	-13.0	64.0	23.9	63.8	24.7	63.7	25.5	63.6	25.9	63.5	26.3	63.4	27.1
		-10.5	-11.0	67.6	24.7	67.5	25.5	67.3	26.2	67.3	26.6	67.2	27.0	67.0	27.7
		-9.5	-10.0	69.5	25.1	69.3	25.8	69.2	26.5	69.1	26.9	69.0	27.3	68.9	28.0
		-8.5	-9.1	71.1	25.4	71.0	26.1	70.8	26.8	70.8	27.2	70.7	27.5	70.5	28.2
		-7.0	-7.6	73.9	25.9	73.7	26.6	73.6	27.2	73.5	27.6	73.4	27.9	73.3	28.6
		-5.0	-5.6	77.6	26.5	77.4	27.1	77.3	27.8	77.2	28.1	77.1	28.4	74.5	27.7
		-3.0	-3.7	81.0	27.0	80.9	27.6	80.7	28.2	80.7	28.5	80.0	28.5	74.5	26.2
		0.0	-0.7	86.5	27.7	86.4	28.3	85.5	28.5	82.8	27.4	80.0	26.3	74.5	24.2
		3.0	2.2	91.9	28.3	91.0	28.5	85.5	26.5	82.8	25.5	80.0	24.5	74.5	22.6
		5.0	4.1	95.3	28.7	91.0	27.2	85.5	25.3	82.8	24.4	80.0	23.4	74.5	21.6
		7.0	6.0	96.5	28.0	91.0	26.1	85.5	24.2	82.8	23.3	80.0	22.5	74.5	20.7
		9.0	7.9	96.5	26.8	91.0	25.0	85.5	23.3	82.8	22.4	80.0	21.6	74.5	19.9
		11.0	9.8	96.5	25.8	91.0	24.0	85.5	22.4	82.8	21.6	80.0	20.8	74.5	19.2
		13.0	11.8	96.5	24.7	91.0	23.1	85.5	21.5	82.8	20.7	80.0	20.0	74.5	18.5
		15.0	13.7	96.5	23.8	91.0	22.3	85.5	20.8	82.8	20.0	80.0	19.3	74.5	17.8
80	600	-19.8	-20.0	50.8	22.2	50.7	23.1	50.6	24.0	50.5	24.4	50.4	24.8	50.3	25.7
		-18.8	-19.0	52.7	22.7	52.5	23.6	52.4	24.5	52.3	24.9	52.3	25.3	52.1	26.2
		-16.7	-17.0	56.3	23.8	56.2	24.6	56.1	25.4	56.0	25.8	55.9	26.2	55.8	27.0
		-14.7	-15.0	60.0	24.7	59.9	25.4	59.7	26.2	59.7	26.6	59.6	26.9	59.5	27.7
		-12.6	-13.0	63.7	25.5	63.6	26.2	63.4	26.9	63.4	27.2	63.3	27.6	63.2	28.3
		-10.5	-11.0	67.4	26.2	67.2	26.8	67.1	27.5	67.0	27.8	67.0	28.2	66.2	28.4
		-9.5	-10.0	69.2	26.5	69.1	27.1	68.9	27.8	68.9	28.1	68.8	28.4	66.2	27.5
		-8.5	-9.1	70.8	26.8	70.7	27.4	70.6	28.0	70.5	28.4	70.4	28.7	66.2	26.7
		-7.0	-7.6	73.6	27.2	73.5	27.8	73.3	28.4	73.3	28.7	71.1	27.8	66.2	25.5
		-5.0	-5.6	77.3	27.7	77.1	28.3	76.0	28.3	73.6	27.2	71.1	26.2	66.2	24.1
		-3.0	-3.7	80.7	28.2	80.6	28.8	76.0	26.8	73.6	25.8	71.1	24.8	66.2	22.8
		0.0	-0.7	85.8	28.6	80.9	26.7	76.0	24.8	73.6	23.8	71.1	22.9	66.2	21.1
		3.0	2.2	85.8	26.6	80.9	24.8	76.0	23.1	73.6	22.2	71.1	21.4	66.2	19.7
		5.0	4.1	85.8	25.4	80.9	23.7	76.0	22.1	73.6	21.3	71.1	20.5	66.2	18.9
		7.0	6.0	85.8	24.3	80.9	22.7	76.0	21.2	73.6	20.4	71.1	19.7	66.2	18.2
		9.0	7.9	85.8	23.4	80.9	21.8	76.0	20.4	73.6	19.6	71.1	18.9	66.2	17.5
		11.0	9.8	85.8	22.5	80.9	21.0	76.0	19.6	73.6	18.9	71.1	18.2	66.2	16.9
		13.0	11.8	85.8	21.6	80.9	20.2	76.0	18.9	73.6	18.2	71.1	17.5	66.2	16.3
		15.0	13.7	85.8	20.8	80.9	19.5	76.0	18.2	73.6	17.6	71.1	17.0	66.2	15.7

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	525	-19.8	-20.0	50.6	24.1	50.4	24.9	50.3	25.7	50.3	26.1	50.2	26.5	50.1	27.2
		-18.8	-19.0	52.4	24.6	52.3	25.4	52.2	26.1	52.1	26.5	52.0	26.9	51.9	27.6
		-16.7	-17.0	56.1	25.5	55.9	26.2	55.8	26.9	55.8	27.3	55.7	27.6	55.6	28.3
		-14.7	-15.0	59.7	26.3	59.6	27.0	59.5	27.6	59.4	28.0	59.4	28.3	58.0	28.0
		-12.6	-13.0	63.4	27.0	63.3	27.6	63.2	28.3	63.1	28.6	62.2	28.3	58.0	26.0
		-10.5	-11.0	67.1	27.6	66.9	28.2	66.5	28.6	64.4	27.5	62.2	26.4	58.0	24.3
		-9.5	-10.0	68.9	27.9	68.8	28.5	66.5	27.6	64.4	26.6	62.2	25.5	58.0	23.5
		-8.5	-9.1	70.5	28.2	70.4	28.7	66.5	26.9	64.4	25.8	62.2	24.8	58.0	22.9
		-7.0	-7.6	73.3	28.5	70.8	27.6	66.5	25.6	64.4	24.7	62.2	23.7	58.0	21.9
		-5.0	-5.6	75.0	27.9	70.8	26.0	66.5	24.2	64.4	23.3	62.2	22.4	58.0	20.7
		-3.0	-3.7	75.0	26.4	70.8	24.7	66.5	22.9	64.4	22.1	62.2	21.3	58.0	19.6
		0.0	-0.7	75.0	24.4	70.8	22.8	66.5	21.2	64.4	20.5	62.2	19.7	58.0	18.2
		3.0	2.2	75.0	22.7	70.8	21.3	66.5	19.8	64.4	19.1	62.2	18.4	58.0	17.1
		5.0	4.1	75.0	21.8	70.8	20.4	66.5	19.0	64.4	18.3	62.2	17.7	58.0	16.4
		7.0	6.0	75.0	20.9	70.8	19.6	66.5	18.3	64.4	17.6	62.2	17.0	58.0	15.8
		9.0	7.9	75.0	20.1	70.8	18.8	66.5	17.6	64.4	17.0	62.2	16.4	58.0	15.2
		11.0	9.8	75.0	19.3	70.8	18.1	66.5	16.9	64.4	16.4	62.2	15.8	58.0	14.7
		13.0	11.8	75.0	18.6	70.8	17.5	66.5	16.3	64.4	15.8	62.2	15.2	58.0	14.2
		15.0	13.7	75.0	18.0	70.8	16.9	66.5	15.8	64.4	15.3	62.2	14.7	58.0	13.7
60	450	-19.8	-20.0	50.3	26.1	50.2	26.8	50.1	27.4	50.0	27.8	50.0	28.1	49.7	28.6
		-18.8	-19.0	52.1	26.5	52.0	27.2	51.9	27.8	51.8	28.1	51.8	28.4	49.7	27.4
		-16.7	-17.0	55.8	27.3	55.7	27.9	55.6	28.5	55.2	28.5	53.3	27.4	49.7	25.2
		-14.7	-15.0	59.4	28.0	59.3	28.5	57.0	27.4	55.2	26.4	53.3	25.3	49.7	23.3
		-12.6	-13.0	63.1	28.6	60.7	27.4	57.0	25.5	55.2	24.5	53.3	23.6	49.7	21.7
		-10.5	-11.0	64.3	27.5	60.7	25.6	57.0	23.8	55.2	22.9	53.3	22.1	49.7	20.4
		-9.5	-10.0	64.3	26.6	60.7	24.8	57.0	23.1	55.2	22.2	53.3	21.4	49.7	19.7
		-8.5	-9.1	64.3	25.8	60.7	24.1	57.0	22.4	55.2	21.6	53.3	20.8	49.7	19.2
		-7.0	-7.6	64.3	24.7	60.7	23.0	57.0	21.5	55.2	20.7	53.3	19.9	49.7	18.4
		-5.0	-5.6	64.3	23.3	60.7	21.8	57.0	20.3	55.2	19.6	53.3	18.8	49.7	17.4
		-3.0	-3.7	64.3	22.1	60.7	20.7	57.0	19.3	55.2	18.6	53.3	17.9	49.7	16.6
		0.0	-0.7	64.3	20.5	60.7	19.2	57.0	17.9	55.2	17.3	53.3	16.7	49.7	15.5
		3.0	2.2	64.3	19.1	60.7	17.9	57.0	16.8	55.2	16.2	53.3	15.6	49.7	14.5
		5.0	4.1	64.3	18.3	60.7	17.2	57.0	16.1	55.2	15.6	53.3	15.0	49.7	14.0
		7.0	6.0	64.3	17.6	60.7	16.5	57.0	15.5	55.2	15.0	53.3	14.5	49.7	13.5
		9.0	7.9	64.3	17.0	60.7	15.9	57.0	14.9	55.2	14.4	53.3	14.0	49.7	13.0
		11.0	9.8	64.3	16.4	60.7	15.4	57.0	14.4	55.2	13.9	53.3	13.5	49.7	12.6
		13.0	11.8	64.3	15.8	60.7	14.8	57.0	13.9	55.2	13.5	53.3	13.0	49.7	12.1
		15.0	13.7	64.3	15.2	60.7	14.4	57.0	13.5	55.2	13.0	53.3	12.6	49.7	11.8
50	375	-19.8	-20.0	50.0	28.0	49.9	28.6	47.5	27.1	46.0	26.1	44.4	25.1	41.4	23.1
		-18.8	-19.0	51.8	28.4	50.6	27.9	47.5	25.9	46.0	25.0	44.4	24.0	41.4	22.1
		-16.7	-17.0	53.6	27.5	50.6	25.7	47.5	23.9	46.0	23.0	44.4	22.1	41.4	20.4
		-14.7	-15.0	53.6	25.5	50.6	23.8	47.5	22.2	46.0	21.3	44.4	20.5	41.4	19.0
		-12.6	-13.0	53.6	23.7	50.6	22.2	47.5	20.7	46.0	19.9	44.4	19.2	41.4	17.8
		-10.5	-11.0	53.6	22.2	50.6	20.8	47.5	19.4	46.0	18.7	44.4	18.0	41.4	16.7
		-9.5	-10.0	53.6	21.5	50.6	20.1	47.5	18.8	46.0	18.1	44.4	17.5	41.4	16.2
		-8.5	-9.1	53.6	20.9	50.6	19.6	47.5	18.3	46.0	17.7	44.4	17.0	41.4	15.8
		-7.0	-7.6	53.6	20.0	50.6	18.8	47.5	17.5	46.0	16.9	44.4	16.3	41.4	15.2
		-5.0	-5.6	53.6	18.9	50.6	17.8	47.5	16.6	46.0	16.1	44.4	15.5	41.4	14.4
		-3.0	-3.7	53.6	18.0	50.6	16.9	47.5	15.8	46.0	15.3	44.4	14.8	41.4	13.7
		0.0	-0.7	53.6	16.8	50.6	15.8	47.5	14.8	46.0	14.3	44.4	13.8	41.4	12.8
		3.0	2.2	53.6	15.7	50.6	14.8	47.5	13.9	46.0	13.4	44.4	13.0	41.4	12.1
		5.0	4.1	53.6	15.1	50.6	14.2	47.5	13.3	46.0	12.9	44.4	12.5	41.4	11.7
		7.0	6.0	53.6	14.5	50.6	13.7	47.5	12.9	46.0	12.5	44.4	12.1	41.4	11.3
		9.0	7.9	53.6	14.0	50.6	13.2	47.5	12.4	46.0	12.0	44.4	11.6	41.4	10.9
		11.0	9.8	53.6	13.5	50.6	12.8	47.5	12.0	46.0	11.6	44.4	11.3	41.4	10.5
		13.0	11.8	53.6	13.1	50.6	12.3	47.5	11.6	46.0	11.3	44.4	10.9	41.4	10.2
		15.0	13.7	53.6	12.7	50.6	12.0	47.5	11.3	46.0	10.9	44.4	10.6	41.4	9.91

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

PA-32ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	1,040	-19.8	-20.0	53.1	11.1	52.8	12.6	52.6	14.1	52.5	14.9	52.4	15.7	52.1	17.2
		-18.8	-19.0	54.9	12.1	54.7	13.6	54.4	15.0	54.3	15.7	54.2	16.5	54.0	17.9
		-16.7	-17.0	58.6	13.8	58.4	15.2	58.2	16.5	58.0	17.2	57.9	17.9	57.7	19.3
		-14.7	-15.0	62.3	15.4	62.1	16.6	61.9	17.9	61.8	18.5	61.6	19.2	61.4	20.4
		-12.6	-13.0	66.0	16.7	65.8	17.9	65.6	19.1	65.5	19.7	65.3	20.3	65.1	21.5
		-10.5	-11.0	69.7	17.9	69.5	19.0	69.3	20.1	69.2	20.7	69.1	21.3	68.8	22.4
		-9.5	-10.0	71.6	18.4	71.4	19.5	71.1	20.6	71.0	21.2	70.9	21.7	70.7	22.8
		-8.5	-9.1	73.3	18.9	73.0	20.0	72.8	21.0	72.7	21.6	72.6	22.1	72.4	23.2
		-7.0	-7.6	76.1	19.6	75.8	20.7	75.6	21.7	75.5	22.2	75.4	22.7	75.1	23.7
		-5.0	-5.6	79.8	20.5	79.5	21.5	79.3	22.5	79.2	23.0	79.1	23.4	78.8	24.4
		-3.0	-3.7	83.3	21.3	83.1	22.2	82.8	23.2	82.7	23.6	82.6	24.1	82.4	25.0
		0.0	-0.7	88.9	22.4	88.6	23.2	88.4	24.1	88.3	24.6	88.2	25.0	87.9	25.9
		3.0	2.2	94.2	23.3	94.0	24.1	93.8	24.9	93.7	25.3	93.5	25.8	93.3	26.6
		5.0	4.1	97.8	23.8	97.5	24.6	97.3	25.4	97.2	25.8	97.1	26.2	96.8	27.0
		7.0	6.0	101	24.4	101	25.1	101	25.9	101	26.3	101	26.6	100	27.4
		9.0	7.9	105	24.8	105	25.6	104	26.3	104	26.7	104	27.0	104	27.8
		11.0	9.8	108	25.3	108	26.0	108	26.7	108	27.0	108	27.4	107	28.1
		13.0	11.8	112	25.7	112	26.4	112	27.1	111	27.4	111	27.8	111	28.5
		15.0	13.7	116	26.1	115	26.8	115	27.4	115	27.8	115	28.1	113	28.2
120	960	-19.8	-20.0	52.7	13.2	52.5	14.6	52.3	16.0	52.2	16.7	52.1	17.3	51.9	18.7
		-18.8	-19.0	54.6	14.1	54.4	15.4	54.2	16.7	54.1	17.4	54.0	18.1	53.8	19.4
		-16.7	-17.0	58.3	15.7	58.1	16.9	57.9	18.2	57.8	18.8	57.7	19.4	57.5	20.7
		-14.7	-15.0	62.0	17.1	61.8	18.2	61.6	19.4	61.5	20.0	61.4	20.6	61.2	21.8
		-12.6	-13.0	65.7	18.3	65.5	19.4	65.3	20.5	65.2	21.1	65.1	21.6	64.9	22.7
		-10.5	-11.0	69.4	19.4	69.2	20.4	69.0	21.5	68.9	22.0	68.8	22.5	68.6	23.6
		-9.5	-10.0	71.3	19.9	71.1	20.9	70.9	21.9	70.8	22.4	70.7	22.9	70.4	24.0
		-8.5	-9.1	73.0	20.3	72.7	21.3	72.5	22.3	72.4	22.8	72.3	23.3	72.1	24.3
		-7.0	-7.6	75.7	21.0	75.5	22.0	75.3	22.9	75.2	23.4	75.1	23.9	74.9	24.8
		-5.0	-5.6	79.5	21.8	79.2	22.7	79.0	23.6	78.9	24.1	78.8	24.5	78.6	25.4
		-3.0	-3.7	83.0	22.5	82.8	23.4	82.6	24.3	82.4	24.7	82.3	25.1	82.1	26.0
		0.0	-0.7	88.5	23.5	88.3	24.4	88.1	25.2	88.0	25.6	87.9	26.0	87.7	26.8
		3.0	2.2	93.9	24.4	93.7	25.2	93.5	25.9	93.4	26.3	93.3	26.7	93.1	27.4
		5.0	4.1	97.4	24.9	97.2	25.6	97.0	26.4	96.9	26.7	96.8	27.1	96.6	27.8
		7.0	6.0	101	25.4	101	26.1	101	26.8	100	27.1	100	27.5	100	28.2
		9.0	7.9	104	25.8	104	26.5	104	27.2	104	27.5	104	27.9	104	28.5
		11.0	9.8	108	26.2	108	26.9	108	27.5	107	27.9	107	28.2	105	27.8
		13.0	11.8	112	26.6	112	27.3	111	27.9	111	28.2	111	28.5	105	26.7
		15.0	13.7	115	27.0	115	27.6	115	28.2	115	28.5	112	27.9	105	25.7
110	880	-19.8	-20.0	52.4	15.2	52.2	16.5	52.0	17.8	51.9	18.4	51.9	19.0	51.7	20.3
		-18.8	-19.0	54.3	16.0	54.1	17.3	53.9	18.5	53.8	19.1	53.7	19.7	53.5	20.9
		-16.7	-17.0	58.0	17.5	57.8	18.6	57.6	19.8	57.5	20.4	57.4	20.9	57.2	22.1
		-14.7	-15.0	61.7	18.8	61.5	19.9	61.3	20.9	61.2	21.5	61.1	22.0	60.9	23.1
		-12.6	-13.0	65.4	19.9	65.2	20.9	65.0	21.9	64.9	22.4	64.8	23.0	64.6	24.0
		-10.5	-11.0	69.1	20.9	68.9	21.9	68.7	22.8	68.6	23.3	68.5	23.8	68.4	24.7
		-9.5	-10.0	71.0	21.4	70.8	22.3	70.6	23.2	70.5	23.7	70.4	24.2	70.2	25.1
		-8.5	-9.1	72.7	21.8	72.5	22.7	72.3	23.6	72.2	24.0	72.1	24.5	71.9	25.4
		-7.0	-7.6	75.4	22.4	75.2	23.3	75.0	24.1	75.0	24.6	74.9	25.0	74.7	25.9
		-5.0	-5.6	79.1	23.2	79.0	24.0	78.8	24.8	78.7	25.2	78.6	25.6	78.4	26.5
		-3.0	-3.7	82.7	23.8	82.5	24.6	82.3	25.4	82.2	25.8	82.1	26.2	81.9	27.0
		0.0	-0.7	88.2	24.7	88.0	25.5	87.8	26.2	87.7	26.6	87.7	27.0	87.5	27.7
		3.0	2.2	93.6	25.5	93.4	26.2	93.2	26.9	93.1	27.3	93.0	27.6	92.8	28.3
		5.0	4.1	97.1	26.0	96.9	26.7	96.7	27.3	96.7	27.7	96.6	28.0	95.9	28.4
		7.0	6.0	101	26.4	100	27.1	100	27.7	100	28.0	100	28.4	95.9	27.2
		9.0	7.9	104	26.8	104	27.4	104	28.1	104	28.4	103	28.4	95.9	26.1
		11.0	9.8	108	27.2	108	27.8	107	28.4	106	28.4	103	27.3	95.9	25.1
		13.0	11.8	111	27.6	111	28.1	110	28.3	106	27.2	103	26.2	95.9	24.1
		15.0	13.7	115	27.9	115	28.5	110	27.3	106	26.2	103	25.2	95.9	23.2

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	800	-19.8	-20.0	52.1	17.2	51.9	18.4	51.8	19.6	51.7	20.1	51.6	20.7	51.4	21.9
		-18.8	-19.0	54.0	18.0	53.8	19.1	53.6	20.2	53.5	20.8	53.5	21.3	53.3	22.5
		-16.7	-17.0	57.7	19.3	57.5	20.4	57.3	21.4	57.2	21.9	57.2	22.5	57.0	23.5
		-14.7	-15.0	61.4	20.5	61.2	21.5	61.0	22.5	61.0	22.9	60.9	23.4	60.7	24.4
		-12.6	-13.0	65.1	21.5	64.9	22.5	64.8	23.4	64.7	23.8	64.6	24.3	64.4	25.2
		-10.5	-11.0	68.8	22.5	68.6	23.3	68.5	24.2	68.4	24.6	68.3	25.1	68.1	25.9
		-9.5	-10.0	70.7	22.9	70.5	23.7	70.3	24.6	70.2	25.0	70.1	25.4	70.0	26.2
		-8.5	-9.1	72.3	23.2	72.2	24.1	72.0	24.9	71.9	25.3	71.8	25.7	71.6	26.5
		-7.0	-7.6	75.1	23.8	74.9	24.6	74.8	25.4	74.7	25.8	74.6	26.2	74.4	27.0
		-5.0	-5.6	78.8	24.5	78.7	25.2	78.5	26.0	78.4	26.4	78.3	26.7	78.1	27.5
		-3.0	-3.7	82.4	25.1	82.2	25.8	82.0	26.5	81.9	26.9	81.8	27.2	81.7	28.0
		0.0	-0.7	87.9	25.9	87.7	26.6	87.6	27.3	87.5	27.6	87.4	27.9	87.1	28.6
		3.0	2.2	93.3	26.6	93.1	27.3	93.0	27.9	92.9	28.2	92.8	28.5	87.1	26.6
		5.0	4.1	96.8	27.1	96.7	27.7	96.5	28.3	96.4	28.6	93.6	27.6	87.1	25.4
		7.0	6.0	100	27.4	100	28.0	100	28.6	96.8	27.5	93.6	26.5	87.1	24.3
		9.0	7.9	104	27.8	104	28.4	100	27.4	96.8	26.4	93.6	25.4	87.1	23.4
		11.0	9.8	107	28.2	106	28.4	100	26.4	96.8	25.4	93.6	24.4	87.1	22.5
		13.0	11.8	111	28.5	106	27.2	100	25.3	96.8	24.4	93.6	23.4	87.1	21.6
		15.0	13.7	113	28.1	106	26.2	100	24.4	96.8	23.5	93.6	22.6	87.1	20.9
90	720	-19.8	-20.0	51.8	19.3	51.7	20.3	51.5	21.4	51.4	21.9	51.3	22.4	51.2	23.5
		-18.8	-19.0	53.7	20.0	53.5	21.0	53.4	22.0	53.3	22.5	53.2	23.0	53.0	24.0
		-16.7	-17.0	57.4	21.2	57.2	22.1	57.1	23.0	57.0	23.5	56.9	24.0	56.7	24.9
		-14.7	-15.0	61.1	22.2	60.9	23.1	60.8	24.0	60.7	24.4	60.6	24.9	60.5	25.7
		-12.6	-13.0	64.8	23.1	64.6	24.0	64.5	24.8	64.4	25.2	64.3	25.6	64.2	26.5
		-10.5	-11.0	68.5	24.0	68.4	24.8	68.2	25.5	68.1	25.9	68.0	26.3	67.9	27.1
		-9.5	-10.0	70.4	24.4	70.2	25.1	70.0	25.9	70.0	26.3	69.9	26.6	69.7	27.4
		-8.5	-9.1	72.0	24.7	71.9	25.4	71.7	26.2	71.6	26.5	71.6	26.9	71.4	27.6
		-7.0	-7.6	74.8	25.2	74.7	25.9	74.5	26.6	74.4	27.0	74.3	27.3	74.2	28.0
		-5.0	-5.6	78.5	25.8	78.4	26.5	78.2	27.2	78.1	27.5	78.1	27.8	77.9	28.5
		-3.0	-3.7	82.1	26.3	81.9	27.0	81.7	27.6	81.7	28.0	81.6	28.3	78.4	27.3
		0.0	-0.7	87.6	27.1	87.5	27.7	87.3	28.3	87.1	28.6	84.2	27.4	78.4	25.2
		3.0	2.2	93.0	27.7	92.8	28.3	90.0	27.6	87.1	26.6	84.2	25.5	78.4	23.5
		5.0	4.1	96.5	28.1	95.8	28.4	90.0	26.4	87.1	25.4	84.2	24.4	78.4	22.5
		7.0	6.0	100	28.5	95.8	27.2	90.0	25.3	87.1	24.3	84.2	23.4	78.4	21.6
		9.0	7.9	102	28.0	95.8	26.1	90.0	24.3	87.1	23.4	84.2	22.5	78.4	20.8
		11.0	9.8	102	26.8	95.8	25.1	90.0	23.3	87.1	22.5	84.2	21.6	78.4	20.0
		13.0	11.8	102	25.8	95.8	24.1	90.0	22.4	87.1	21.6	84.2	20.8	78.4	19.2
		15.0	13.7	102	24.8	95.8	23.2	90.0	21.6	87.1	20.9	84.2	20.1	78.4	18.6
80	640	-19.8	-20.0	51.5	21.3	51.4	22.3	51.2	23.2	51.2	23.6	51.1	24.1	50.9	25.0
		-18.8	-19.0	53.4	21.9	53.2	22.8	53.1	23.7	53.0	24.2	52.9	24.6	52.8	25.5
		-16.7	-17.0	57.1	23.0	56.9	23.8	56.8	24.7	56.7	25.1	56.6	25.5	56.5	26.3
		-14.7	-15.0	60.8	23.9	60.6	24.7	60.5	25.5	60.4	25.9	60.4	26.3	60.2	27.1
		-12.6	-13.0	64.5	24.8	64.4	25.5	64.2	26.2	64.1	26.6	64.1	27.0	63.9	27.7
		-10.5	-11.0	68.2	25.5	68.1	26.2	67.9	26.9	67.8	27.2	67.8	27.6	67.6	28.3
		-9.5	-10.0	70.1	25.8	69.9	26.5	69.8	27.2	69.7	27.5	69.6	27.9	69.5	28.5
		-8.5	-9.1	71.7	26.1	71.6	26.8	71.4	27.4	71.4	27.8	71.3	28.1	69.7	27.9
		-7.0	-7.6	74.5	26.6	74.4	27.2	74.2	27.8	74.2	28.2	74.1	28.5	69.7	26.6
		-5.0	-5.6	78.2	27.1	78.1	27.7	77.9	28.3	77.4	28.4	74.9	27.3	69.7	25.1
		-3.0	-3.7	81.7	27.6	81.6	28.2	80.0	28.0	77.4	26.9	74.9	25.9	69.7	23.8
		0.0	-0.7	87.3	28.3	85.1	27.8	80.0	25.8	77.4	24.9	74.9	23.9	69.7	22.0
		3.0	2.2	90.3	27.7	85.1	25.9	80.0	24.0	77.4	23.2	74.9	22.3	69.7	20.6
		5.0	4.1	90.3	26.5	85.1	24.7	80.0	23.0	77.4	22.2	74.9	21.4	69.7	19.7
		7.0	6.0	90.3	25.4	85.1	23.7	80.0	22.1	77.4	21.3	74.9	20.5	69.7	19.0
		9.0	7.9	90.3	24.3	85.1	22.8	80.0	21.2	77.4	20.5	74.9	19.7	69.7	18.2
		11.0	9.8	90.3	23.4	85.1	21.9	80.0	20.4	77.4	19.7	74.9	19.0	69.7	17.6
		13.0	11.8	90.3	22.5	85.1	21.1	80.0	19.7	77.4	19.0	74.9	18.3	69.7	16.9
		15.0	13.7	90.3	21.7	85.1	20.3	80.0	19.0	77.4	18.3	74.9	17.7	69.7	16.4

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	560	-19.8	-20.0	51.2	23.4	51.1	24.2	51.0	25.0	50.9	25.4	50.8	25.8	50.7	26.6
		-18.8	-19.0	53.1	23.9	52.9	24.7	52.8	25.5	52.7	25.8	52.7	26.2	52.6	27.0
		-16.7	-17.0	56.8	24.8	56.6	25.6	56.5	26.3	56.5	26.7	56.4	27.0	56.3	27.7
		-14.7	-15.0	60.5	25.7	60.3	26.3	60.2	27.0	60.2	27.4	60.1	27.7	60.0	28.4
		-12.6	-13.0	64.2	26.4	64.1	27.0	63.9	27.7	63.9	28.0	63.8	28.3	61.0	27.1
		-10.5	-11.0	67.9	27.0	67.8	27.6	67.6	28.2	67.6	28.5	65.5	27.5	61.0	25.3
		-9.5	-10.0	69.7	27.3	69.6	27.9	69.5	28.5	67.8	27.7	65.5	26.6	61.0	24.5
		-8.5	-9.1	71.4	27.6	71.3	28.1	70.0	28.0	67.8	26.9	65.5	25.9	61.0	23.8
		-7.0	-7.6	74.2	28.0	74.1	28.5	70.0	26.7	67.8	25.7	65.5	24.7	61.0	22.8
		-5.0	-5.6	77.9	28.4	74.5	27.1	70.0	25.2	67.8	24.3	65.5	23.3	61.0	21.5
		-3.0	-3.7	79.0	27.5	74.5	25.7	70.0	23.9	67.8	23.0	65.5	22.2	61.0	20.5
		0.0	-0.7	79.0	25.4	74.5	23.8	70.0	22.1	67.8	21.3	65.5	20.6	61.0	19.0
		3.0	2.2	79.0	23.7	74.5	22.2	70.0	20.7	67.8	19.9	65.5	19.2	61.0	17.8
		5.0	4.1	79.0	22.7	74.5	21.2	70.0	19.8	67.8	19.1	65.5	18.4	61.0	17.1
		7.0	6.0	79.0	21.8	74.5	20.4	70.0	19.0	67.8	18.4	65.5	17.7	61.0	16.4
		9.0	7.9	79.0	20.9	74.5	19.6	70.0	18.3	67.8	17.7	65.5	17.1	61.0	15.8
		11.0	9.8	79.0	20.1	74.5	18.9	70.0	17.7	67.8	17.1	65.5	16.5	61.0	15.3
		13.0	11.8	79.0	19.4	74.5	18.2	70.0	17.0	67.8	16.4	65.5	15.9	61.0	14.8
		15.0	13.7	79.0	18.7	74.5	17.6	70.0	16.5	67.8	15.9	65.5	15.4	61.0	14.3
60	480	-19.8	-20.0	50.9	25.4	50.8	26.1	50.7	26.8	50.6	27.1	50.6	27.5	50.5	28.2
		-18.8	-19.0	52.7	25.9	52.6	26.5	52.5	27.2	52.5	27.5	52.4	27.9	52.3	28.5
		-16.7	-17.0	56.5	26.7	56.3	27.3	56.2	27.9	56.2	28.2	56.1	28.5	52.3	26.2
		-14.7	-15.0	60.2	27.4	60.1	28.0	60.0	28.5	58.1	27.5	56.1	26.4	52.3	24.3
		-12.6	-13.0	63.9	28.0	63.8	28.5	60.0	26.6	58.1	25.6	56.1	24.6	52.3	22.7
		-10.5	-11.0	67.6	28.5	63.9	26.7	60.0	24.8	58.1	23.9	56.1	23.0	52.3	21.2
		-9.5	-10.0	67.7	27.7	63.9	25.8	60.0	24.0	58.1	23.2	56.1	22.3	52.3	20.6
		-8.5	-9.1	67.7	26.9	63.9	25.1	60.0	23.4	58.1	22.5	56.1	21.7	52.3	20.0
		-7.0	-7.6	67.7	25.7	63.9	24.0	60.0	22.4	58.1	21.6	56.1	20.8	52.3	19.2
		-5.0	-5.6	67.7	24.2	63.9	22.7	60.0	21.1	58.1	20.4	56.1	19.6	52.3	18.2
		-3.0	-3.7	67.7	23.0	63.9	21.5	60.0	20.1	58.1	19.4	56.1	18.7	52.3	17.3
		0.0	-0.7	67.7	21.3	63.9	20.0	60.0	18.7	58.1	18.0	56.1	17.4	52.3	16.1
		3.0	2.2	67.7	19.9	63.9	18.7	60.0	17.5	58.1	16.9	56.1	16.3	52.3	15.1
		5.0	4.1	67.7	19.1	63.9	17.9	60.0	16.8	58.1	16.2	56.1	15.7	52.3	14.6
		7.0	6.0	67.7	18.4	63.9	17.2	60.0	16.1	58.1	15.6	56.1	15.1	52.3	14.0
		9.0	7.9	67.7	17.7	63.9	16.6	60.0	15.6	58.1	15.1	56.1	14.5	52.3	13.5
		11.0	9.8	67.7	17.0	63.9	16.0	60.0	15.0	58.1	14.5	56.1	14.0	52.3	13.1
		13.0	11.8	67.7	16.4	63.9	15.5	60.0	14.5	58.1	14.0	56.1	13.6	52.3	12.6
		15.0	13.7	67.7	15.9	63.9	15.0	60.0	14.0	58.1	13.6	56.1	13.1	52.3	12.3
50	400	-19.8	-20.0	50.6	27.4	50.5	28.0	50.0	28.2	48.4	27.2	46.8	26.1	43.6	24.0
		-18.8	-19.0	52.4	27.8	52.3	28.4	50.0	27.0	48.4	26.0	46.8	25.0	43.6	23.0
		-16.7	-17.0	56.1	28.5	53.2	26.8	50.0	24.9	48.4	24.0	46.8	23.1	43.6	21.3
		-14.7	-15.0	56.4	26.6	53.2	24.8	50.0	23.1	48.4	22.3	46.8	21.4	43.6	19.8
		-12.6	-13.0	56.4	24.7	53.2	23.1	50.0	21.5	48.4	20.8	46.8	20.0	43.6	18.5
		-10.5	-11.0	56.4	23.1	53.2	21.6	50.0	20.2	48.4	19.5	46.8	18.8	43.6	17.4
		-9.5	-10.0	56.4	22.4	53.2	21.0	50.0	19.6	48.4	18.9	46.8	18.2	43.6	16.9
		-8.5	-9.1	56.4	21.8	53.2	20.4	50.0	19.1	48.4	18.4	46.8	17.7	43.6	16.5
		-7.0	-7.6	56.4	20.9	53.2	19.6	50.0	18.3	48.4	17.6	46.8	17.0	43.6	15.8
		-5.0	-5.6	56.4	19.7	53.2	18.5	50.0	17.3	48.4	16.7	46.8	16.1	43.6	15.0
		-3.0	-3.7	56.4	18.8	53.2	17.6	50.0	16.5	48.4	16.0	46.8	15.4	43.6	14.3
		0.0	-0.7	56.4	17.5	53.2	16.4	50.0	15.4	48.4	14.9	46.8	14.4	43.6	13.4
		3.0	2.2	56.4	16.4	53.2	15.4	50.0	14.5	48.4	14.0	46.8	13.5	43.6	12.6
		5.0	4.1	56.4	15.7	53.2	14.8	50.0	13.9	48.4	13.5	46.8	13.0	43.6	12.1
		7.0	6.0	56.4	15.2	53.2	14.3	50.0	13.4	48.4	13.0	46.8	12.6	43.6	11.7
		9.0	7.9	56.4	14.6	53.2	13.8	50.0	12.9	48.4	12.5	46.8	12.1	43.6	11.3
		11.0	9.8	56.4	14.1	53.2	13.3	50.0	12.5	48.4	12.1	46.8	11.7	43.6	11.0
		13.0	11.8	56.4	13.6	53.2	12.9	50.0	12.1	48.4	11.7	46.8	11.4	43.6	10.6
		15.0	13.7	56.4	13.2	53.2	12.5	50.0	11.7	48.4	11.4	46.8	11.0	43.6	10.3

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

PA-34ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	1,105	-19.8	-20.0	60.7	15.6	60.4	17.3	60.2	19.0	60.1	19.9	59.9	20.7	59.7	22.4
		-18.8	-19.0	62.8	16.7	62.6	18.4	62.3	20.0	62.2	20.8	62.1	21.6	61.8	23.3
		-16.7	-17.0	67.1	18.7	66.8	20.2	66.6	21.7	66.5	22.5	66.3	23.2	66.1	24.8
		-14.7	-15.0	71.3	20.4	71.1	21.8	70.8	23.2	70.7	23.9	70.6	24.7	70.3	26.1
		-12.6	-13.0	75.6	21.9	75.4	23.2	75.1	24.6	75.0	25.2	74.9	25.9	74.6	27.2
		-10.5	-11.0	79.9	23.2	79.6	24.5	79.4	25.7	79.2	26.4	79.1	27.0	78.9	28.3
		-9.5	-10.0	82.0	23.8	81.7	25.1	81.5	26.3	81.4	26.9	81.3	27.5	81.0	28.8
		-8.5	-9.1	83.9	24.4	83.7	25.6	83.4	26.8	83.3	27.4	83.2	28.0	82.9	29.2
		-7.0	-7.6	87.1	25.2	86.9	26.3	86.6	27.5	86.5	28.1	86.4	28.6	86.1	29.8
		-5.0	-5.6	91.4	26.2	91.1	27.3	90.9	28.4	90.8	28.9	90.6	29.5	90.4	30.6
		-3.0	-3.7	95.4	27.0	95.2	28.1	94.9	29.1	94.8	29.7	94.7	30.2	94.4	31.2
		0.0	-0.7	102	28.3	102	29.2	101	30.2	101	30.7	101	31.2	101	32.2
		3.0	2.2	108	29.3	108	30.2	107	31.1	107	31.6	107	32.1	107	33.0
		5.0	4.1	112	29.9	112	30.8	112	31.7	111	32.1	111	32.6	111	33.5
		7.0	6.0	116	30.5	116	31.3	116	32.2	115	32.6	115	33.1	115	33.9
		9.0	7.9	120	31.0	120	31.9	120	32.7	120	33.1	119	33.5	119	34.3
		11.0	9.8	124	31.5	124	32.3	124	33.1	124	33.5	123	33.9	122	34.3
		13.0	11.8	128	32.0	128	32.8	128	33.6	128	33.9	128	34.3	122	32.9
		15.0	13.7	133	32.4	132	33.2	132	33.9	132	34.3	131	34.5	122	31.7
120	1,020	-19.8	-20.0	60.3	17.9	60.1	19.5	59.9	21.0	59.8	21.8	59.7	22.6	59.4	24.2
		-18.8	-19.0	62.5	18.9	62.2	20.4	62.0	21.9	61.9	22.7	61.8	23.4	61.6	25.0
		-16.7	-17.0	66.7	20.7	66.5	22.1	66.3	23.5	66.2	24.2	66.1	24.9	65.8	26.4
		-14.7	-15.0	71.0	22.3	70.8	23.6	70.5	24.9	70.4	25.6	70.3	26.3	70.1	27.6
		-12.6	-13.0	75.3	23.7	75.0	24.9	74.8	26.2	74.7	26.8	74.6	27.4	74.4	28.6
		-10.5	-11.0	79.5	24.9	79.3	26.1	79.1	27.3	79.0	27.8	78.8	28.4	78.6	29.6
		-9.5	-10.0	81.7	25.5	81.4	26.6	81.2	27.8	81.1	28.3	81.0	28.9	80.7	30.0
		-8.5	-9.1	83.6	26.0	83.3	27.1	83.1	28.2	83.0	28.8	82.9	29.3	82.7	30.4
		-7.0	-7.6	86.8	26.7	86.5	27.8	86.3	28.9	86.2	29.4	86.1	29.9	85.9	31.0
		-5.0	-5.6	91.0	27.7	90.8	28.7	90.6	29.7	90.5	30.2	90.4	30.7	90.1	31.7
		-3.0	-3.7	95.1	28.5	94.9	29.4	94.6	30.4	94.5	30.9	94.4	31.4	94.2	32.3
		0.0	-0.7	101	29.6	101	30.5	101	31.4	101	31.9	101	32.3	101	33.2
		3.0	2.2	108	30.5	107	31.4	107	32.3	107	32.7	107	33.1	107	34.0
		5.0	4.1	112	31.1	111	31.9	111	32.8	111	33.2	111	33.6	111	34.4
		7.0	6.0	116	31.6	116	32.4	115	33.2	115	33.6	115	34.0	113	33.9
		9.0	7.9	120	32.1	120	32.9	119	33.7	119	34.1	119	34.4	113	32.5
		11.0	9.8	124	32.6	124	33.3	123	34.1	123	34.4	121	34.0	113	31.2
		13.0	11.8	128	33.1	128	33.8	128	34.5	125	33.9	121	32.6	113	29.9
		15.0	13.7	132	33.5	132	34.1	130	34.0	125	32.7	121	31.4	113	28.8
110	935	-19.8	-20.0	60.0	20.2	59.8	21.6	59.6	23.1	59.5	23.8	59.4	24.5	59.2	25.9
		-18.8	-19.0	62.1	21.1	61.9	22.5	61.7	23.9	61.6	24.6	61.5	25.3	61.3	26.7
		-16.7	-17.0	66.4	22.8	66.2	24.1	66.0	25.4	65.9	26.0	65.8	26.7	65.6	27.9
		-14.7	-15.0	70.7	24.2	70.5	25.4	70.3	26.6	70.1	27.2	70.0	27.9	69.8	29.1
		-12.6	-13.0	74.9	25.5	74.7	26.6	74.5	27.8	74.4	28.3	74.3	28.9	74.1	30.0
		-10.5	-11.0	79.2	26.6	79.0	27.7	78.8	28.8	78.7	29.3	78.6	29.9	78.4	30.9
		-9.5	-10.0	81.3	27.2	81.1	28.2	80.9	29.2	80.8	29.8	80.7	30.3	80.5	31.3
		-8.5	-9.1	83.2	27.6	83.0	28.6	82.8	29.6	82.7	30.1	82.6	30.7	82.4	31.7
		-7.0	-7.6	86.4	28.3	86.2	29.3	86.0	30.3	85.9	30.7	85.8	31.2	85.6	32.2
		-5.0	-5.6	90.7	29.1	90.5	30.1	90.3	31.0	90.2	31.5	90.1	31.9	89.9	32.9
		-3.0	-3.7	94.8	29.9	94.5	30.8	94.3	31.7	94.2	32.1	94.1	32.5	93.9	33.4
		0.0	-0.7	101	30.9	101	31.7	101	32.6	101	33.0	101	33.4	100	34.2
		3.0	2.2	107	31.8	107	32.6	107	33.4	107	33.7	107	34.1	104	33.4
		5.0	4.1	111	32.3	111	33.1	111	33.8	111	34.2	111	34.6	104	31.9
		7.0	6.0	115	32.8	115	33.5	115	34.3	115	34.6	111	33.3	104	30.6
		9.0	7.9	119	33.3	119	34.0	119	34.5	115	33.2	111	31.9	104	29.3
		11.0	9.8	124	33.7	123	34.4	119	33.1	115	31.9	111	30.6	104	28.2
		13.0	11.8	128	34.1	126	34.3	119	31.8	115	30.6	111	29.4	104	27.1
		15.0	13.7	132	34.5	126	33.0	119	30.6	115	29.5	111	28.3	104	26.1

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	850	-19.8	-20.0	59.7	22.5	59.5	23.8	59.3	25.1	59.2	25.8	59.1	26.4	58.9	27.7
		-18.8	-19.0	61.8	23.3	61.6	24.6	61.4	25.9	61.3	26.5	61.2	27.1	61.0	28.4
		-16.7	-17.0	66.1	24.8	65.9	26.0	65.7	27.2	65.6	27.8	65.5	28.4	65.3	29.5
		-14.7	-15.0	70.3	26.2	70.1	27.3	70.0	28.4	69.9	28.9	69.8	29.5	69.6	30.5
		-12.6	-13.0	74.6	27.3	74.4	28.3	74.2	29.4	74.1	29.9	74.0	30.4	73.8	31.4
		-10.5	-11.0	78.9	28.3	78.7	29.3	78.5	30.3	78.4	30.8	78.3	31.3	78.1	32.2
		-9.5	-10.0	81.0	28.8	80.8	29.8	80.6	30.7	80.5	31.2	80.4	31.7	80.2	32.6
		-8.5	-9.1	82.9	29.2	82.7	30.1	82.5	31.1	82.4	31.5	82.3	32.0	82.1	32.9
		-7.0	-7.6	86.1	29.9	85.9	30.7	85.7	31.6	85.6	32.1	85.5	32.5	85.3	33.4
		-5.0	-5.6	90.4	30.6	90.2	31.5	90.0	32.3	89.9	32.7	89.8	33.2	89.6	34.0
		-3.0	-3.7	94.4	31.3	94.2	32.1	94.0	32.9	93.9	33.3	93.8	33.7	93.7	34.5
		0.0	-0.7	101	32.2	101	33.0	100	33.8	100	34.1	100	34.5	94.1	32.1
		3.0	2.2	107	33.0	107	33.8	107	34.5	105	33.8	101	32.5	94.1	29.8
		5.0	4.1	111	33.5	111	34.2	108	33.6	105	32.3	101	31.0	94.1	28.5
		7.0	6.0	115	34.0	115	34.6	108	32.1	105	30.9	101	29.7	94.1	27.3
		9.0	7.9	119	34.4	115	33.2	108	30.8	105	29.6	101	28.5	94.1	26.3
		11.0	9.8	122	34.2	115	31.9	108	29.6	105	28.5	101	27.4	94.1	25.3
		13.0	11.8	122	32.8	115	30.6	108	28.4	105	27.4	101	26.3	94.1	24.3
		15.0	13.7	122	31.6	115	29.4	108	27.4	105	26.4	101	25.4	94.1	23.4
90	765	-19.8	-20.0	59.3	24.8	59.2	26.0	59.0	27.1	58.9	27.7	58.8	28.3	58.7	29.5
		-18.8	-19.0	61.5	25.5	61.3	26.7	61.1	27.8	61.0	28.4	61.0	28.9	60.8	30.1
		-16.7	-17.0	65.7	26.9	65.6	28.0	65.4	29.0	65.3	29.5	65.2	30.1	65.1	31.1
		-14.7	-15.0	70.0	28.1	69.8	29.1	69.7	30.1	69.6	30.6	69.5	31.0	69.3	32.0
		-12.6	-13.0	74.3	29.1	74.1	30.1	73.9	31.0	73.8	31.5	73.8	31.9	73.6	32.8
		-10.5	-11.0	78.5	30.1	78.4	30.9	78.2	31.8	78.1	32.2	78.0	32.7	77.8	33.6
		-9.5	-10.0	80.7	30.5	80.5	31.3	80.3	32.2	80.2	32.6	80.1	33.0	80.0	33.9
		-8.5	-9.1	82.6	30.8	82.4	31.7	82.2	32.5	82.1	32.9	82.1	33.3	81.9	34.2
		-7.0	-7.6	85.8	31.4	85.6	32.2	85.4	33.0	85.3	33.4	85.3	33.8	84.7	34.4
		-5.0	-5.6	90.0	32.1	89.9	32.9	89.7	33.6	89.6	34.0	89.5	34.4	84.7	32.4
		-3.0	-3.7	94.1	32.7	93.9	33.4	93.7	34.2	93.7	34.5	91.0	33.4	84.7	30.7
		0.0	-0.7	100	33.6	100	34.2	97.2	33.3	94.1	32.1	91.0	30.8	84.7	28.3
		3.0	2.2	107	34.3	103	33.4	97.2	31.0	94.1	29.8	91.0	28.7	84.7	26.4
		5.0	4.1	110	34.2	103	31.9	97.2	29.6	94.1	28.5	91.0	27.4	84.7	25.3
		7.0	6.0	110	32.7	103	30.5	97.2	28.4	94.1	27.3	91.0	26.3	84.7	24.3
		9.0	7.9	110	31.4	103	29.3	97.2	27.2	94.1	26.2	91.0	25.2	84.7	23.3
		11.0	9.8	110	30.1	103	28.1	97.2	26.2	94.1	25.2	91.0	24.3	84.7	22.4
		13.0	11.8	110	28.9	103	27.0	97.2	25.2	94.1	24.3	91.0	23.4	84.7	21.6
		15.0	13.7	110	27.9	103	26.1	97.2	24.3	94.1	23.4	91.0	22.6	84.7	20.9
80	680	-19.8	-20.0	59.0	27.1	58.9	28.1	58.7	29.2	58.6	29.7	58.6	30.2	58.4	31.3
		-18.8	-19.0	61.1	27.8	61.0	28.8	60.8	29.8	60.8	30.3	60.7	30.8	60.5	31.8
		-16.7	-17.0	65.4	29.0	65.3	29.9	65.1	30.8	65.0	31.3	64.9	31.8	64.8	32.7
		-14.7	-15.0	69.7	30.0	69.5	30.9	69.4	31.8	69.3	32.2	69.2	32.6	69.1	33.5
		-12.6	-13.0	73.9	30.9	73.8	31.8	73.6	32.6	73.5	33.0	73.5	33.4	73.3	34.2
		-10.5	-11.0	78.2	31.8	78.0	32.5	77.9	33.3	77.8	33.7	77.7	34.1	75.3	33.3
		-9.5	-10.0	80.3	32.1	80.2	32.9	80.0	33.7	79.9	34.0	79.9	34.4	75.3	32.2
		-8.5	-9.1	82.2	32.5	82.1	33.2	81.9	34.0	81.9	34.3	80.8	34.1	75.3	31.3
		-7.0	-7.6	85.4	33.0	85.3	33.7	85.1	34.4	83.6	33.8	80.8	32.5	75.3	29.9
		-5.0	-5.6	89.7	33.6	89.5	34.3	86.4	33.1	83.6	31.9	80.8	30.6	75.3	28.2
		-3.0	-3.7	93.8	34.1	92.0	33.8	86.4	31.4	83.6	30.2	80.8	29.0	75.3	26.7
		0.0	-0.7	97.5	33.5	92.0	31.2	86.4	29.0	83.6	27.9	80.8	26.8	75.3	24.8
		3.0	2.2	97.5	31.1	92.0	29.0	86.4	27.0	83.6	26.0	80.8	25.0	75.3	23.1
		5.0	4.1	97.5	29.7	92.0	27.8	86.4	25.9	83.6	24.9	80.8	24.0	75.3	22.2
		7.0	6.0	97.5	28.5	92.0	26.6	86.4	24.8	83.6	23.9	80.8	23.0	75.3	21.3
		9.0	7.9	97.5	27.3	92.0	25.6	86.4	23.8	83.6	23.0	80.8	22.1	75.3	20.5
		11.0	9.8	97.5	26.3	92.0	24.6	86.4	22.9	83.6	22.1	80.8	21.3	75.3	19.7
		13.0	11.8	97.5	25.3	92.0	23.7	86.4	22.1	83.6	21.3	80.8	20.5	75.3	19.0
		15.0	13.7	97.5	24.4	92.0	22.8	86.4	21.3	83.6	20.6	80.8	19.8	75.3	18.4

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	595	-19.8	-20.0	58.7	29.4	58.5	30.3	58.4	31.2	58.3	31.7	58.3	32.1	58.1	33.0
		-18.8	-19.0	60.8	30.0	60.7	30.8	60.5	31.7	60.5	32.2	60.4	32.6	60.3	33.5
		-16.7	-17.0	65.1	31.0	64.9	31.8	64.8	32.7	64.7	33.1	64.7	33.5	64.5	34.3
		-14.7	-15.0	69.3	31.9	69.2	32.7	69.1	33.5	69.0	33.9	68.9	34.2	65.9	32.7
		-12.6	-13.0	73.6	32.8	73.5	33.5	73.3	34.2	73.2	34.5	70.7	33.1	65.9	30.4
		-10.5	-11.0	77.9	33.5	77.7	34.2	75.6	33.5	73.2	32.2	70.7	30.9	65.9	28.4
		-9.5	-10.0	80.0	33.8	79.9	34.5	75.6	32.4	73.2	31.1	70.7	29.9	65.9	27.5
		-8.5	-9.1	81.9	34.1	80.5	33.9	75.6	31.4	73.2	30.2	70.7	29.1	65.9	26.8
		-7.0	-7.6	85.1	34.5	80.5	32.3	75.6	30.0	73.2	28.9	70.7	27.8	65.9	25.6
		-5.0	-5.6	85.3	32.6	80.5	30.4	75.6	28.3	73.2	27.2	70.7	26.2	65.9	24.2
		-3.0	-3.7	85.3	30.9	80.5	28.9	75.6	26.9	73.2	25.9	70.7	24.9	65.9	23.0
		0.0	-0.7	85.3	28.6	80.5	26.7	75.6	24.9	73.2	24.0	70.7	23.1	65.9	21.3
		3.0	2.2	85.3	26.6	80.5	24.9	75.6	23.2	73.2	22.4	70.7	21.6	65.9	20.0
		5.0	4.1	85.3	25.5	80.5	23.9	75.6	22.3	73.2	21.5	70.7	20.7	65.9	19.2
		7.0	6.0	85.3	24.4	80.5	22.9	75.6	21.4	73.2	20.6	70.7	19.9	65.9	18.5
		9.0	7.9	85.3	23.5	80.5	22.0	75.6	20.6	73.2	19.9	70.7	19.2	65.9	17.8
		11.0	9.8	85.3	22.6	80.5	21.2	75.6	19.8	73.2	19.2	70.7	18.5	65.9	17.2
		13.0	11.8	85.3	21.8	80.5	20.4	75.6	19.1	73.2	18.5	70.7	17.8	65.9	16.6
		15.0	13.7	85.3	21.0	80.5	19.7	75.6	18.5	73.2	17.9	70.7	17.2	65.9	16.0
60	510	-19.8	-20.0	58.3	31.7	58.2	32.4	58.1	33.2	58.1	33.6	58.0	34.0	56.5	33.5
		-18.8	-19.0	60.5	32.2	60.4	32.9	60.2	33.7	60.2	34.0	60.1	34.4	56.5	32.0
		-16.7	-17.0	64.7	33.1	64.6	33.8	64.5	34.5	62.7	33.4	60.6	32.1	56.5	29.5
		-14.7	-15.0	69.0	33.9	68.9	34.5	64.8	32.1	62.7	30.9	60.6	29.7	56.5	27.3
		-12.6	-13.0	73.1	34.5	69.0	32.1	64.8	29.8	62.7	28.7	60.6	27.6	56.5	25.4
		-10.5	-11.0	73.1	32.1	69.0	30.0	64.8	27.9	62.7	26.8	60.6	25.8	56.5	23.8
		-9.5	-10.0	73.1	31.1	69.0	29.0	64.8	27.0	62.7	26.0	60.6	25.0	56.5	23.1
		-8.5	-9.1	73.1	30.2	69.0	28.2	64.8	26.3	62.7	25.3	60.6	24.4	56.5	22.5
		-7.0	-7.6	73.1	28.9	69.0	27.0	64.8	25.1	62.7	24.2	60.6	23.3	56.5	21.5
		-5.0	-5.6	73.1	27.2	69.0	25.5	64.8	23.7	62.7	22.9	60.6	22.1	56.5	20.4
		-3.0	-3.7	73.1	25.9	69.0	24.2	64.8	22.6	62.7	21.8	60.6	21.0	56.5	19.4
		0.0	-0.7	73.1	24.0	69.0	22.4	64.8	21.0	62.7	20.2	60.6	19.5	56.5	18.1
		3.0	2.2	73.1	22.4	69.0	21.0	64.8	19.6	62.7	19.0	60.6	18.3	56.5	17.0
		5.0	4.1	73.1	21.5	69.0	20.1	64.8	18.8	62.7	18.2	60.6	17.6	56.5	16.3
		7.0	6.0	73.1	20.6	69.0	19.4	64.8	18.1	62.7	17.5	60.6	16.9	56.5	15.7
		9.0	7.9	73.1	19.9	69.0	18.7	64.8	17.5	62.7	16.9	60.6	16.3	56.5	15.2
		11.0	9.8	73.1	19.1	69.0	18.0	64.8	16.9	62.7	16.3	60.6	15.8	56.5	14.7
		13.0	11.8	73.1	18.5	69.0	17.4	64.8	16.3	62.7	15.8	60.6	15.2	56.5	14.2
		15.0	13.7	73.1	17.8	69.0	16.8	64.8	15.8	62.7	15.3	60.6	14.8	56.5	13.8
50	425	-19.8	-20.0	58.0	34.0	57.5	34.2	54.0	31.7	52.3	30.5	50.5	29.3	47.1	27.0
		-18.8	-19.0	60.1	34.4	57.5	32.7	54.0	30.4	52.3	29.2	50.5	28.1	47.1	25.9
		-16.7	-17.0	60.9	32.2	57.5	30.1	54.0	28.0	52.3	26.9	50.5	25.9	47.1	23.9
		-14.7	-15.0	60.9	29.8	57.5	27.9	54.0	25.9	52.3	25.0	50.5	24.1	47.1	22.2
		-12.6	-13.0	60.9	27.8	57.5	26.0	54.0	24.2	52.3	23.3	50.5	22.5	47.1	20.8
		-10.5	-11.0	60.9	26.0	57.5	24.3	54.0	22.7	52.3	21.9	50.5	21.1	47.1	19.5
		-9.5	-10.0	60.9	25.2	57.5	23.6	54.0	22.0	52.3	21.2	50.5	20.5	47.1	19.0
		-8.5	-9.1	60.9	24.5	57.5	22.9	54.0	21.4	52.3	20.7	50.5	19.9	47.1	18.5
		-7.0	-7.6	60.9	23.4	57.5	22.0	54.0	20.5	52.3	19.8	50.5	19.1	47.1	17.7
		-5.0	-5.6	60.9	22.2	57.5	20.8	54.0	19.5	52.3	18.8	50.5	18.1	47.1	16.8
		-3.0	-3.7	60.9	21.1	57.5	19.8	54.0	18.5	52.3	17.9	50.5	17.3	47.1	16.1
		0.0	-0.7	60.9	19.6	57.5	18.4	54.0	17.3	52.3	16.7	50.5	16.1	47.1	15.0
		3.0	2.2	60.9	18.4	57.5	17.3	54.0	16.2	52.3	15.7	50.5	15.2	47.1	14.2
		5.0	4.1	60.9	17.7	57.5	16.6	54.0	15.6	52.3	15.1	50.5	14.6	47.1	13.6
		7.0	6.0	60.9	17.0	57.5	16.0	54.0	15.1	52.3	14.6	50.5	14.1	47.1	13.2
		9.0	7.9	60.9	16.4	57.5	15.5	54.0	14.5	52.3	14.1	50.5	13.6	47.1	12.7
		11.0	9.8	60.9	15.9	57.5	15.0	54.0	14.1	52.3	13.6	50.5	13.2	47.1	12.3
		13.0	11.8	60.9	15.3	57.5	14.4	54.0	13.6	52.3	13.2	50.5	12.8	47.1	11.9
		15.0	13.7	60.9	14.8	57.5	14.0	54.0	13.2	52.3	12.8	50.5	12.4	47.1	11.6

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

PA-36ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	1,170	-19.8	-20.0	61.4	14.3	61.2	16.0	60.9	17.8	60.8	18.7	60.6	19.6	60.4	21.3
		-18.8	-19.0	63.6	15.4	63.3	17.1	63.1	18.8	62.9	19.6	62.8	20.5	62.5	22.2
		-16.7	-17.0	67.9	17.4	67.6	19.0	67.4	20.6	67.2	21.4	67.1	22.2	66.8	23.8
		-14.7	-15.0	72.2	19.2	71.9	20.7	71.7	22.2	71.5	22.9	71.4	23.6	71.1	25.1
		-12.6	-13.0	76.5	20.8	76.2	22.2	76.0	23.5	75.8	24.2	75.7	24.9	75.4	26.3
		-10.5	-11.0	80.8	22.1	80.5	23.5	80.3	24.8	80.1	25.4	80.0	26.1	79.8	27.4
		-9.5	-10.0	82.9	22.8	82.7	24.1	82.4	25.3	82.3	26.0	82.2	26.6	81.9	27.9
		-8.5	-9.1	84.9	23.3	84.6	24.6	84.4	25.8	84.2	26.4	84.1	27.1	83.8	28.3
		-7.0	-7.6	88.1	24.2	87.8	25.4	87.6	26.6	87.5	27.2	87.3	27.8	87.1	29.0
		-5.0	-5.6	92.4	25.2	92.1	26.4	91.9	27.5	91.8	28.1	91.6	28.6	91.4	29.8
		-3.0	-3.7	96.5	26.1	96.2	27.2	96.0	28.3	95.8	28.8	95.7	29.4	95.5	30.5
		0.0	-0.7	103	27.4	103	28.4	102	29.4	102	29.9	102	30.4	102	31.4
		3.0	2.2	109	28.4	109	29.4	109	30.4	109	30.8	108	31.3	108	32.3
		5.0	4.1	113	29.1	113	30.0	113	30.9	113	31.4	112	31.9	112	32.8
		7.0	6.0	117	29.7	117	30.6	117	31.5	117	31.9	117	32.3	116	33.2
		9.0	7.9	121	30.2	121	31.1	121	31.9	121	32.4	121	32.8	120	33.7
		11.0	9.8	126	30.7	125	31.6	125	32.4	125	32.8	125	33.2	125	34.1
		13.0	11.8	130	31.3	130	32.1	129	32.9	129	33.3	129	33.7	128	34.1
		15.0	13.7	134	31.7	134	32.5	133	33.3	133	33.6	133	34.0	128	32.9
120	1,080	-19.8	-20.0	61.1	16.7	60.8	18.3	60.6	19.9	60.5	20.7	60.4	21.5	60.1	23.1
		-18.8	-19.0	63.2	17.7	63.0	19.3	62.7	20.8	62.6	21.6	62.5	22.4	62.3	24.0
		-16.7	-17.0	67.5	19.6	67.3	21.0	67.0	22.5	66.9	23.2	66.8	23.9	66.6	25.4
		-14.7	-15.0	71.8	21.2	71.6	22.6	71.4	23.9	71.2	24.6	71.1	25.3	70.9	26.7
		-12.6	-13.0	76.1	22.6	75.9	23.9	75.7	25.2	75.5	25.9	75.4	26.5	75.2	27.8
		-10.5	-11.0	80.4	23.9	80.2	25.1	80.0	26.3	79.8	26.9	79.7	27.6	79.5	28.8
		-9.5	-10.0	82.6	24.5	82.3	25.7	82.1	26.9	82.0	27.5	81.9	28.0	81.6	29.2
		-8.5	-9.1	84.5	25.0	84.3	26.2	84.0	27.3	83.9	27.9	83.8	28.5	83.6	29.6
		-7.0	-7.6	87.8	25.8	87.5	26.9	87.3	28.0	87.2	28.6	87.0	29.1	86.8	30.2
		-5.0	-5.6	92.1	26.8	91.8	27.8	91.6	28.9	91.5	29.4	91.3	29.9	91.1	31.0
		-3.0	-3.7	96.1	27.6	95.9	28.6	95.7	29.6	95.5	30.1	95.4	30.6	95.2	31.6
		0.0	-0.7	103	28.7	102	29.7	102	30.6	102	31.1	102	31.6	102	32.5
		3.0	2.2	109	29.7	109	30.6	108	31.5	108	31.9	108	32.4	108	33.3
		5.0	4.1	113	30.3	113	31.2	112	32.0	112	32.5	112	32.9	112	33.7
		7.0	6.0	117	30.9	117	31.7	117	32.5	116	32.9	116	33.3	116	34.2
		9.0	7.9	121	31.4	121	32.2	121	33.0	121	33.4	120	33.8	118	33.7
		11.0	9.8	125	31.9	125	32.6	125	33.4	125	33.8	124	34.2	118	32.3
		13.0	11.8	129	32.3	129	33.1	129	33.8	129	34.2	127	33.8	118	31.0
		15.0	13.7	134	32.8	133	33.5	133	34.2	131	33.8	127	32.5	118	29.9
110	990	-19.8	-20.0	60.7	19.0	60.5	20.5	60.3	22.0	60.2	22.8	60.1	23.5	59.8	25.0
		-18.8	-19.0	62.9	20.0	62.7	21.4	62.4	22.9	62.3	23.6	62.2	24.3	62.0	25.7
		-16.7	-17.0	67.2	21.7	67.0	23.0	66.7	24.4	66.6	25.0	66.5	25.7	66.3	27.0
		-14.7	-15.0	71.5	23.2	71.3	24.5	71.0	25.7	70.9	26.3	70.8	27.0	70.6	28.2
		-12.6	-13.0	75.8	24.5	75.6	25.7	75.3	26.9	75.2	27.5	75.1	28.0	74.9	29.2
		-10.5	-11.0	80.1	25.7	79.9	26.8	79.6	27.9	79.5	28.5	79.4	29.0	79.2	30.1
		-9.5	-10.0	82.2	26.2	82.0	27.3	81.8	28.4	81.7	28.9	81.6	29.5	81.4	30.5
		-8.5	-9.1	84.2	26.7	84.0	27.7	83.7	28.8	83.6	29.3	83.5	29.9	83.3	30.9
		-7.0	-7.6	87.4	27.4	87.2	28.4	87.0	29.4	86.9	29.9	86.7	30.5	86.5	31.5
		-5.0	-5.6	91.7	28.3	91.5	29.3	91.3	30.2	91.2	30.7	91.0	31.2	90.8	32.1
		-3.0	-3.7	95.8	29.0	95.6	30.0	95.4	30.9	95.2	31.4	95.1	31.8	94.9	32.7
		0.0	-0.7	102	30.1	102	31.0	102	31.8	102	32.3	102	32.7	101	33.6
		3.0	2.2	108	31.0	108	31.8	108	32.7	108	33.1	108	33.5	108	34.3
		5.0	4.1	113	31.6	112	32.4	112	33.1	112	33.5	112	33.9	108	33.1
		7.0	6.0	117	32.1	116	32.8	116	33.6	116	34.0	116	34.3	108	31.7
		9.0	7.9	121	32.5	121	33.3	120	34.0	120	34.4	116	33.0	108	30.4
		11.0	9.8	125	33.0	125	33.7	124	34.3	120	33.0	116	31.7	108	29.2
		13.0	11.8	129	33.4	129	34.1	124	32.9	120	31.7	116	30.5	108	28.0
		15.0	13.7	133	33.8	132	34.2	124	31.7	120	30.5	116	29.3	108	27.0

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	900	-19.8	-20.0	60.4	21.4	60.2	22.8	60.0	24.1	59.9	24.8	59.8	25.5	59.6	26.8
		-18.8	-19.0	62.5	22.3	62.3	23.6	62.1	24.9	62.0	25.5	61.9	26.2	61.7	27.5
		-16.7	-17.0	66.8	23.8	66.6	25.0	66.4	26.3	66.3	26.9	66.2	27.5	66.0	28.7
		-14.7	-15.0	71.1	25.2	70.9	26.3	70.7	27.5	70.6	28.0	70.5	28.6	70.3	29.7
		-12.6	-13.0	75.4	26.4	75.2	27.5	75.0	28.5	74.9	29.1	74.8	29.6	74.6	30.7
		-10.5	-11.0	79.7	27.5	79.5	28.5	79.3	29.5	79.2	30.0	79.1	30.5	78.9	31.5
		-9.5	-10.0	81.9	28.0	81.7	28.9	81.5	29.9	81.4	30.4	81.3	30.9	81.1	31.9
		-8.5	-9.1	83.8	28.4	83.6	29.3	83.4	30.3	83.3	30.8	83.2	31.2	83.0	32.2
		-7.0	-7.6	87.1	29.0	86.9	29.9	86.7	30.9	86.6	31.3	86.5	31.8	86.3	32.7
		-5.0	-5.6	91.4	29.8	91.2	30.7	91.0	31.6	90.9	32.0	90.8	32.5	90.6	33.3
		-3.0	-3.7	95.4	30.5	95.2	31.4	95.0	32.2	94.9	32.6	94.8	33.0	94.6	33.9
		0.0	-0.7	102	31.5	102	32.3	102	33.1	101	33.5	101	33.8	98.5	33.2
		3.0	2.2	108	32.3	108	33.1	108	33.8	108	34.2	106	33.6	98.5	30.9
		5.0	4.1	112	32.8	112	33.5	112	34.2	109	33.5	106	32.1	98.5	29.6
		7.0	6.0	116	33.3	116	34.0	113	33.3	109	32.0	106	30.8	98.5	28.3
		9.0	7.9	120	33.7	120	34.4	113	31.9	109	30.7	106	29.5	98.5	27.2
		11.0	9.8	124	34.1	120	33.0	113	30.7	109	29.5	106	28.4	98.5	26.2
		13.0	11.8	128	34.0	120	31.7	113	29.4	109	28.4	106	27.3	98.5	25.2
		15.0	13.7	128	32.7	120	30.5	113	28.4	109	27.3	106	26.3	98.5	24.3
90	810	-19.8	-20.0	60.0	23.8	59.8	25.0	59.7	26.2	59.6	26.8	59.5	27.4	59.3	28.6
		-18.8	-19.0	62.2	24.6	62.0	25.7	61.8	26.9	61.7	27.5	61.6	28.1	61.5	29.2
		-16.7	-17.0	66.5	26.0	66.3	27.1	66.1	28.2	66.0	28.7	65.9	29.2	65.8	30.3
		-14.7	-15.0	70.8	27.2	70.6	28.2	70.4	29.2	70.3	29.8	70.2	30.3	70.1	31.3
		-12.6	-13.0	75.1	28.3	74.9	29.2	74.7	30.2	74.6	30.7	74.5	31.2	74.4	32.1
		-10.5	-11.0	79.4	29.2	79.2	30.1	79.0	31.1	78.9	31.5	78.9	32.0	78.7	32.9
		-9.5	-10.0	81.5	29.7	81.4	30.6	81.2	31.4	81.1	31.9	81.0	32.3	80.8	33.2
		-8.5	-9.1	83.5	30.1	83.3	30.9	83.1	31.8	83.0	32.2	82.9	32.6	82.8	33.5
		-7.0	-7.6	86.7	30.6	86.5	31.5	86.3	32.3	86.3	32.7	86.2	33.1	86.0	34.0
		-5.0	-5.6	91.0	31.4	90.8	32.2	90.6	32.9	90.6	33.3	90.5	33.7	88.6	33.5
		-3.0	-3.7	95.1	32.0	94.9	32.7	94.7	33.5	94.6	33.9	94.6	34.3	88.6	31.8
		0.0	-0.7	102	32.9	101	33.6	101	34.3	98.4	33.2	95.2	31.9	88.6	29.4
		3.0	2.2	108	33.6	108	34.3	102	32.1	98.4	30.9	95.2	29.7	88.6	27.4
		5.0	4.1	112	34.1	108	33.0	102	30.7	98.4	29.5	95.2	28.4	88.6	26.2
		7.0	6.0	115	33.9	108	31.6	102	29.4	98.4	28.3	95.2	27.2	88.6	25.1
		9.0	7.9	115	32.5	108	30.3	102	28.2	98.4	27.2	95.2	26.2	88.6	24.2
		11.0	9.8	115	31.2	108	29.2	102	27.1	98.4	26.2	95.2	25.2	88.6	23.3
		13.0	11.8	115	30.0	108	28.0	102	26.1	98.4	25.1	95.2	24.2	88.6	22.4
		15.0	13.7	115	28.9	108	27.0	102	25.2	98.4	24.3	95.2	23.4	88.6	21.6
80	720	-19.8	-20.0	59.7	26.2	59.5	27.2	59.4	28.3	59.3	28.9	59.2	29.4	59.0	30.5
		-18.8	-19.0	61.8	26.8	61.7	27.9	61.5	28.9	61.4	29.5	61.3	30.0	61.2	31.0
		-16.7	-17.0	66.1	28.1	66.0	29.1	65.8	30.0	65.7	30.5	65.7	31.0	65.5	32.0
		-14.7	-15.0	70.4	29.2	70.3	30.1	70.1	31.0	70.0	31.5	70.0	31.9	69.8	32.8
		-12.6	-13.0	74.7	30.2	74.6	31.0	74.4	31.9	74.3	32.3	74.3	32.7	74.1	33.6
		-10.5	-11.0	79.0	31.0	78.9	31.8	78.7	32.6	78.6	33.0	78.6	33.4	78.4	34.2
		-9.5	-10.0	81.2	31.4	81.0	32.2	80.9	33.0	80.8	33.4	80.7	33.8	78.8	33.4
		-8.5	-9.1	83.1	31.7	83.0	32.5	82.8	33.3	82.7	33.7	82.6	34.0	78.8	32.4
		-7.0	-7.6	86.4	32.3	86.2	33.0	86.0	33.7	86.0	34.1	84.6	33.7	78.8	30.9
		-5.0	-5.6	90.7	32.9	90.5	33.6	90.3	34.3	87.5	33.0	84.6	31.7	78.8	29.2
		-3.0	-3.7	94.7	33.5	94.6	34.1	90.4	32.5	87.5	31.3	84.6	30.1	78.8	27.7
		0.0	-0.7	101	34.2	96.2	32.3	90.4	30.0	87.5	28.9	84.6	27.8	78.8	25.6
		3.0	2.2	102	32.2	96.2	30.1	90.4	28.0	87.5	27.0	84.6	25.9	78.8	24.0
		5.0	4.1	102	30.8	96.2	28.8	90.4	26.8	87.5	25.8	84.6	24.8	78.8	23.0
		7.0	6.0	102	29.5	96.2	27.6	90.4	25.7	87.5	24.8	84.6	23.9	78.8	22.1
		9.0	7.9	102	28.3	96.2	26.5	90.4	24.7	87.5	23.8	84.6	22.9	78.8	21.2
		11.0	9.8	102	27.2	96.2	25.5	90.4	23.8	87.5	22.9	84.6	22.1	78.8	20.5
		13.0	11.8	102	26.2	96.2	24.5	90.4	22.9	87.5	22.1	84.6	21.3	78.8	19.7
		15.0	13.7	102	25.3	96.2	23.7	90.4	22.1	87.5	21.3	84.6	20.6	78.8	19.1

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	630	-19.8	-20.0	59.3	28.5	59.2	29.5	59.0	30.4	59.0	30.9	58.9	31.4	58.8	32.3
		-18.8	-19.0	61.5	29.1	61.3	30.0	61.2	31.0	61.1	31.4	61.1	31.9	60.9	32.8
		-16.7	-17.0	65.8	30.2	65.6	31.1	65.5	31.9	65.4	32.4	65.4	32.8	65.2	33.6
		-14.7	-15.0	70.1	31.2	69.9	32.0	69.8	32.8	69.7	33.2	69.7	33.6	68.9	33.9
		-12.6	-13.0	74.4	32.0	74.2	32.8	74.1	33.5	74.0	33.9	74.0	34.3	68.9	31.5
		-10.5	-11.0	78.7	32.8	78.6	33.5	78.4	34.2	76.6	33.3	74.0	32.0	68.9	29.5
		-9.5	-10.0	80.8	33.1	80.7	33.8	79.1	33.5	76.6	32.2	74.0	31.0	68.9	28.5
		-8.5	-9.1	82.8	33.4	82.6	34.1	79.1	32.6	76.6	31.3	74.0	30.1	68.9	27.7
		-7.0	-7.6	86.0	33.9	84.2	33.5	79.1	31.1	76.6	29.9	74.0	28.8	68.9	26.5
		-5.0	-5.6	89.3	33.8	84.2	31.5	79.1	29.3	76.6	28.2	74.0	27.2	68.9	25.1
		-3.0	-3.7	89.3	32.0	84.2	29.9	79.1	27.8	76.6	26.8	74.0	25.8	68.9	23.8
		0.0	-0.7	89.3	29.6	84.2	27.7	79.1	25.8	76.6	24.8	74.0	23.9	68.9	22.1
		3.0	2.2	89.3	27.6	84.2	25.8	79.1	24.1	76.6	23.2	74.0	22.4	68.9	20.7
		5.0	4.1	89.3	26.4	84.2	24.7	79.1	23.1	76.6	22.3	74.0	21.5	68.9	19.9
		7.0	6.0	89.3	25.3	84.2	23.7	79.1	22.2	76.6	21.4	74.0	20.6	68.9	19.1
		9.0	7.9	89.3	24.3	84.2	22.8	79.1	21.3	76.6	20.6	74.0	19.9	68.9	18.4
		11.0	9.8	89.3	23.4	84.2	22.0	79.1	20.6	76.6	19.8	74.0	19.2	68.9	17.8
		13.0	11.8	89.3	22.6	84.2	21.2	79.1	19.8	76.6	19.1	74.0	18.5	68.9	17.2
		15.0	13.7	89.3	21.8	84.2	20.5	79.1	19.2	76.6	18.5	74.0	17.9	68.9	16.6
60	540	-19.8	-20.0	59.0	30.9	58.9	31.7	58.7	32.5	58.7	32.9	58.6	33.3	58.5	34.1
		-18.8	-19.0	61.1	31.4	61.0	32.2	60.9	33.0	60.8	33.4	60.8	33.8	59.1	33.2
		-16.7	-17.0	65.4	32.4	65.3	33.1	65.2	33.8	65.1	34.2	63.4	33.2	59.1	30.5
		-14.7	-15.0	69.7	33.2	69.6	33.9	67.8	33.2	65.6	32.0	63.4	30.7	59.1	28.3
		-12.6	-13.0	74.0	33.9	72.2	33.3	67.8	30.9	65.6	29.7	63.4	28.6	59.1	26.4
		-10.5	-11.0	76.5	33.3	72.2	31.1	67.8	28.9	65.6	27.8	63.4	26.8	59.1	24.7
		-9.5	-10.0	76.5	32.2	72.2	30.1	67.8	28.0	65.6	26.9	63.4	25.9	59.1	23.9
		-8.5	-9.1	76.5	31.3	72.2	29.2	67.8	27.2	65.6	26.2	63.4	25.2	59.1	23.3
		-7.0	-7.6	76.5	29.9	72.2	27.9	67.8	26.0	65.6	25.1	63.4	24.1	59.1	22.3
		-5.0	-5.6	76.5	28.2	72.2	26.4	67.8	24.6	65.6	23.7	63.4	22.8	59.1	21.1
		-3.0	-3.7	76.5	26.8	72.2	25.1	67.8	23.4	65.6	22.6	63.4	21.7	59.1	20.1
		0.0	-0.7	76.5	24.8	72.2	23.3	67.8	21.7	65.6	21.0	63.4	20.2	59.1	18.8
		3.0	2.2	76.5	23.2	72.2	21.7	67.8	20.3	65.6	19.6	63.4	19.0	59.1	17.6
		5.0	4.1	76.5	22.2	72.2	20.9	67.8	19.5	65.6	18.9	63.4	18.2	59.1	16.9
		7.0	6.0	76.5	21.4	72.2	20.1	67.8	18.8	65.6	18.2	63.4	17.5	59.1	16.3
		9.0	7.9	76.5	20.6	72.2	19.3	67.8	18.1	65.6	17.5	63.4	16.9	59.1	15.8
		11.0	9.8	76.5	19.8	72.2	18.6	67.8	17.5	65.6	16.9	63.4	16.3	59.1	15.2
		13.0	11.8	76.5	19.1	72.2	18.0	67.8	16.9	65.6	16.3	63.4	15.8	59.1	14.7
		15.0	13.7	76.5	18.5	72.2	17.4	67.8	16.3	65.6	15.8	63.4	15.3	59.1	14.3
50	450	-19.8	-20.0	58.6	33.3	58.5	33.9	56.5	32.9	54.7	31.6	52.9	30.4	49.2	28.0
		-18.8	-19.0	60.8	33.7	60.1	33.9	56.5	31.5	54.7	30.3	52.9	29.1	49.2	26.8
		-16.7	-17.0	63.8	33.4	60.1	31.2	56.5	29.0	54.7	27.9	52.9	26.8	49.2	24.8
		-14.7	-15.0	63.8	30.9	60.1	28.9	56.5	26.9	54.7	25.9	52.9	24.9	49.2	23.0
		-12.6	-13.0	63.8	28.8	60.1	26.9	56.5	25.1	54.7	24.2	52.9	23.3	49.2	21.5
		-10.5	-11.0	63.8	26.9	60.1	25.2	56.5	23.5	54.7	22.7	52.9	21.8	49.2	20.2
		-9.5	-10.0	63.8	26.1	60.1	24.4	56.5	22.8	54.7	22.0	52.9	21.2	49.2	19.6
		-8.5	-9.1	63.8	25.4	60.1	23.8	56.5	22.2	54.7	21.4	52.9	20.7	49.2	19.1
		-7.0	-7.6	63.8	24.3	60.1	22.8	56.5	21.3	54.7	20.5	52.9	19.8	49.2	18.4
		-5.0	-5.6	63.8	23.0	60.1	21.6	56.5	20.2	54.7	19.5	52.9	18.8	49.2	17.5
		-3.0	-3.7	63.8	21.9	60.1	20.5	56.5	19.2	54.7	18.6	52.9	17.9	49.2	16.7
		0.0	-0.7	63.8	20.3	60.1	19.1	56.5	17.9	54.7	17.3	52.9	16.7	49.2	15.6
		3.0	2.2	63.8	19.1	60.1	17.9	56.5	16.8	54.7	16.3	52.9	15.7	49.2	14.7
		5.0	4.1	63.8	18.3	60.1	17.2	56.5	16.2	54.7	15.7	52.9	15.2	49.2	14.1
		7.0	6.0	63.8	17.6	60.1	16.6	56.5	15.6	54.7	15.1	52.9	14.6	49.2	13.6
		9.0	7.9	63.8	17.0	60.1	16.0	56.5	15.1	54.7	14.6	52.9	14.1	49.2	13.2
		11.0	9.8	63.8	16.4	60.1	15.5	56.5	14.6	54.7	14.1	52.9	13.7	49.2	12.8
		13.0	11.8	63.8	15.9	60.1	15.0	56.5	14.1	54.7	13.7	52.9	13.2	49.2	12.4
		15.0	13.7	63.8	15.4	60.1	14.5	56.5	13.7	54.7	13.3	52.9	12.8	49.2	12.0

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

PA-38ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	1,235	-19.8	-20.0	63.9	14.2	63.6	16.0	63.3	17.9	63.2	18.8	63.1	19.7	62.8	21.5
		-18.8	-19.0	66.1	15.4	65.8	17.1	65.6	18.9	65.4	19.8	65.3	20.7	65.0	22.4
		-16.7	-17.0	70.6	17.5	70.3	19.1	70.0	20.8	69.9	21.6	69.8	22.4	69.5	24.1
		-14.7	-15.0	75.0	19.3	74.8	20.9	74.5	22.4	74.4	23.2	74.2	24.0	74.0	25.5
		-12.6	-13.0	79.5	21.0	79.2	22.4	79.0	23.9	78.8	24.6	78.7	25.3	78.4	26.8
		-10.5	-11.0	84.0	22.4	83.7	23.8	83.4	25.1	83.3	25.8	83.2	26.5	82.9	27.9
		-9.5	-10.0	86.2	23.1	85.9	24.4	85.7	25.7	85.5	26.4	85.4	27.1	85.1	28.4
		-8.5	-9.1	88.2	23.6	88.0	24.9	87.7	26.2	87.5	26.9	87.4	27.5	87.1	28.8
		-7.0	-7.6	91.6	24.5	91.3	25.8	91.0	27.0	90.9	27.7	90.8	28.3	90.5	29.5
		-5.0	-5.6	96.1	25.6	95.8	26.8	95.5	28.0	95.4	28.6	95.2	29.2	95.0	30.4
		-3.0	-3.7	100	26.5	100	27.7	99.8	28.8	99.6	29.4	99.5	30.0	99.2	31.1
		0.0	-0.7	107	27.9	107	28.9	106	30.0	106	30.5	106	31.1	106	32.1
		3.0	2.2	113	29.0	113	30.0	113	31.0	113	31.5	113	32.0	112	33.0
		5.0	4.1	118	29.7	117	30.6	117	31.6	117	32.1	117	32.5	117	33.5
		7.0	6.0	122	30.3	122	31.2	121	32.1	121	32.6	121	33.1	121	34.0
		9.0	7.9	126	30.9	126	31.7	126	32.6	126	33.1	125	33.5	125	34.4
		11.0	9.8	130	31.4	130	32.3	130	33.1	130	33.6	130	34.0	129	34.9
		13.0	11.8	135	31.9	135	32.8	134	33.6	134	34.0	134	34.4	134	35.3
		15.0	13.7	139	32.4	139	33.2	139	34.0	139	34.4	138	34.8	135	34.3
120	1,140	-19.8	-20.0	63.5	16.7	63.2	18.4	63.0	20.1	62.9	20.9	62.7	21.8	62.5	23.5
		-18.8	-19.0	65.7	17.8	65.5	19.4	65.2	21.0	65.1	21.8	65.0	22.7	64.7	24.3
		-16.7	-17.0	70.2	19.7	70.0	21.2	69.7	22.8	69.6	23.5	69.5	24.3	69.2	25.8
		-14.7	-15.0	74.7	21.4	74.4	22.8	74.2	24.3	74.0	25.0	73.9	25.7	73.7	27.1
		-12.6	-13.0	79.1	22.9	78.9	24.3	78.6	25.6	78.5	26.3	78.4	26.9	78.1	28.3
		-10.5	-11.0	83.6	24.3	83.4	25.5	83.1	26.8	83.0	27.4	82.9	28.1	82.6	29.3
		-9.5	-10.0	85.9	24.9	85.6	26.1	85.3	27.3	85.2	27.9	85.1	28.6	84.8	29.8
		-8.5	-9.1	87.9	25.4	87.6	26.6	87.4	27.8	87.2	28.4	87.1	29.0	86.9	30.2
		-7.0	-7.6	91.2	26.2	91.0	27.4	90.7	28.5	90.6	29.1	90.5	29.7	90.2	30.8
		-5.0	-5.6	95.7	27.2	95.4	28.3	95.2	29.4	95.1	30.0	94.9	30.5	94.7	31.6
		-3.0	-3.7	99.9	28.1	99.7	29.1	99.4	30.2	99.3	30.7	99.2	31.2	98.9	32.3
		0.0	-0.7	107	29.3	106	30.3	106	31.3	106	31.8	106	32.2	106	33.2
		3.0	2.2	113	30.3	113	31.3	113	32.2	112	32.6	112	33.1	112	34.0
		5.0	4.1	117	31.0	117	31.8	117	32.7	117	33.2	117	33.6	116	34.5
		7.0	6.0	122	31.5	121	32.4	121	33.2	121	33.7	121	34.1	121	35.0
		9.0	7.9	126	32.1	126	32.9	125	33.7	125	34.1	125	34.5	124	35.2
		11.0	9.8	130	32.6	130	33.4	130	34.2	129	34.6	129	35.0	124	33.8
		13.0	11.8	135	33.1	134	33.8	134	34.6	134	35.0	134	35.3	124	32.4
		15.0	13.7	139	33.5	139	34.2	138	35.0	138	35.4	134	34.0	124	31.2
110	1,045	-19.8	-20.0	63.1	19.2	62.9	20.7	62.7	22.3	62.6	23.0	62.4	23.8	62.2	25.4
		-18.8	-19.0	65.4	20.2	65.1	21.6	64.9	23.1	64.8	23.9	64.7	24.6	64.4	26.1
		-16.7	-17.0	69.8	21.9	69.6	23.3	69.4	24.7	69.3	25.4	69.1	26.1	68.9	27.5
		-14.7	-15.0	74.3	23.5	74.1	24.8	73.8	26.1	73.7	26.8	73.6	27.4	73.4	28.7
		-12.6	-13.0	78.8	24.9	78.5	26.1	78.3	27.3	78.2	28.0	78.1	28.6	77.9	29.8
		-10.5	-11.0	83.2	26.1	83.0	27.3	82.8	28.4	82.7	29.0	82.6	29.6	82.3	30.8
		-9.5	-10.0	85.5	26.7	85.3	27.8	85.0	28.9	84.9	29.5	84.8	30.1	84.6	31.2
		-8.5	-9.1	87.5	27.2	87.3	28.3	87.0	29.4	86.9	29.9	86.8	30.5	86.6	31.6
		-7.0	-7.6	90.8	27.9	90.6	29.0	90.4	30.0	90.3	30.6	90.2	31.1	89.9	32.1
		-5.0	-5.6	95.3	28.8	95.1	29.8	94.9	30.8	94.7	31.3	94.6	31.8	94.4	32.9
		-3.0	-3.7	99.6	29.6	99.3	30.6	99.1	31.5	99.0	32.0	98.9	32.5	98.6	33.5
		0.0	-0.7	106	30.7	106	31.6	106	32.5	106	33.0	106	33.4	105	34.3
		3.0	2.2	113	31.7	113	32.5	112	33.4	112	33.8	112	34.2	112	35.1
		5.0	4.1	117	32.3	117	33.1	117	33.9	116	34.3	116	34.7	114	34.6
		7.0	6.0	121	32.8	121	33.6	121	34.4	121	34.7	121	35.1	114	33.1
		9.0	7.9	125	33.3	125	34.0	125	34.8	125	35.2	122	34.5	114	31.7
		11.0	9.8	130	33.7	130	34.5	129	35.2	127	34.5	122	33.2	114	30.5
		13.0	11.8	134	34.2	134	34.9	131	34.4	127	33.1	122	31.8	114	29.3
		15.0	13.7	138	34.6	138	35.3	131	33.1	127	31.9	122	30.7	114	28.3

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	950	-19.8	-20.0	62.8	21.6	62.6	23.0	62.3	24.5	62.2	25.2	62.1	25.9	61.9	27.3
		-18.8	-19.0	65.0	22.5	64.8	23.9	64.6	25.3	64.5	25.9	64.4	26.6	64.2	28.0
		-16.7	-17.0	69.5	24.2	69.3	25.4	69.1	26.7	68.9	27.3	68.8	28.0	68.6	29.2
		-14.7	-15.0	73.9	25.6	73.7	26.8	73.5	28.0	73.4	28.6	73.3	29.2	73.1	30.3
		-12.6	-13.0	78.4	26.8	78.2	28.0	78.0	29.1	77.9	29.6	77.8	30.2	77.6	31.3
		-10.5	-11.0	82.9	28.0	82.7	29.0	82.5	30.1	82.4	30.6	82.3	31.1	82.0	32.2
		-9.5	-10.0	85.1	28.5	84.9	29.5	84.7	30.5	84.6	31.0	84.5	31.6	84.3	32.6
		-8.5	-9.1	87.1	28.9	86.9	29.9	86.7	30.9	86.6	31.4	86.5	31.9	86.3	32.9
		-7.0	-7.6	90.5	29.6	90.3	30.6	90.1	31.5	90.0	32.0	89.9	32.5	89.6	33.4
		-5.0	-5.6	94.9	30.4	94.7	31.3	94.5	32.3	94.4	32.7	94.3	33.2	94.1	34.1
		-3.0	-3.7	99.2	31.2	99.0	32.0	98.8	32.9	98.7	33.3	98.6	33.8	98.4	34.7
		0.0	-0.7	106	32.2	106	33.0	105	33.8	105	34.2	105	34.6	104	34.7
		3.0	2.2	112	33.0	112	33.8	112	34.6	112	35.0	111	35.2	104	32.3
		5.0	4.1	117	33.6	116	34.3	116	35.0	115	35.0	111	33.6	104	30.9
		7.0	6.0	121	34.0	121	34.8	119	34.8	115	33.5	111	32.2	104	29.6
		9.0	7.9	125	34.5	125	35.2	119	33.4	115	32.1	111	30.9	104	28.4
		11.0	9.8	129	34.9	127	34.5	119	32.0	115	30.8	111	29.7	104	27.3
		13.0	11.8	134	35.3	127	33.1	119	30.8	115	29.6	111	28.5	104	26.3
		15.0	13.7	134	34.2	127	31.9	119	29.7	115	28.6	111	27.5	104	25.4
90	855	-19.8	-20.0	62.4	24.1	62.2	25.4	62.0	26.7	61.9	27.3	61.8	27.9	61.6	29.2
		-18.8	-19.0	64.6	24.9	64.4	26.2	64.3	27.4	64.2	28.0	64.1	28.6	63.9	29.8
		-16.7	-17.0	69.1	26.4	68.9	27.5	68.7	28.7	68.6	29.3	68.5	29.8	68.3	31.0
		-14.7	-15.0	73.6	27.7	73.4	28.7	73.2	29.8	73.1	30.4	73.0	30.9	72.8	32.0
		-12.6	-13.0	78.0	28.8	77.9	29.8	77.7	30.8	77.6	31.3	77.5	31.8	77.3	32.8
		-10.5	-11.0	82.5	29.8	82.3	30.8	82.1	31.7	82.0	32.2	81.9	32.7	81.8	33.6
		-9.5	-10.0	84.7	30.3	84.6	31.2	84.4	32.1	84.3	32.6	84.2	33.0	84.0	34.0
		-8.5	-9.1	86.8	30.7	86.6	31.6	86.4	32.5	86.3	32.9	86.2	33.4	86.0	34.3
		-7.0	-7.6	90.1	31.3	89.9	32.2	89.7	33.0	89.6	33.5	89.5	33.9	89.4	34.8
		-5.0	-5.6	94.6	32.0	94.4	32.9	94.2	33.7	94.1	34.1	94.0	34.5	93.3	35.0
		-3.0	-3.7	98.8	32.7	98.6	33.5	98.5	34.3	98.4	34.7	98.3	35.1	93.3	33.2
		0.0	-0.7	106	33.6	105	34.3	105	35.1	104	34.7	100	33.4	93.3	30.7
		3.0	2.2	112	34.4	112	35.1	107	33.6	104	32.3	100	31.0	93.3	28.6
		5.0	4.1	116	34.9	114	34.5	107	32.1	104	30.9	100	29.7	93.3	27.4
		7.0	6.0	121	35.3	114	33.1	107	30.7	104	29.6	100	28.5	93.3	26.3
		9.0	7.9	121	34.0	114	31.7	107	29.5	104	28.4	100	27.3	93.3	25.2
		11.0	9.8	121	32.6	114	30.5	107	28.4	104	27.3	100	26.3	93.3	24.3
		13.0	11.8	121	31.3	114	29.3	107	27.3	104	26.3	100	25.3	93.3	23.4
		15.0	13.7	121	30.2	114	28.2	107	26.3	104	25.4	100	24.4	93.3	22.6
80	760	-19.8	-20.0	62.0	26.6	61.9	27.7	61.7	28.9	61.6	29.4	61.5	30.0	61.4	31.1
		-18.8	-19.0	64.3	27.3	64.1	28.4	63.9	29.5	63.8	30.0	63.8	30.6	63.6	31.7
		-16.7	-17.0	68.7	28.6	68.6	29.6	68.4	30.7	68.3	31.2	68.2	31.7	68.1	32.7
		-14.7	-15.0	73.2	29.8	73.0	30.7	72.9	31.7	72.8	32.1	72.7	32.6	72.5	33.6
		-12.6	-13.0	77.7	30.8	77.5	31.7	77.3	32.6	77.3	33.0	77.2	33.5	77.0	34.3
		-10.5	-11.0	82.1	31.7	82.0	32.5	81.8	33.4	81.7	33.8	81.6	34.2	81.5	35.0
		-9.5	-10.0	84.4	32.1	84.2	32.9	84.0	33.7	84.0	34.1	83.9	34.5	83.0	34.9
		-8.5	-9.1	86.4	32.4	86.2	33.2	86.1	34.0	86.0	34.4	85.9	34.8	83.0	33.9
		-7.0	-7.6	89.7	33.0	89.6	33.7	89.4	34.5	89.3	34.9	89.1	35.2	83.0	32.3
		-5.0	-5.6	94.2	33.6	94.0	34.4	93.9	35.1	92.1	34.5	89.1	33.2	83.0	30.5
		-3.0	-3.7	98.5	34.2	98.3	34.9	95.2	34.0	92.1	32.7	89.1	31.4	83.0	28.9
		0.0	-0.7	105	35.0	101	33.8	95.2	31.4	92.1	30.2	89.1	29.1	83.0	26.8
		3.0	2.2	107	33.7	101	31.4	95.2	29.2	92.1	28.2	89.1	27.1	83.0	25.0
		5.0	4.1	107	32.2	101	30.1	95.2	28.0	92.1	27.0	89.1	26.0	83.0	24.0
		7.0	6.0	107	30.8	101	28.8	95.2	26.9	92.1	25.9	89.1	24.9	83.0	23.1
		9.0	7.9	107	29.6	101	27.7	95.2	25.8	92.1	24.9	89.1	24.0	83.0	22.2
		11.0	9.8	107	28.5	101	26.6	95.2	24.8	92.1	24.0	89.1	23.1	83.0	21.4
		13.0	11.8	107	27.4	101	25.6	95.2	23.9	92.1	23.1	89.1	22.2	83.0	20.6
		15.0	13.7	107	26.4	101	24.7	95.2	23.1	92.1	22.3	89.1	21.5	83.0	19.9

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	665	-19.8	-20.0	61.7	29.1	61.5	30.1	61.4	31.0	61.3	31.5	61.2	32.0	61.1	33.0
		-18.8	-19.0	63.9	29.7	63.7	30.7	63.6	31.6	63.5	32.1	63.5	32.6	63.3	33.5
		-16.7	-17.0	68.4	30.9	68.2	31.7	68.1	32.6	68.0	33.1	67.9	33.5	67.8	34.4
		-14.7	-15.0	72.8	31.9	72.7	32.7	72.5	33.5	72.5	33.9	72.4	34.3	72.3	35.2
		-12.6	-13.0	77.3	32.7	77.2	33.5	77.0	34.3	76.9	34.7	76.9	35.1	72.6	32.9
		-10.5	-11.0	81.8	33.5	81.6	34.3	81.5	35.0	80.6	34.8	77.9	33.5	72.6	30.8
		-9.5	-10.0	84.0	33.9	83.9	34.6	83.3	35.0	80.6	33.7	77.9	32.4	72.6	29.8
		-8.5	-9.1	86.0	34.2	85.9	34.9	83.3	34.0	80.6	32.7	77.9	31.5	72.6	29.0
		-7.0	-7.6	89.4	34.7	88.7	35.0	83.3	32.5	80.6	31.3	77.9	30.1	72.6	27.7
		-5.0	-5.6	93.8	35.3	88.7	33.0	83.3	30.6	80.6	29.5	77.9	28.4	72.6	26.2
		-3.0	-3.7	94.0	33.5	88.7	31.3	83.3	29.1	80.6	28.0	77.9	27.0	72.6	24.9
		0.0	-0.7	94.0	30.9	88.7	28.9	83.3	26.9	80.6	26.0	77.9	25.0	72.6	23.1
		3.0	2.2	94.0	28.8	88.7	27.0	83.3	25.1	80.6	24.2	77.9	23.4	72.6	21.6
		5.0	4.1	94.0	27.6	88.7	25.8	83.3	24.1	80.6	23.3	77.9	22.4	72.6	20.8
		7.0	6.0	94.0	26.5	88.7	24.8	83.3	23.2	80.6	22.3	77.9	21.5	72.6	20.0
		9.0	7.9	94.0	25.4	88.7	23.8	83.3	22.3	80.6	21.5	77.9	20.8	72.6	19.3
		11.0	9.8	94.0	24.5	88.7	23.0	83.3	21.5	80.6	20.7	77.9	20.0	72.6	18.6
		13.0	11.8	94.0	23.6	88.7	22.1	83.3	20.7	80.6	20.0	77.9	19.3	72.6	17.9
		15.0	13.7	94.0	22.8	88.7	21.4	83.3	20.0	80.6	19.3	77.9	18.7	72.6	17.4
60	570	-19.8	-20.0	61.3	31.6	61.2	32.4	61.0	33.2	61.0	33.7	60.9	34.1	60.8	34.9
		-18.8	-19.0	63.5	32.1	63.4	32.9	63.3	33.7	63.2	34.1	63.2	34.5	62.2	34.7
		-16.7	-17.0	68.0	33.1	67.9	33.8	67.7	34.6	67.7	35.0	66.8	34.7	62.2	31.9
		-14.7	-15.0	72.5	33.9	72.3	34.7	71.4	34.7	69.1	33.4	66.8	32.1	62.2	29.6
		-12.6	-13.0	76.9	34.7	76.0	34.8	71.4	32.3	69.1	31.1	66.8	29.9	62.2	27.5
		-10.5	-11.0	80.6	34.8	76.0	32.5	71.4	30.2	69.1	29.1	66.8	28.0	62.2	25.8
		-9.5	-10.0	80.6	33.7	76.0	31.4	71.4	29.2	69.1	28.2	66.8	27.1	62.2	25.0
		-8.5	-9.1	80.6	32.7	76.0	30.6	71.4	28.4	69.1	27.4	66.8	26.4	62.2	24.4
		-7.0	-7.6	80.6	31.2	76.0	29.2	71.4	27.2	69.1	26.2	66.8	25.2	62.2	23.3
		-5.0	-5.6	80.6	29.5	76.0	27.6	71.4	25.7	69.1	24.8	66.8	23.9	62.2	22.1
		-3.0	-3.7	80.6	28.0	76.0	26.2	71.4	24.4	69.1	23.6	66.8	22.7	62.2	21.1
		0.0	-0.7	80.6	25.9	76.0	24.3	71.4	22.7	69.1	21.9	66.8	21.1	62.2	19.6
		3.0	2.2	80.6	24.2	76.0	22.7	71.4	21.3	69.1	20.5	66.8	19.8	62.2	18.4
		5.0	4.1	80.6	23.2	76.0	21.8	71.4	20.4	69.1	19.7	66.8	19.0	62.2	17.7
		7.0	6.0	80.6	22.3	76.0	21.0	71.4	19.6	69.1	19.0	66.8	18.3	62.2	17.1
		9.0	7.9	80.6	21.5	76.0	20.2	71.4	18.9	69.1	18.3	66.8	17.7	62.2	16.5
		11.0	9.8	80.6	20.7	76.0	19.5	71.4	18.3	69.1	17.7	66.8	17.1	62.2	15.9
		13.0	11.8	80.6	20.0	76.0	18.8	71.4	17.6	69.1	17.1	66.8	16.5	62.2	15.4
		15.0	13.7	80.6	19.3	76.0	18.2	71.4	17.1	69.1	16.5	66.8	16.0	62.2	14.9
50	475	-19.8	-20.0	60.9	34.0	60.8	34.7	59.5	34.3	57.6	33.0	55.7	31.8	51.9	29.2
		-18.8	-19.0	63.2	34.5	63.1	35.2	59.5	32.9	57.6	31.6	55.7	30.4	51.9	28.0
		-16.7	-17.0	67.1	34.9	63.3	32.6	59.5	30.3	57.6	29.2	55.7	28.1	51.9	25.9
		-14.7	-15.0	67.1	32.3	63.3	30.2	59.5	28.1	57.6	27.1	55.7	26.0	51.9	24.1
		-12.6	-13.0	67.1	30.1	63.3	28.1	59.5	26.2	57.6	25.3	55.7	24.3	51.9	22.5
		-10.5	-11.0	67.1	28.1	63.3	26.3	59.5	24.6	57.6	23.7	55.7	22.8	51.9	21.1
		-9.5	-10.0	67.1	27.3	63.3	25.5	59.5	23.8	57.6	23.0	55.7	22.2	51.9	20.5
		-8.5	-9.1	67.1	26.5	63.3	24.8	59.5	23.2	57.6	22.4	55.7	21.6	51.9	20.0
		-7.0	-7.6	67.1	25.4	63.3	23.8	59.5	22.2	57.6	21.5	55.7	20.7	51.9	19.2
		-5.0	-5.6	67.1	24.0	63.3	22.5	59.5	21.1	57.6	20.3	55.7	19.6	51.9	18.2
		-3.0	-3.7	67.1	22.8	63.3	21.4	59.5	20.1	57.6	19.4	55.7	18.7	51.9	17.4
		0.0	-0.7	67.1	21.2	63.3	20.0	59.5	18.7	57.6	18.1	55.7	17.5	51.9	16.3
		3.0	2.2	67.1	19.9	63.3	18.7	59.5	17.6	57.6	17.0	55.7	16.4	51.9	15.3
		5.0	4.1	67.1	19.1	63.3	18.0	59.5	16.9	57.6	16.4	55.7	15.8	51.9	14.8
		7.0	6.0	67.1	18.4	63.3	17.4	59.5	16.3	57.6	15.8	55.7	15.3	51.9	14.3
		9.0	7.9	67.1	17.8	63.3	16.8	59.5	15.7	57.6	15.3	55.7	14.8	51.9	13.8
		11.0	9.8	67.1	17.2	63.3	16.2	59.5	15.2	57.6	14.8	55.7	14.3	51.9	13.4
		13.0	11.8	67.1	16.6	63.3	15.6	59.5	14.7	57.6	14.3	55.7	13.8	51.9	12.9
		15.0	13.7	67.1	16.1	63.3	15.2	59.5	14.3	57.6	13.8	55.7	13.4	51.9	12.6

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

PA-40ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	1,300	-19.8	-20.0	69.8	16.8	69.5	18.7	69.2	20.7	69.0	21.6	68.9	22.6	68.6	24.6
		-18.8	-19.0	72.2	18.0	71.9	19.9	71.6	21.8	71.5	22.7	71.3	23.7	71.0	25.5
		-16.7	-17.0	77.1	20.3	76.8	22.0	76.5	23.8	76.4	24.6	76.2	25.5	75.9	27.3
		-14.7	-15.0	82.0	22.2	81.7	23.9	81.4	25.5	81.3	26.3	81.1	27.1	80.8	28.8
		-12.6	-13.0	86.9	24.0	86.6	25.5	86.3	27.0	86.2	27.8	86.0	28.6	85.7	30.1
		-10.5	-11.0	91.8	25.5	91.5	26.9	91.2	28.4	91.1	29.1	90.9	29.9	90.6	31.3
		-9.5	-10.0	94.2	26.2	93.9	27.6	93.6	29.0	93.5	29.7	93.4	30.4	93.1	31.9
		-8.5	-9.1	96.4	26.8	96.1	28.2	95.8	29.6	95.7	30.3	95.6	30.9	95.3	32.3
		-7.0	-7.6	100	27.7	99.8	29.1	99.5	30.4	99.4	31.1	99.2	31.7	98.9	33.1
		-5.0	-5.6	105	28.9	105	30.2	104	31.4	104	32.0	104	32.7	104	33.9
		-3.0	-3.7	110	29.9	109	31.1	109	32.3	109	32.9	109	33.5	108	34.7
		0.0	-0.7	117	31.3	117	32.4	116	33.5	116	34.1	116	34.7	116	35.8
		3.0	2.2	124	32.5	124	33.5	123	34.6	123	35.1	123	35.7	123	36.7
		5.0	4.1	129	33.2	128	34.2	128	35.2	128	35.7	128	36.3	128	37.3
		7.0	6.0	133	33.8	133	34.8	133	35.8	133	36.3	133	36.8	132	37.8
		9.0	7.9	138	34.5	138	35.4	137	36.4	137	36.8	137	37.3	137	38.3
		11.0	9.8	143	35.0	142	36.0	142	36.9	142	37.3	142	37.8	142	38.7
		13.0	11.8	148	35.6	147	36.5	147	37.4	147	37.8	147	38.3	143	37.9
		15.0	13.7	152	36.1	152	37.0	152	37.8	151	38.2	151	38.7	143	36.5
120	1,200	-19.8	-20.0	69.4	19.4	69.1	21.2	68.8	23.0	68.7	23.9	68.6	24.8	68.3	26.6
		-18.8	-19.0	71.8	20.6	71.5	22.3	71.3	24.0	71.1	24.9	71.0	25.8	70.7	27.5
		-16.7	-17.0	76.7	22.6	76.4	24.2	76.2	25.9	76.0	26.7	75.9	27.5	75.6	29.1
		-14.7	-15.0	81.6	24.4	81.3	26.0	81.1	27.5	80.9	28.2	80.8	29.0	80.5	30.5
		-12.6	-13.0	86.5	26.0	86.2	27.5	86.0	28.9	85.8	29.6	85.7	30.3	85.4	31.7
		-10.5	-11.0	91.4	27.5	91.1	28.8	90.9	30.1	90.7	30.8	90.6	31.5	90.3	32.8
		-9.5	-10.0	93.8	28.1	93.6	29.4	93.3	30.7	93.2	31.4	93.0	32.0	92.8	33.3
		-8.5	-9.1	96.0	28.7	95.8	29.9	95.5	31.2	95.4	31.9	95.2	32.5	95.0	33.8
		-7.0	-7.6	99.7	29.5	99.4	30.8	99.2	32.0	99.0	32.6	98.9	33.2	98.6	34.4
		-5.0	-5.6	105	30.6	104	31.8	104	32.9	104	33.5	104	34.1	104	35.3
		-3.0	-3.7	109	31.5	109	32.6	109	33.7	109	34.3	108	34.9	108	36.0
		0.0	-0.7	117	32.8	116	33.9	116	34.9	116	35.4	116	35.9	116	37.0
		3.0	2.2	124	33.9	123	34.9	123	35.9	123	36.4	123	36.9	123	37.8
		5.0	4.1	128	34.6	128	35.5	128	36.5	128	36.9	128	37.4	127	38.3
		7.0	6.0	133	35.2	133	36.1	132	37.0	132	37.5	132	37.9	132	38.8
		9.0	7.9	138	35.7	137	36.6	137	37.5	137	37.9	137	38.4	132	37.4
		11.0	9.8	142	36.3	142	37.1	142	38.0	142	38.4	141	38.8	132	35.9
		13.0	11.8	147	36.8	147	37.6	147	38.4	147	38.8	142	37.5	132	34.4
		15.0	13.7	152	37.3	152	38.1	151	38.8	147	37.6	142	36.1	132	33.2
110	1,100	-19.8	-20.0	69.0	22.0	68.7	23.7	68.5	25.3	68.4	26.2	68.2	27.0	68.0	28.6
		-18.8	-19.0	71.4	23.1	71.2	24.7	70.9	26.3	70.8	27.1	70.7	27.9	70.4	29.4
		-16.7	-17.0	76.3	25.0	76.1	26.5	75.8	28.0	75.7	28.7	75.6	29.4	75.3	30.9
		-14.7	-15.0	81.2	26.7	81.0	28.0	80.7	29.4	80.6	30.1	80.5	30.8	80.2	32.2
		-12.6	-13.0	86.1	28.1	85.9	29.4	85.6	30.7	85.5	31.4	85.4	32.0	85.1	33.3
		-10.5	-11.0	91.0	29.4	90.8	30.7	90.5	31.9	90.4	32.5	90.3	33.1	90.0	34.3
		-9.5	-10.0	93.4	30.0	93.2	31.2	93.0	32.4	92.8	33.0	92.7	33.6	92.5	34.8
		-8.5	-9.1	95.6	30.5	95.4	31.7	95.2	32.9	95.0	33.5	94.9	34.0	94.7	35.2
		-7.0	-7.6	99.3	31.3	99.1	32.5	98.8	33.6	98.7	34.1	98.6	34.7	98.3	35.8
		-5.0	-5.6	104	32.3	104	33.4	104	34.4	104	35.0	103	35.5	103	36.6
		-3.0	-3.7	109	33.1	109	34.2	108	35.2	108	35.7	108	36.2	108	37.2
		0.0	-0.7	116	34.3	116	35.3	116	36.2	116	36.7	115	37.2	115	38.2
		3.0	2.2	123	35.3	123	36.2	123	37.1	123	37.6	123	38.0	121	38.4
		5.0	4.1	128	36.0	128	36.8	127	37.7	127	38.1	127	38.5	121	36.7
		7.0	6.0	133	36.5	132	37.3	132	38.2	132	38.6	130	38.3	121	35.1
		9.0	7.9	137	37.0	137	37.8	137	38.6	135	38.2	130	36.7	121	33.7
		11.0	9.8	142	37.5	142	38.3	139	38.1	135	36.6	130	35.2	121	32.4
		13.0	11.8	147	38.0	147	38.7	139	36.6	135	35.2	130	33.8	121	31.1
		15.0	13.7	151	38.4	148	37.9	139	35.2	135	33.9	130	32.6	121	30.0

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	1,000	-19.8	-20.0	68.6	24.7	68.4	26.2	68.1	27.7	68.0	28.4	67.9	29.2	67.7	30.7
		-18.8	-19.0	71.0	25.6	70.8	27.1	70.6	28.5	70.5	29.2	70.4	30.0	70.1	31.4
		-16.7	-17.0	75.9	27.4	75.7	28.7	75.5	30.1	75.4	30.7	75.3	31.4	75.0	32.7
		-14.7	-15.0	80.8	28.9	80.6	30.1	80.4	31.4	80.3	32.0	80.2	32.7	79.9	33.9
		-12.6	-13.0	85.7	30.2	85.5	31.4	85.3	32.6	85.2	33.2	85.0	33.8	84.8	35.0
		-10.5	-11.0	90.6	31.4	90.4	32.5	90.2	33.6	90.0	34.2	89.9	34.7	89.7	35.9
		-9.5	-10.0	93.1	31.9	92.8	33.0	92.6	34.1	92.5	34.7	92.4	35.2	92.2	36.3
		-8.5	-9.1	95.3	32.4	95.0	33.5	94.8	34.5	94.7	35.1	94.6	35.6	94.4	36.6
		-7.0	-7.6	98.9	33.1	98.7	34.1	98.5	35.2	98.4	35.7	98.3	36.2	98.0	37.2
		-5.0	-5.6	104	34.0	104	35.0	103	36.0	103	36.4	103	36.9	103	37.9
		-3.0	-3.7	108	34.8	108	35.7	108	36.6	108	37.1	108	37.6	108	38.5
		0.0	-0.7	116	35.9	116	36.7	115	37.6	115	38.0	115	38.5	110	36.9
		3.0	2.2	123	36.8	123	37.6	122	38.4	122	38.8	118	37.3	110	34.3
		5.0	4.1	128	37.3	127	38.1	127	38.6	122	37.1	118	35.7	110	32.8
		7.0	6.0	132	37.8	132	38.6	127	37.0	122	35.5	118	34.2	110	31.4
		9.0	7.9	137	38.3	135	38.2	127	35.4	122	34.1	118	32.8	110	30.2
		11.0	9.8	141	38.8	135	36.6	127	34.0	122	32.8	118	31.5	110	29.0
		13.0	11.8	143	37.7	135	35.2	127	32.7	122	31.5	118	30.3	110	27.9
		15.0	13.7	143	36.3	135	33.9	127	31.5	122	30.3	118	29.2	110	26.9
90	900	-19.8	-20.0	68.2	27.3	68.0	28.6	67.8	30.0	67.7	30.7	67.6	31.3	67.4	32.7
		-18.8	-19.0	70.6	28.2	70.4	29.5	70.2	30.8	70.1	31.4	70.0	32.1	69.8	33.4
		-16.7	-17.0	75.5	29.7	75.3	30.9	75.1	32.1	75.0	32.8	74.9	33.4	74.7	34.6
		-14.7	-15.0	80.4	31.1	80.2	32.2	80.0	33.4	79.9	33.9	79.8	34.5	79.6	35.6
		-12.6	-13.0	85.3	32.3	85.1	33.4	84.9	34.4	84.8	35.0	84.7	35.5	84.5	36.6
		-10.5	-11.0	90.2	33.4	90.0	34.4	89.8	35.4	89.7	35.9	89.6	36.4	89.4	37.4
		-9.5	-10.0	92.7	33.8	92.5	34.8	92.3	35.8	92.2	36.3	92.1	36.8	91.9	37.8
		-8.5	-9.1	94.9	34.3	94.7	35.2	94.5	36.2	94.4	36.7	94.3	37.1	94.1	38.1
		-7.0	-7.6	98.5	34.9	98.3	35.8	98.1	36.8	98.0	37.2	97.9	37.7	97.7	38.6
		-5.0	-5.6	103	35.7	103	36.6	103	37.5	103	37.9	103	38.3	99.2	37.2
		-3.0	-3.7	108	36.4	108	37.2	108	38.1	108	38.5	107	38.4	99.2	35.3
		0.0	-0.7	115	37.4	115	38.2	114	38.3	110	36.9	107	35.4	99.2	32.6
		3.0	2.2	123	38.2	121	38.4	114	35.6	110	34.3	107	33.0	99.2	30.4
		5.0	4.1	127	38.7	121	36.7	114	34.1	110	32.8	107	31.5	99.2	29.1
		7.0	6.0	128	37.6	121	35.1	114	32.6	110	31.4	107	30.2	99.2	27.9
		9.0	7.9	128	36.1	121	33.7	114	31.3	110	30.2	107	29.0	99.2	26.8
		11.0	9.8	128	34.7	121	32.4	114	30.1	110	29.0	107	27.9	99.2	25.8
		13.0	11.8	128	33.3	121	31.1	114	29.0	110	27.9	107	26.9	99.2	24.8
		15.0	13.7	128	32.1	121	30.0	114	27.9	110	26.9	107	25.9	99.2	24.0
80	800	-19.8	-20.0	67.8	29.9	67.6	31.1	67.4	32.3	67.4	32.9	67.3	33.5	67.1	34.7
		-18.8	-19.0	70.3	30.7	70.1	31.9	69.9	33.0	69.8	33.6	69.7	34.2	69.5	35.3
		-16.7	-17.0	75.1	32.1	75.0	33.2	74.8	34.2	74.7	34.8	74.6	35.3	74.4	36.4
		-14.7	-15.0	80.0	33.3	79.9	34.3	79.7	35.3	79.6	35.8	79.5	36.3	79.3	37.3
		-12.6	-13.0	84.9	34.4	84.8	35.3	84.6	36.3	84.5	36.7	84.4	37.2	84.2	38.2
		-10.5	-11.0	89.8	35.3	89.6	36.2	89.5	37.1	89.4	37.6	89.3	38.0	88.2	38.3
		-9.5	-10.0	92.3	35.8	92.1	36.6	91.9	37.5	91.8	37.9	91.7	38.4	88.2	37.0
		-8.5	-9.1	94.5	36.1	94.3	37.0	94.1	37.8	94.0	38.3	93.9	38.7	88.2	36.0
		-7.0	-7.6	98.1	36.7	98.0	37.5	97.8	38.3	97.7	38.8	94.7	37.4	88.2	34.3
		-5.0	-5.6	103	37.4	103	38.2	101	38.1	97.9	36.6	94.7	35.2	88.2	32.4
		-3.0	-3.7	108	38.0	108	38.8	101	36.1	97.9	34.7	94.7	33.4	88.2	30.7
		0.0	-0.7	114	38.5	108	35.9	101	33.3	97.9	32.1	94.7	30.9	88.2	28.5
		3.0	2.2	114	35.8	108	33.4	101	31.1	97.9	29.9	94.7	28.8	88.2	26.6
		5.0	4.1	114	34.2	108	31.9	101	29.7	97.9	28.6	94.7	27.6	88.2	25.5
		7.0	6.0	114	32.8	108	30.6	101	28.5	97.9	27.5	94.7	26.5	88.2	24.5
		9.0	7.9	114	31.4	108	29.4	101	27.4	97.9	26.4	94.7	25.5	88.2	23.6
		11.0	9.8	114	30.2	108	28.3	101	26.4	97.9	25.4	94.7	24.5	88.2	22.7
		13.0	11.8	114	29.1	108	27.2	101	25.4	97.9	24.5	94.7	23.6	88.2	21.9
		15.0	13.7	114	28.0	108	26.3	101	24.5	97.9	23.7	94.7	22.8	88.2	21.2

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	700	-19.8	-20.0	67.4	32.6	67.3	33.6	67.1	34.7	67.0	35.2	66.9	35.7	66.8	36.8
		-18.8	-19.0	69.9	33.2	69.7	34.3	69.5	35.3	69.5	35.8	69.4	36.3	69.2	37.3
		-16.7	-17.0	74.8	34.5	74.6	35.4	74.4	36.3	74.4	36.8	74.3	37.3	74.1	38.2
		-14.7	-15.0	79.6	35.5	79.5	36.4	79.3	37.3	79.3	37.7	79.2	38.2	77.2	37.6
		-12.6	-13.0	84.5	36.5	84.4	37.3	84.2	38.1	84.1	38.5	82.9	38.1	77.2	35.0
		-10.5	-11.0	89.4	37.3	89.3	38.1	88.6	38.5	85.7	37.0	82.9	35.5	77.2	32.7
		-9.5	-10.0	91.9	37.7	91.7	38.4	88.6	37.2	85.7	35.8	82.9	34.4	77.2	31.6
		-8.5	-9.1	94.1	38.0	93.9	38.7	88.6	36.1	85.7	34.8	82.9	33.4	77.2	30.8
		-7.0	-7.6	97.8	38.5	94.2	37.1	88.6	34.5	85.7	33.2	82.9	31.9	77.2	29.4
		-5.0	-5.6	99.9	37.5	94.2	35.0	88.6	32.5	85.7	31.3	82.9	30.1	77.2	27.8
		-3.0	-3.7	99.9	35.6	94.2	33.2	88.6	30.9	85.7	29.7	82.9	28.6	77.2	26.4
		0.0	-0.7	99.9	32.8	94.2	30.7	88.6	28.6	85.7	27.6	82.9	26.5	77.2	24.5
		3.0	2.2	99.9	30.6	94.2	28.6	88.6	26.7	85.7	25.7	82.9	24.8	77.2	23.0
		5.0	4.1	99.9	29.3	94.2	27.4	88.6	25.6	85.7	24.7	82.9	23.8	77.2	22.1
		7.0	6.0	99.9	28.1	94.2	26.3	88.6	24.6	85.7	23.7	82.9	22.9	77.2	21.2
		9.0	7.9	99.9	27.0	94.2	25.3	88.6	23.7	85.7	22.8	82.9	22.0	77.2	20.4
		11.0	9.8	99.9	26.0	94.2	24.4	88.6	22.8	85.7	22.0	82.9	21.3	77.2	19.7
		13.0	11.8	99.9	25.0	94.2	23.5	88.6	22.0	85.7	21.2	82.9	20.5	77.2	19.0
		15.0	13.7	99.9	24.2	94.2	22.7	88.6	21.3	85.7	20.5	82.9	19.8	77.2	18.4
60	600	-19.8	-20.0	67.0	35.2	66.9	36.1	66.8	37.0	66.7	37.4	66.6	37.9	66.1	38.5
		-18.8	-19.0	69.5	35.8	69.3	36.6	69.2	37.5	69.1	37.9	69.1	38.4	66.1	36.8
		-16.7	-17.0	74.4	36.8	74.2	37.6	74.1	38.4	73.5	38.4	71.0	36.9	66.1	33.9
		-14.7	-15.0	79.3	37.7	79.1	38.5	75.9	36.9	73.5	35.5	71.0	34.1	66.1	31.4
		-12.6	-13.0	84.1	38.5	80.8	36.9	75.9	34.3	73.5	33.0	71.0	31.7	66.1	29.3
		-10.5	-11.0	85.7	37.0	80.8	34.5	75.9	32.1	73.5	30.9	71.0	29.7	66.1	27.4
		-9.5	-10.0	85.7	35.8	80.8	33.4	75.9	31.0	73.5	29.9	71.0	28.8	66.1	26.6
		-8.5	-9.1	85.7	34.7	80.8	32.4	75.9	30.2	73.5	29.1	71.0	28.0	66.1	25.9
		-7.0	-7.6	85.7	33.2	80.8	31.0	75.9	28.9	73.5	27.8	71.0	26.8	66.1	24.8
		-5.0	-5.6	85.7	31.3	80.8	29.3	75.9	27.3	73.5	26.3	71.0	25.4	66.1	23.5
		-3.0	-3.7	85.7	29.7	80.8	27.8	75.9	26.0	73.5	25.0	71.0	24.1	66.1	22.4
		0.0	-0.7	85.7	27.5	80.8	25.8	75.9	24.1	73.5	23.3	71.0	22.4	66.1	20.8
		3.0	2.2	85.7	25.7	80.8	24.1	75.9	22.6	73.5	21.8	71.0	21.0	66.1	19.5
		5.0	4.1	85.7	24.7	80.8	23.2	75.9	21.7	73.5	20.9	71.0	20.2	66.1	18.8
		7.0	6.0	85.7	23.7	80.8	22.3	75.9	20.9	73.5	20.2	71.0	19.5	66.1	18.1
		9.0	7.9	85.7	22.8	80.8	21.4	75.9	20.1	73.5	19.4	71.0	18.8	66.1	17.5
		11.0	9.8	85.7	22.0	80.8	20.7	75.9	19.4	73.5	18.8	71.0	18.1	66.1	16.9
		13.0	11.8	85.7	21.2	80.8	20.0	75.9	18.7	73.5	18.1	71.0	17.5	66.1	16.3
		15.0	13.7	85.7	20.5	80.8	19.3	75.9	18.1	73.5	17.6	71.0	17.0	66.1	15.8
50	500	-19.8	-20.0	66.6	37.8	66.5	38.6	63.3	36.5	61.2	35.1	59.2	33.7	55.1	31.0
		-18.8	-19.0	69.1	38.3	67.3	37.6	63.3	34.9	61.2	33.6	59.2	32.3	55.1	29.8
		-16.7	-17.0	71.4	37.1	67.3	34.6	63.3	32.2	61.2	31.0	59.2	29.8	55.1	27.5
		-14.7	-15.0	71.4	34.3	67.3	32.0	63.3	29.8	61.2	28.7	59.2	27.7	55.1	25.6
		-12.6	-13.0	71.4	31.9	67.3	29.8	63.3	27.8	61.2	26.8	59.2	25.8	55.1	23.9
		-10.5	-11.0	71.4	29.9	67.3	27.9	63.3	26.1	61.2	25.2	59.2	24.2	55.1	22.5
		-9.5	-10.0	71.4	28.9	67.3	27.1	63.3	25.3	61.2	24.4	59.2	23.5	55.1	21.8
		-8.5	-9.1	71.4	28.2	67.3	26.4	63.3	24.6	61.2	23.8	59.2	22.9	55.1	21.2
		-7.0	-7.6	71.4	26.9	67.3	25.3	63.3	23.6	61.2	22.8	59.2	22.0	55.1	20.4
		-5.0	-5.6	71.4	25.5	67.3	23.9	63.3	22.4	61.2	21.6	59.2	20.9	55.1	19.4
		-3.0	-3.7	71.4	24.3	67.3	22.8	63.3	21.3	61.2	20.6	59.2	19.9	55.1	18.5
		0.0	-0.7	71.4	22.6	67.3	21.2	63.3	19.9	61.2	19.2	59.2	18.6	55.1	17.3
		3.0	2.2	71.4	21.1	67.3	19.9	63.3	18.7	61.2	18.1	59.2	17.5	55.1	16.3
		5.0	4.1	71.4	20.3	67.3	19.1	63.3	18.0	61.2	17.4	59.2	16.8	55.1	15.7
		7.0	6.0	71.4	19.6	67.3	18.4	63.3	17.3	61.2	16.8	59.2	16.2	55.1	15.1
		9.0	7.9	71.4	18.9	67.3	17.8	63.3	16.7	61.2	16.2	59.2	15.7	55.1	14.6
		11.0	9.8	71.4	18.2	67.3	17.2	63.3	16.2	61.2	15.7	59.2	15.2	55.1	14.2
		13.0	11.8	71.4	17.6	67.3	16.6	63.3	15.6	61.2	15.2	59.2	14.7	55.1	13.7
		15.0	13.7	71.4	17.1	67.3	16.1	63.3	15.2	61.2	14.7	59.2	14.2	55.1	13.3

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

PA-42ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	1,365	-19.8	-20.0	70.5	15.5	70.2	17.5	69.9	19.5	69.7	20.5	69.6	21.5	69.3	23.5
		-18.8	-19.0	73.0	16.8	72.7	18.7	72.4	20.6	72.2	21.6	72.1	22.6	71.8	24.5
		-16.7	-17.0	77.9	19.1	77.6	20.9	77.3	22.7	77.1	23.6	77.0	24.5	76.7	26.3
		-14.7	-15.0	82.8	21.1	82.5	22.8	82.2	24.5	82.1	25.3	81.9	26.2	81.6	27.9
		-12.6	-13.0	87.8	22.9	87.5	24.5	87.2	26.1	87.0	26.9	86.9	27.7	86.6	29.3
		-10.5	-11.0	92.7	24.5	92.4	26.0	92.1	27.5	91.9	28.2	91.8	29.0	91.5	30.5
		-9.5	-10.0	95.2	25.2	94.9	26.7	94.6	28.1	94.4	28.8	94.3	29.6	94.0	31.0
		-8.5	-9.1	97.4	25.8	97.1	27.2	96.8	28.7	96.6	29.4	96.5	30.1	96.2	31.5
		-7.0	-7.6	101	26.8	101	28.2	100	29.5	100	30.2	100	30.9	99.9	32.3
		-5.0	-5.6	106	28.0	106	29.3	105	30.6	105	31.2	105	31.9	105	33.2
		-3.0	-3.7	111	29.0	110	30.2	110	31.5	110	32.1	110	32.7	110	34.0
		0.0	-0.7	118	30.4	118	31.6	118	32.8	117	33.4	117	33.9	117	35.1
		3.0	2.2	125	31.7	125	32.8	125	33.9	125	34.4	124	35.0	124	36.1
		5.0	4.1	130	32.4	130	33.5	129	34.5	129	35.0	129	35.6	129	36.6
		7.0	6.0	135	33.1	134	34.1	134	35.1	134	35.6	134	36.1	133	37.2
		9.0	7.9	139	33.7	139	34.7	139	35.7	139	36.2	138	36.7	138	37.6
		11.0	9.8	144	34.3	144	35.3	143	36.2	143	36.7	143	37.2	143	38.1
		13.0	11.8	149	34.9	149	35.8	148	36.7	148	37.2	148	37.6	148	38.6
		15.0	13.7	154	35.4	153	36.3	153	37.2	153	37.6	153	38.1	149	37.6
120	1,260	-19.8	-20.0	70.1	18.2	69.8	20.0	69.5	21.9	69.4	22.8	69.3	23.8	69.0	25.6
		-18.8	-19.0	72.6	19.4	72.3	21.2	72.0	23.0	71.9	23.9	71.7	24.7	71.4	26.5
		-16.7	-17.0	77.5	21.5	77.2	23.2	76.9	24.9	76.8	25.7	76.7	26.5	76.4	28.2
		-14.7	-15.0	82.4	23.4	82.1	25.0	81.9	26.5	81.7	27.3	81.6	28.1	81.3	29.6
		-12.6	-13.0	87.4	25.0	87.1	26.5	86.8	28.0	86.7	28.7	86.5	29.4	86.3	30.9
		-10.5	-11.0	92.3	26.5	92.0	27.9	91.7	29.3	91.6	30.0	91.5	30.7	91.2	32.0
		-9.5	-10.0	94.8	27.2	94.5	28.5	94.2	29.9	94.1	30.5	93.9	31.2	93.7	32.6
		-8.5	-9.1	97.0	27.7	96.7	29.1	96.4	30.4	96.3	31.0	96.1	31.7	95.9	33.0
		-7.0	-7.6	101	28.6	100	29.9	100	31.2	100.0	31.8	99.9	32.4	99.6	33.7
		-5.0	-5.6	106	29.7	105	30.9	105	32.1	105	32.7	105	33.3	105	34.6
		-3.0	-3.7	110	30.7	110	31.8	110	33.0	110	33.6	109	34.1	109	35.3
		0.0	-0.7	118	32.0	117	33.1	117	34.2	117	34.7	117	35.2	117	36.3
		3.0	2.2	125	33.2	125	34.2	124	35.2	124	35.7	124	36.2	124	37.2
		5.0	4.1	130	33.8	129	34.8	129	35.8	129	36.3	129	36.8	128	37.7
		7.0	6.0	134	34.5	134	35.4	134	36.3	134	36.8	133	37.3	133	38.2
		9.0	7.9	139	35.0	139	36.0	138	36.9	138	37.3	138	37.8	138	38.5
		11.0	9.8	144	35.6	143	36.5	143	37.3	143	37.8	143	38.2	138	37.0
		13.0	11.8	149	36.1	148	37.0	148	37.8	148	38.2	148	38.6	138	35.5
		15.0	13.7	153	36.6	153	37.4	153	38.2	153	38.7	148	37.2	138	34.2
110	1,155	-19.8	-20.0	69.7	20.9	69.4	22.6	69.2	24.3	69.0	25.2	68.9	26.0	68.7	27.7
		-18.8	-19.0	72.2	22.0	71.9	23.6	71.6	25.3	71.5	26.1	71.4	26.9	71.1	28.6
		-16.7	-17.0	77.1	24.0	76.8	25.5	76.6	27.0	76.5	27.8	76.3	28.5	76.1	30.1
		-14.7	-15.0	82.0	25.7	81.8	27.1	81.5	28.5	81.4	29.3	81.3	30.0	81.0	31.4
		-12.6	-13.0	87.0	27.2	86.7	28.5	86.4	29.9	86.3	30.6	86.2	31.2	85.9	32.6
		-10.5	-11.0	91.9	28.5	91.6	29.8	91.4	31.1	91.3	31.7	91.1	32.3	90.9	33.6
		-9.5	-10.0	94.4	29.1	94.1	30.4	93.8	31.6	93.7	32.2	93.6	32.9	93.3	34.1
		-8.5	-9.1	96.6	29.7	96.3	30.9	96.1	32.1	95.9	32.7	95.8	33.3	95.6	34.5
		-7.0	-7.6	100	30.5	100	31.7	99.8	32.8	99.6	33.4	99.5	34.0	99.3	35.1
		-5.0	-5.6	105	31.5	105	32.6	105	33.7	105	34.3	104	34.8	104	35.9
		-3.0	-3.7	110	32.4	110	33.4	109	34.5	109	35.0	109	35.5	109	36.6
		0.0	-0.7	117	33.6	117	34.6	117	35.6	117	36.1	117	36.6	116	37.5
		3.0	2.2	124	34.6	124	35.6	124	36.5	124	37.0	124	37.4	123	38.3
		5.0	4.1	129	35.3	129	36.2	129	37.0	129	37.5	128	37.9	126	37.9
		7.0	6.0	134	35.8	134	36.7	133	37.6	133	38.0	133	38.4	126	36.2
		9.0	7.9	139	36.4	138	37.2	138	38.0	138	38.5	135	37.8	126	34.8
		11.0	9.8	143	36.9	143	37.7	143	38.5	140	37.8	135	36.3	126	33.4
		13.0	11.8	148	37.4	148	38.1	145	37.7	140	36.3	135	34.9	126	32.1
		15.0	13.7	153	37.8	153	38.6	145	36.3	140	34.9	135	33.6	126	30.9

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	1,050	-19.8	-20.0	69.3	23.6	69.0	25.2	68.8	26.7	68.7	27.5	68.6	28.3	68.4	29.8
		-18.8	-19.0	71.7	24.6	71.5	26.1	71.3	27.6	71.2	28.3	71.1	29.1	70.8	30.6
		-16.7	-17.0	76.7	26.4	76.4	27.8	76.2	29.2	76.1	29.9	76.0	30.6	75.8	32.0
		-14.7	-15.0	81.6	28.0	81.4	29.3	81.2	30.6	81.0	31.2	80.9	31.9	80.7	33.2
		-12.6	-13.0	86.5	29.3	86.3	30.6	86.1	31.8	86.0	32.4	85.9	33.0	85.6	34.2
		-10.5	-11.0	91.5	30.6	91.3	31.7	91.0	32.9	90.9	33.4	90.8	34.0	90.6	35.2
		-9.5	-10.0	93.9	31.1	93.7	32.2	93.5	33.4	93.4	33.9	93.3	34.5	93.0	35.6
		-8.5	-9.1	96.2	31.6	95.9	32.7	95.7	33.8	95.6	34.3	95.5	34.9	95.2	36.0
		-7.0	-7.6	99.9	32.3	99.6	33.4	99.4	34.5	99.3	35.0	99.2	35.5	98.9	36.6
		-5.0	-5.6	105	33.3	105	34.3	104	35.3	104	35.8	104	36.3	104	37.3
		-3.0	-3.7	109	34.1	109	35.0	109	36.0	109	36.4	109	36.9	109	37.9
		0.0	-0.7	117	35.2	117	36.1	116	37.0	116	37.4	116	37.9	115	38.0
		3.0	2.2	124	36.1	124	37.0	124	37.8	123	38.2	123	38.5	115	35.4
		5.0	4.1	129	36.7	129	37.5	128	38.3	127	38.3	123	36.8	115	33.8
		7.0	6.0	133	37.2	133	38.0	132	38.1	127	36.7	123	35.2	115	32.4
		9.0	7.9	138	37.7	138	38.5	132	36.5	127	35.2	123	33.8	115	31.1
		11.0	9.8	143	38.2	140	37.8	132	35.1	127	33.8	123	32.5	115	29.9
		13.0	11.8	148	38.6	140	36.3	132	33.7	127	32.5	123	31.2	115	28.8
		15.0	13.7	148	37.4	140	34.9	132	32.5	127	31.3	123	30.1	115	27.8
90	945	-19.8	-20.0	68.9	26.3	68.7	27.7	68.5	29.1	68.4	29.8	68.2	30.5	68.0	31.9
		-18.8	-19.0	71.3	27.2	71.1	28.6	70.9	29.9	70.8	30.6	70.7	31.3	70.5	32.6
		-16.7	-17.0	76.3	28.8	76.1	30.1	75.9	31.3	75.8	32.0	75.6	32.6	75.4	33.8
		-14.7	-15.0	81.2	30.2	81.0	31.4	80.8	32.6	80.7	33.2	80.6	33.8	80.4	34.9
		-12.6	-13.0	86.1	31.5	85.9	32.6	85.7	33.7	85.6	34.2	85.5	34.8	85.3	35.9
		-10.5	-11.0	91.1	32.6	90.9	33.6	90.7	34.7	90.6	35.2	90.5	35.7	90.2	36.7
		-9.5	-10.0	93.5	33.1	93.3	34.1	93.1	35.1	93.0	35.6	92.9	36.1	92.7	37.1
		-8.5	-9.1	95.8	33.5	95.6	34.5	95.3	35.5	95.2	36.0	95.1	36.5	94.9	37.5
		-7.0	-7.6	99.5	34.2	99.3	35.1	99.0	36.1	98.9	36.6	98.8	37.0	98.6	38.0
		-5.0	-5.6	104	35.0	104	35.9	104	36.8	104	37.3	104	37.7	103	38.4
		-3.0	-3.7	109	35.7	109	36.6	109	37.5	109	37.9	108	38.3	103	36.4
		0.0	-0.7	116	36.7	116	37.5	116	38.4	115	38.0	111	36.5	103	33.6
		3.0	2.2	124	37.6	123	38.4	118	36.8	115	35.4	111	34.0	103	31.3
		5.0	4.1	128	38.1	126	37.8	118	35.1	115	33.8	111	32.5	103	30.0
		7.0	6.0	133	38.6	126	36.2	118	33.7	115	32.4	111	31.2	103	28.8
		9.0	7.9	134	37.2	126	34.7	118	32.3	115	31.1	111	29.9	103	27.6
		11.0	9.8	134	35.7	126	33.4	118	31.1	115	29.9	111	28.8	103	26.6
		13.0	11.8	134	34.3	126	32.1	118	29.9	115	28.8	111	27.7	103	25.6
		15.0	13.7	134	33.1	126	30.9	118	28.8	115	27.8	111	26.8	103	24.7
80	840	-19.8	-20.0	68.5	29.1	68.3	30.3	68.1	31.5	68.0	32.2	67.9	32.8	67.7	34.0
		-18.8	-19.0	70.9	29.9	70.7	31.0	70.6	32.2	70.5	32.8	70.4	33.4	70.2	34.6
		-16.7	-17.0	75.9	31.3	75.7	32.4	75.5	33.5	75.4	34.1	75.3	34.6	75.1	35.7
		-14.7	-15.0	80.8	32.5	80.6	33.6	80.4	34.6	80.3	35.1	80.2	35.7	80.1	36.7
		-12.6	-13.0	85.7	33.6	85.6	34.6	85.4	35.6	85.3	36.1	85.2	36.6	85.0	37.6
		-10.5	-11.0	90.7	34.6	90.5	35.5	90.3	36.5	90.2	36.9	90.1	37.4	89.9	38.3
		-9.5	-10.0	93.1	35.1	93.0	36.0	92.8	36.9	92.7	37.3	92.6	37.8	91.7	38.2
		-8.5	-9.1	95.4	35.4	95.2	36.3	95.0	37.2	94.9	37.6	94.8	38.1	91.7	37.1
		-7.0	-7.6	99.1	36.0	98.9	36.9	98.7	37.7	98.6	38.2	98.4	38.5	91.7	35.4
		-5.0	-5.6	104	36.8	104	37.6	104	38.4	102	37.8	98.4	36.3	91.7	33.4
		-3.0	-3.7	109	37.4	108	38.2	105	37.2	102	35.8	98.4	34.4	91.7	31.7
		0.0	-0.7	116	38.3	112	37.0	105	34.4	102	33.1	98.4	31.8	91.7	29.4
		3.0	2.2	119	36.9	112	34.4	105	32.0	102	30.9	98.4	29.7	91.7	27.4
		5.0	4.1	119	35.3	112	32.9	105	30.7	102	29.5	98.4	28.4	91.7	26.3
		7.0	6.0	119	33.8	112	31.6	105	29.4	102	28.3	98.4	27.3	91.7	25.2
		9.0	7.9	119	32.4	112	30.3	105	28.3	102	27.3	98.4	26.3	91.7	24.3
		11.0	9.8	119	31.2	112	29.2	105	27.2	102	26.2	98.4	25.3	91.7	23.4
		13.0	11.8	119	30.0	112	28.1	105	26.2	102	25.3	98.4	24.4	91.7	22.6
		15.0	13.7	119	28.9	112	27.1	105	25.3	102	24.4	98.4	23.5	91.7	21.8

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	735	-19.8	-20.0	68.1	31.8	67.9	32.9	67.7	33.9	67.7	34.5	67.6	35.0	67.4	36.1
		-18.8	-19.0	70.5	32.5	70.4	33.5	70.2	34.6	70.1	35.1	70.0	35.6	69.9	36.6
		-16.7	-17.0	75.5	33.7	75.3	34.7	75.1	35.7	75.1	36.2	75.0	36.6	74.8	37.6
		-14.7	-15.0	80.4	34.8	80.2	35.7	80.1	36.6	80.0	37.1	79.9	37.6	79.7	38.5
		-12.6	-13.0	85.3	35.8	85.2	36.6	85.0	37.5	84.9	37.9	84.8	38.4	80.2	36.1
		-10.5	-11.0	90.3	36.6	90.1	37.5	89.9	38.3	89.1	38.2	86.1	36.6	80.2	33.7
		-9.5	-10.0	92.7	37.0	92.6	37.8	92.1	38.4	89.1	36.9	86.1	35.5	80.2	32.6
		-8.5	-9.1	95.0	37.4	94.8	38.1	92.1	37.3	89.1	35.9	86.1	34.5	80.2	31.7
		-7.0	-7.6	98.7	37.9	98.0	38.3	92.1	35.6	89.1	34.2	86.1	32.9	80.2	30.3
		-5.0	-5.6	104	38.5	98.0	36.1	92.1	33.6	89.1	32.3	86.1	31.1	80.2	28.7
		-3.0	-3.7	104	36.7	98.0	34.2	92.1	31.9	89.1	30.7	86.1	29.5	80.2	27.3
		0.0	-0.7	104	33.9	98.0	31.7	92.1	29.5	89.1	28.4	86.1	27.4	80.2	25.3
		3.0	2.2	104	31.6	98.0	29.5	92.1	27.5	89.1	26.6	86.1	25.6	80.2	23.7
		5.0	4.1	104	30.2	98.0	28.3	92.1	26.4	89.1	25.5	86.1	24.6	80.2	22.8
		7.0	6.0	104	29.0	98.0	27.2	92.1	25.4	89.1	24.5	86.1	23.6	80.2	21.9
		9.0	7.9	104	27.9	98.0	26.1	92.1	24.4	89.1	23.6	86.1	22.7	80.2	21.1
		11.0	9.8	104	26.8	98.0	25.2	92.1	23.5	89.1	22.7	86.1	21.9	80.2	20.4
		13.0	11.8	104	25.8	98.0	24.2	92.1	22.7	89.1	21.9	86.1	21.1	80.2	19.6
		15.0	13.7	104	24.9	98.0	23.4	92.1	21.9	89.1	21.2	86.1	20.5	80.2	19.0
60	630	-19.8	-20.0	67.7	34.5	67.5	35.4	67.4	36.3	67.3	36.8	67.2	37.3	67.1	38.2
		-18.8	-19.0	70.1	35.1	70.0	36.0	69.8	36.9	69.8	37.3	69.7	37.8	68.8	38.0
		-16.7	-17.0	75.1	36.2	74.9	37.0	74.8	37.8	74.7	38.2	73.8	38.0	68.8	34.9
		-14.7	-15.0	80.0	37.1	79.9	37.9	78.9	38.1	76.4	36.6	73.8	35.2	68.8	32.4
		-12.6	-13.0	84.9	37.9	84.0	38.1	78.9	35.4	76.4	34.0	73.8	32.7	68.8	30.2
		-10.5	-11.0	89.0	38.1	84.0	35.6	78.9	33.1	76.4	31.8	73.8	30.6	68.8	28.3
		-9.5	-10.0	89.0	36.9	84.0	34.4	78.9	32.0	76.4	30.8	73.8	29.7	68.8	27.4
		-8.5	-9.1	89.0	35.8	84.0	33.5	78.9	31.1	76.4	30.0	73.8	28.9	68.8	26.7
		-7.0	-7.6	89.0	34.2	84.0	32.0	78.9	29.8	76.4	28.7	73.8	27.6	68.8	25.6
		-5.0	-5.6	89.0	32.3	84.0	30.2	78.9	28.2	76.4	27.1	73.8	26.2	68.8	24.2
		-3.0	-3.7	89.0	30.7	84.0	28.7	78.9	26.8	76.4	25.8	73.8	24.9	68.8	23.1
		0.0	-0.7	89.0	28.4	84.0	26.6	78.9	24.9	76.4	24.0	73.8	23.1	68.8	21.5
		3.0	2.2	89.0	26.5	84.0	24.9	78.9	23.3	76.4	22.5	73.8	21.7	68.8	20.2
		5.0	4.1	89.0	25.5	84.0	23.9	78.9	22.4	76.4	21.6	73.8	20.9	68.8	19.4
		7.0	6.0	89.0	24.5	84.0	23.0	78.9	21.5	76.4	20.8	73.8	20.1	68.8	18.7
		9.0	7.9	89.0	23.5	84.0	22.1	78.9	20.7	76.4	20.0	73.8	19.4	68.8	18.0
		11.0	9.8	89.0	22.7	84.0	21.3	78.9	20.0	76.4	19.4	73.8	18.7	68.8	17.4
		13.0	11.8	89.0	21.9	84.0	20.6	78.9	19.3	76.4	18.7	73.8	18.1	68.8	16.8
		15.0	13.7	89.0	21.2	84.0	19.9	78.9	18.7	76.4	18.1	73.8	17.5	68.8	16.3
50	525	-19.8	-20.0	67.2	37.2	67.1	38.0	65.8	37.6	63.6	36.2	61.5	34.8	57.3	32.0
		-18.8	-19.0	69.7	37.7	69.6	38.4	65.8	36.0	63.6	34.6	61.5	33.3	57.3	30.7
		-16.7	-17.0	74.2	38.2	70.0	35.7	65.8	33.2	63.6	31.9	61.5	30.7	57.3	28.3
		-14.7	-15.0	74.2	35.4	70.0	33.0	65.8	30.8	63.6	29.6	61.5	28.5	57.3	26.4
		-12.6	-13.0	74.2	32.9	70.0	30.8	65.8	28.7	63.6	27.7	61.5	26.6	57.3	24.6
		-10.5	-11.0	74.2	30.8	70.0	28.8	65.8	26.9	63.6	25.9	61.5	25.0	57.3	23.2
		-9.5	-10.0	74.2	29.9	70.0	27.9	65.8	26.1	63.6	25.2	61.5	24.3	57.3	22.5
		-8.5	-9.1	74.2	29.0	70.0	27.2	65.8	25.4	63.6	24.5	61.5	23.6	57.3	21.9
		-7.0	-7.6	74.2	27.8	70.0	26.0	65.8	24.3	63.6	23.5	61.5	22.7	57.3	21.0
		-5.0	-5.6	74.2	26.3	70.0	24.7	65.8	23.1	63.6	22.3	61.5	21.5	57.3	20.0
		-3.0	-3.7	74.2	25.0	70.0	23.5	65.8	22.0	63.6	21.2	61.5	20.5	57.3	19.1
		0.0	-0.7	74.2	23.3	70.0	21.9	65.8	20.5	63.6	19.8	61.5	19.1	57.3	17.8
		3.0	2.2	74.2	21.8	70.0	20.5	65.8	19.3	63.6	18.6	61.5	18.0	57.3	16.8
		5.0	4.1	74.2	21.0	70.0	19.7	65.8	18.5	63.6	17.9	61.5	17.3	57.3	16.2
		7.0	6.0	74.2	20.2	70.0	19.0	65.8	17.9	63.6	17.3	61.5	16.7	57.3	15.6
		9.0	7.9	74.2	19.5	70.0	18.3	65.8	17.2	63.6	16.7	61.5	16.2	57.3	15.1
		11.0	9.8	74.2	18.8	70.0	17.7	65.8	16.7	63.6	16.2	61.5	15.6	57.3	14.6
		13.0	11.8	74.2	18.2	70.0	17.1	65.8	16.1	63.6	15.6	61.5	15.1	57.3	14.2
		15.0	13.7	74.2	17.6	70.0	16.6	65.8	15.6	63.6	15.2	61.5	14.7	57.3	13.8

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

PA-44ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	1,430	-19.8	-20.0	72.9	15.4	72.6	17.5	72.3	19.6	72.2	20.6	72.0	21.7	71.7	23.8
		-18.8	-19.0	75.5	16.7	75.2	18.8	74.9	20.8	74.7	21.8	74.6	22.8	74.2	24.8
		-16.7	-17.0	80.6	19.2	80.3	21.0	80.0	22.9	79.8	23.8	79.7	24.8	79.3	26.7
		-14.7	-15.0	85.7	21.3	85.4	23.0	85.1	24.8	84.9	25.6	84.8	26.5	84.4	28.3
		-12.6	-13.0	90.8	23.1	90.5	24.8	90.2	26.4	90.0	27.2	89.9	28.1	89.5	29.7
		-10.5	-11.0	95.9	24.8	95.6	26.3	95.3	27.9	95.1	28.7	95.0	29.4	94.6	31.0
		-9.5	-10.0	98.5	25.5	98.1	27.0	97.8	28.5	97.7	29.3	97.5	30.1	97.2	31.6
		-8.5	-9.1	101	26.2	100	27.6	100	29.1	100.0	29.9	99.8	30.6	99.5	32.1
		-7.0	-7.6	105	27.2	104	28.6	104	30.0	104	30.7	104	31.4	103	32.9
		-5.0	-5.6	110	28.4	109	29.7	109	31.1	109	31.8	109	32.5	108	33.8
		-3.0	-3.7	115	29.5	114	30.8	114	32.0	114	32.7	114	33.3	113	34.6
		0.0	-0.7	122	31.0	122	32.2	122	33.4	121	34.0	121	34.6	121	35.8
		3.0	2.2	130	32.2	129	33.4	129	34.5	129	35.1	129	35.7	128	36.8
		5.0	4.1	134	33.0	134	34.1	134	35.2	134	35.7	133	36.3	133	37.4
		7.0	6.0	139	33.7	139	34.8	139	35.8	138	36.3	138	36.9	138	37.9
		9.0	7.9	144	34.4	144	35.4	143	36.4	143	36.9	143	37.4	143	38.4
		11.0	9.8	149	35.0	149	36.0	148	36.9	148	37.4	148	37.9	148	38.9
		13.0	11.8	154	35.6	154	36.5	153	37.5	153	38.0	153	38.4	153	39.4
		15.0	13.7	159	36.1	159	37.0	158	38.0	158	38.4	158	38.9	156	39.1
120	1,320	-19.8	-20.0	72.5	18.2	72.2	20.2	71.9	22.1	71.8	23.0	71.7	24.0	71.4	25.9
		-18.8	-19.0	75.1	19.5	74.8	21.3	74.5	23.2	74.3	24.1	74.2	25.0	73.9	26.9
		-16.7	-17.0	80.2	21.7	79.9	23.4	79.6	25.2	79.4	26.0	79.3	26.9	79.0	28.6
		-14.7	-15.0	85.3	23.6	85.0	25.3	84.7	26.9	84.5	27.7	84.4	28.5	84.1	30.1
		-12.6	-13.0	90.4	25.3	90.1	26.9	89.8	28.4	89.6	29.2	89.5	29.9	89.2	31.4
		-10.5	-11.0	95.5	26.9	95.2	28.3	94.9	29.7	94.7	30.5	94.6	31.2	94.3	32.6
		-9.5	-10.0	98.0	27.6	97.7	29.0	97.4	30.4	97.3	31.1	97.2	31.8	96.9	33.2
		-8.5	-9.1	100	28.2	100	29.5	99.7	30.9	99.6	31.6	99.5	32.3	99.2	33.6
		-7.0	-7.6	104	29.1	104	30.4	104	31.7	103	32.4	103	33.0	103	34.3
		-5.0	-5.6	109	30.2	109	31.5	109	32.7	109	33.4	108	34.0	108	35.2
		-3.0	-3.7	114	31.2	114	32.4	114	33.6	113	34.2	113	34.8	113	36.0
		0.0	-0.7	122	32.6	121	33.7	121	34.8	121	35.4	121	35.9	121	37.1
		3.0	2.2	129	33.8	129	34.8	129	35.9	128	36.4	128	36.9	128	38.0
		5.0	4.1	134	34.5	134	35.5	133	36.5	133	37.0	133	37.5	133	38.5
		7.0	6.0	139	35.1	139	36.1	138	37.1	138	37.6	138	38.1	138	39.0
		9.0	7.9	144	35.7	143	36.7	143	37.6	143	38.1	143	38.6	143	39.5
		11.0	9.8	149	36.3	148	37.2	148	38.1	148	38.6	148	39.0	144	38.5
		13.0	11.8	154	36.9	153	37.7	153	38.6	153	39.1	153	39.5	144	36.9
		15.0	13.7	158	37.4	158	38.2	158	39.1	158	39.5	154	38.7	144	35.6
110	1,210	-19.8	-20.0	72.1	21.0	71.8	22.8	71.6	24.6	71.4	25.5	71.3	26.4	71.0	28.1
		-18.8	-19.0	74.6	22.2	74.4	23.9	74.1	25.6	74.0	26.4	73.8	27.3	73.6	29.0
		-16.7	-17.0	79.7	24.2	79.5	25.8	79.2	27.4	79.1	28.2	78.9	29.0	78.7	30.6
		-14.7	-15.0	84.8	26.0	84.6	27.5	84.3	29.0	84.2	29.7	84.1	30.5	83.8	32.0
		-12.6	-13.0	89.9	27.6	89.7	29.0	89.4	30.4	89.3	31.1	89.2	31.8	88.9	33.2
		-10.5	-11.0	95.1	29.0	94.8	30.3	94.5	31.6	94.4	32.3	94.3	32.9	94.0	34.2
		-9.5	-10.0	97.6	29.6	97.3	30.9	97.1	32.2	96.9	32.8	96.8	33.5	96.5	34.7
		-8.5	-9.1	99.9	30.2	99.6	31.4	99.4	32.7	99.2	33.3	99.1	33.9	98.8	35.2
		-7.0	-7.6	104	31.0	103	32.2	103	33.4	103	34.0	103	34.6	103	35.8
		-5.0	-5.6	109	32.1	109	33.2	108	34.3	108	34.9	108	35.5	108	36.6
		-3.0	-3.7	114	33.0	113	34.1	113	35.1	113	35.7	113	36.2	113	37.3
		0.0	-0.7	121	34.2	121	35.3	121	36.3	121	36.8	121	37.3	120	38.3
		3.0	2.2	129	35.3	128	36.3	128	37.2	128	37.7	128	38.2	128	39.2
		5.0	4.1	134	36.0	133	36.9	133	37.8	133	38.3	133	38.7	132	39.4
		7.0	6.0	138	36.6	138	37.5	138	38.3	138	38.8	138	39.2	132	37.7
		9.0	7.9	143	37.1	143	38.0	143	38.8	143	39.3	142	39.3	132	36.1
		11.0	9.8	148	37.6	148	38.5	148	39.3	146	39.3	142	37.7	132	34.7
		13.0	11.8	153	38.2	153	39.0	151	39.2	146	37.7	142	36.2	132	33.4
		15.0	13.7	158	38.6	158	39.4	151	37.7	146	36.3	142	34.9	132	32.2

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	1,100	-19.8	-20.0	71.7	23.9	71.4	25.5	71.2	27.1	71.1	27.9	70.9	28.7	70.7	30.3
		-18.8	-19.0	74.2	24.9	74.0	26.5	73.7	28.0	73.6	28.8	73.5	29.5	73.3	31.1
		-16.7	-17.0	79.3	26.8	79.1	28.2	78.8	29.6	78.7	30.4	78.6	31.1	78.4	32.5
		-14.7	-15.0	84.4	28.4	84.2	29.7	83.9	31.1	83.8	31.8	83.7	32.4	83.5	33.8
		-12.6	-13.0	89.5	29.8	89.3	31.1	89.0	32.4	88.9	33.0	88.8	33.6	88.6	34.9
		-10.5	-11.0	94.6	31.1	94.4	32.3	94.1	33.5	94.0	34.1	93.9	34.7	93.7	35.9
		-9.5	-10.0	97.2	31.7	96.9	32.8	96.7	34.0	96.6	34.6	96.5	35.2	96.2	36.3
		-8.5	-9.1	99.5	32.2	99.2	33.3	99.0	34.4	98.9	35.0	98.7	35.6	98.5	36.7
		-7.0	-7.6	103	32.9	103	34.0	103	35.1	103	35.7	103	36.2	102	37.3
		-5.0	-5.6	108	33.9	108	34.9	108	36.0	108	36.5	108	37.0	107	38.1
		-3.0	-3.7	113	34.7	113	35.7	113	36.7	113	37.2	113	37.7	112	38.7
		0.0	-0.7	121	35.9	121	36.8	120	37.7	120	38.2	120	38.7	120	39.5
		3.0	2.2	128	36.9	128	37.7	128	38.6	128	39.0	128	39.5	120	36.8
		5.0	4.1	133	37.4	133	38.3	133	39.1	133	39.6	129	38.2	120	35.2
		7.0	6.0	138	38.0	138	38.8	138	39.6	133	38.1	129	36.6	120	33.7
		9.0	7.9	143	38.5	143	39.3	138	38.0	133	36.5	129	35.1	120	32.4
		11.0	9.8	148	39.0	146	39.3	138	36.5	133	35.1	129	33.8	120	31.1
		13.0	11.8	153	39.4	146	37.7	138	35.0	133	33.7	129	32.4	120	29.9
		15.0	13.7	155	38.9	146	36.3	138	33.8	133	32.5	129	31.3	120	28.9
90	990	-19.8	-20.0	71.2	26.7	71.0	28.1	70.8	29.6	70.7	30.3	70.6	31.0	70.4	32.5
		-18.8	-19.0	73.8	27.6	73.6	29.0	73.4	30.4	73.3	31.1	73.1	31.8	72.9	33.2
		-16.7	-17.0	78.9	29.3	78.7	30.6	78.5	31.9	78.4	32.5	78.2	33.2	78.0	34.5
		-14.7	-15.0	84.0	30.8	83.8	32.0	83.6	33.2	83.5	33.8	83.3	34.4	83.1	35.6
		-12.6	-13.0	89.1	32.0	88.9	33.2	88.7	34.3	88.6	34.9	88.4	35.5	88.2	36.6
		-10.5	-11.0	94.2	33.2	94.0	34.3	93.8	35.3	93.7	35.9	93.5	36.4	93.3	37.5
		-9.5	-10.0	96.8	33.7	96.5	34.8	96.3	35.8	96.2	36.3	96.1	36.9	95.9	37.9
		-8.5	-9.1	99.0	34.2	98.8	35.2	98.6	36.2	98.5	36.7	98.4	37.2	98.2	38.3
		-7.0	-7.6	103	34.9	103	35.8	102	36.8	102	37.3	102	37.8	102	38.8
		-5.0	-5.6	108	35.7	108	36.7	108	37.6	107	38.1	107	38.5	107	39.5
		-3.0	-3.7	113	36.5	113	37.4	112	38.2	112	38.7	112	39.1	108	37.8
		0.0	-0.7	120	37.5	120	38.3	120	39.2	120	39.5	116	38.0	108	34.9
		3.0	2.2	128	38.4	128	39.2	124	38.2	120	36.8	116	35.3	108	32.5
		5.0	4.1	133	38.9	132	39.3	124	36.5	120	35.2	116	33.8	108	31.2
		7.0	6.0	138	39.4	132	37.6	124	35.0	120	33.7	116	32.4	108	29.9
		9.0	7.9	140	38.7	132	36.1	124	33.6	120	32.3	116	31.1	108	28.7
		11.0	9.8	140	37.2	132	34.7	124	32.3	120	31.1	116	29.9	108	27.7
		13.0	11.8	140	35.7	132	33.3	124	31.0	120	29.9	116	28.8	108	26.6
		15.0	13.7	140	34.4	132	32.1	124	29.9	120	28.9	116	27.8	108	25.7
80	880	-19.8	-20.0	70.8	29.5	70.6	30.8	70.4	32.1	70.3	32.7	70.2	33.4	70.0	34.7
		-18.8	-19.0	73.4	30.3	73.2	31.6	73.0	32.8	72.9	33.4	72.8	34.1	72.6	35.3
		-16.7	-17.0	78.5	31.8	78.3	33.0	78.1	34.1	78.0	34.7	77.9	35.3	77.7	36.5
		-14.7	-15.0	83.6	33.1	83.4	34.2	83.2	35.3	83.1	35.8	83.0	36.4	82.8	37.5
		-12.6	-13.0	88.7	34.3	88.5	35.3	88.3	36.3	88.2	36.8	88.1	37.3	87.9	38.3
		-10.5	-11.0	93.8	35.3	93.6	36.3	93.4	37.2	93.3	37.7	93.2	38.2	93.0	39.1
		-9.5	-10.0	96.3	35.8	96.1	36.7	95.9	37.6	95.8	38.1	95.7	38.6	95.6	39.5
		-8.5	-9.1	98.6	36.2	98.4	37.1	98.2	38.0	98.1	38.4	98.0	38.9	95.9	38.6
		-7.0	-7.6	102	36.8	102	37.7	102	38.5	102	39.0	102	39.4	95.9	36.8
		-5.0	-5.6	108	37.5	107	38.4	107	39.2	106	39.3	103	37.7	95.9	34.7
		-3.0	-3.7	112	38.2	112	39.0	110	38.7	106	37.2	103	35.8	95.9	33.0
		0.0	-0.7	120	39.1	117	38.5	110	35.7	106	34.4	103	33.1	95.9	30.5
		3.0	2.2	124	38.3	117	35.8	110	33.3	106	32.1	103	30.9	95.9	28.5
		5.0	4.1	124	36.7	117	34.2	110	31.9	106	30.7	103	29.6	95.9	27.3
		7.0	6.0	124	35.1	117	32.8	110	30.6	106	29.5	103	28.4	95.9	26.2
		9.0	7.9	124	33.7	117	31.5	110	29.4	106	28.3	103	27.3	95.9	25.3
		11.0	9.8	124	32.4	117	30.3	110	28.3	106	27.3	103	26.3	95.9	24.3
		13.0	11.8	124	31.1	117	29.2	110	27.2	106	26.3	103	25.3	95.9	23.5
		15.0	13.7	124	30.0	117	28.1	110	26.3	106	25.4	103	24.5	95.9	22.7

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	770	-19.8	-20.0	70.4	32.3	70.2	33.5	70.1	34.6	70.0	35.2	69.9	35.7	69.7	36.8
		-18.8	-19.0	72.9	33.1	72.8	34.1	72.6	35.2	72.5	35.8	72.4	36.3	72.3	37.4
		-16.7	-17.0	78.0	34.4	77.9	35.4	77.7	36.4	77.6	36.9	77.5	37.4	77.4	38.4
		-14.7	-15.0	83.1	35.5	83.0	36.5	82.8	37.4	82.7	37.9	82.6	38.3	82.5	39.3
		-12.6	-13.0	88.3	36.5	88.1	37.4	87.9	38.3	87.8	38.7	87.7	39.2	83.9	37.5
		-10.5	-11.0	93.4	37.4	93.2	38.2	93.0	39.1	92.9	39.5	90.1	38.1	83.9	35.0
		-9.5	-10.0	95.9	37.8	95.7	38.6	95.6	39.4	93.2	38.4	90.1	36.9	83.9	33.9
		-8.5	-9.1	98.2	38.2	98.0	39.0	96.3	38.7	93.2	37.3	90.1	35.8	83.9	33.0
		-7.0	-7.6	102	38.7	102	39.5	96.3	37.0	93.2	35.6	90.1	34.2	83.9	31.5
		-5.0	-5.6	107	39.4	102	37.5	96.3	34.9	93.2	33.6	90.1	32.3	83.9	29.8
		-3.0	-3.7	109	38.1	102	35.6	96.3	33.1	93.2	31.9	90.1	30.7	83.9	28.3
		0.0	-0.7	109	35.2	102	32.9	96.3	30.7	93.2	29.5	90.1	28.5	83.9	26.3
		3.0	2.2	109	32.8	102	30.7	96.3	28.6	93.2	27.6	90.1	26.6	83.9	24.6
		5.0	4.1	109	31.4	102	29.4	96.3	27.4	93.2	26.5	90.1	25.5	83.9	23.6
		7.0	6.0	109	30.1	102	28.2	96.3	26.4	93.2	25.4	90.1	24.5	83.9	22.7
		9.0	7.9	109	29.0	102	27.1	96.3	25.4	93.2	24.5	90.1	23.6	83.9	21.9
		11.0	9.8	109	27.9	102	26.1	96.3	24.4	93.2	23.6	90.1	22.8	83.9	21.2
		13.0	11.8	109	26.8	102	25.2	96.3	23.6	93.2	22.8	90.1	22.0	83.9	20.4
		15.0	13.7	109	25.9	102	24.3	96.3	22.8	93.2	22.0	90.1	21.3	83.9	19.8
60	660	-19.8	-20.0	70.0	35.2	69.8	36.1	69.7	37.1	69.6	37.6	69.5	38.1	69.4	39.0
		-18.8	-19.0	72.5	35.8	72.4	36.7	72.2	37.6	72.2	38.1	72.1	38.6	71.9	39.5
		-16.7	-17.0	77.6	36.9	77.5	37.8	77.3	38.6	77.3	39.1	77.2	39.5	71.9	36.3
		-14.7	-15.0	82.7	37.9	82.6	38.7	82.4	39.5	79.8	38.0	77.2	36.6	71.9	33.6
		-12.6	-13.0	87.8	38.7	87.7	39.5	82.5	36.8	79.8	35.4	77.2	34.0	71.9	31.4
		-10.5	-11.0	92.9	39.5	87.8	37.0	82.5	34.4	79.8	33.1	77.2	31.8	71.9	29.4
		-9.5	-10.0	93.1	38.3	87.8	35.8	82.5	33.3	79.8	32.1	77.2	30.9	71.9	28.5
		-8.5	-9.1	93.1	37.2	87.8	34.8	82.5	32.4	79.8	31.2	77.2	30.0	71.9	27.7
		-7.0	-7.6	93.1	35.6	87.8	33.2	82.5	31.0	79.8	29.8	77.2	28.7	71.9	26.6
		-5.0	-5.6	93.1	33.6	87.8	31.4	82.5	29.3	79.8	28.2	77.2	27.2	71.9	25.2
		-3.0	-3.7	93.1	31.9	87.8	29.8	82.5	27.8	79.8	26.8	77.2	25.9	71.9	24.0
		0.0	-0.7	93.1	29.5	87.8	27.7	82.5	25.8	79.8	24.9	77.2	24.1	71.9	22.3
		3.0	2.2	93.1	27.6	87.8	25.9	82.5	24.2	79.8	23.4	77.2	22.6	71.9	20.9
		5.0	4.1	93.1	26.5	87.8	24.8	82.5	23.2	79.8	22.4	77.2	21.7	71.9	20.1
		7.0	6.0	93.1	25.4	87.8	23.9	82.5	22.4	79.8	21.6	77.2	20.9	71.9	19.4
		9.0	7.9	93.1	24.5	87.8	23.0	82.5	21.5	79.8	20.8	77.2	20.1	71.9	18.7
		11.0	9.8	93.1	23.6	87.8	22.2	82.5	20.8	79.8	20.1	77.2	19.4	71.9	18.1
		13.0	11.8	93.1	22.7	87.8	21.4	82.5	20.1	79.8	19.4	77.2	18.8	71.9	17.5
		15.0	13.7	93.1	22.0	87.8	20.7	82.5	19.4	79.8	18.8	77.2	18.2	71.9	17.0
50	550	-19.8	-20.0	69.5	38.0	69.4	38.8	68.8	39.1	66.5	37.6	64.3	36.1	59.9	33.3
		-18.8	-19.0	72.1	38.5	72.0	39.3	68.8	37.4	66.5	36.0	64.3	34.6	59.9	31.9
		-16.7	-17.0	77.2	39.4	73.2	37.1	68.8	34.5	66.5	33.2	64.3	31.9	59.9	29.5
		-14.7	-15.0	77.6	36.8	73.2	34.3	68.8	32.0	66.5	30.8	64.3	29.6	59.9	27.4
		-12.6	-13.0	77.6	34.2	73.2	32.0	68.8	29.8	66.5	28.7	64.3	27.7	59.9	25.6
		-10.5	-11.0	77.6	32.0	73.2	30.0	68.8	28.0	66.5	27.0	64.3	26.0	59.9	24.1
		-9.5	-10.0	77.6	31.0	73.2	29.0	68.8	27.1	66.5	26.2	64.3	25.2	59.9	23.4
		-8.5	-9.1	77.6	30.2	73.2	28.3	68.8	26.4	66.5	25.5	64.3	24.6	59.9	22.8
		-7.0	-7.6	77.6	28.9	73.2	27.1	68.8	25.3	66.5	24.4	64.3	23.6	59.9	21.9
		-5.0	-5.6	77.6	27.3	73.2	25.6	68.8	24.0	66.5	23.2	64.3	22.4	59.9	20.8
		-3.0	-3.7	77.6	26.0	73.2	24.4	68.8	22.9	66.5	22.1	64.3	21.3	59.9	19.8
		0.0	-0.7	77.6	24.2	73.2	22.7	68.8	21.3	66.5	20.6	64.3	19.9	59.9	18.5
		3.0	2.2	77.6	22.7	73.2	21.3	68.8	20.0	66.5	19.4	64.3	18.7	59.9	17.4
		5.0	4.1	77.6	21.8	73.2	20.5	68.8	19.3	66.5	18.6	64.3	18.0	59.9	16.8
		7.0	6.0	77.6	21.0	73.2	19.8	68.8	18.6	66.5	18.0	64.3	17.4	59.9	16.2
		9.0	7.9	77.6	20.2	73.2	19.1	68.8	17.9	66.5	17.4	64.3	16.8	59.9	15.7
		11.0	9.8	77.6	19.5	73.2	18.4	68.8	17.3	66.5	16.8	64.3	16.3	59.9	15.2
		13.0	11.8	77.6	18.9	73.2	17.8	68.8	16.8	66.5	16.2	64.3	15.7	59.9	14.7
		15.0	13.7	77.6	18.3	73.2	17.3	68.8	16.3	66.5	15.8	64.3	15.3	59.9	14.3

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

PA-46ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	1,495	-19.8	-20.0	78.8	17.9	78.5	20.1	78.2	22.3	78.0	23.5	77.8	24.6	77.5	26.8
		-18.8	-19.0	81.6	19.4	81.3	21.5	80.9	23.6	80.8	24.7	80.6	25.7	80.3	27.8
		-16.7	-17.0	87.1	21.9	86.8	23.9	86.5	25.9	86.3	26.8	86.1	27.8	85.8	29.8
		-14.7	-15.0	92.6	24.1	92.3	26.0	92.0	27.8	91.8	28.7	91.7	29.7	91.3	31.5
		-12.6	-13.0	98.2	26.1	97.8	27.8	97.5	29.6	97.3	30.4	97.2	31.3	96.8	33.0
		-10.5	-11.0	104	27.8	103	29.4	103	31.1	103	31.9	103	32.7	102	34.4
		-9.5	-10.0	106	28.6	106	30.2	106	31.8	106	32.6	105	33.4	105	35.0
		-8.5	-9.1	109	29.3	109	30.8	108	32.4	108	33.2	108	34.0	108	35.5
		-7.0	-7.6	113	30.3	113	31.8	112	33.3	112	34.1	112	34.8	112	36.4
		-5.0	-5.6	119	31.6	118	33.1	118	34.5	118	35.2	118	35.9	117	37.4
		-3.0	-3.7	124	32.8	124	34.1	123	35.5	123	36.2	123	36.9	123	38.2
		0.0	-0.7	132	34.4	132	35.6	131	36.9	131	37.5	131	38.2	131	39.5
		3.0	2.2	140	35.7	140	36.9	139	38.1	139	38.7	139	39.3	139	40.5
		5.0	4.1	145	36.5	145	37.7	145	38.8	145	39.4	144	40.0	144	41.1
		7.0	6.0	151	37.2	150	38.4	150	39.5	150	40.0	150	40.6	149	41.7
		9.0	7.9	156	37.9	156	39.0	155	40.1	155	40.6	155	41.2	155	42.2
		11.0	9.8	161	38.6	161	39.6	160	40.7	160	41.2	160	41.7	160	42.7
		13.0	11.8	167	39.2	166	40.2	166	41.2	166	41.7	166	42.2	164	42.8
		15.0	13.7	172	39.8	172	40.8	171	41.7	171	42.2	171	42.7	164	41.2
120	1,380	-19.8	-20.0	78.4	20.9	78.1	23.0	77.8	25.0	77.6	26.0	77.5	27.0	77.2	29.1
		-18.8	-19.0	81.2	22.2	80.8	24.2	80.5	26.1	80.4	27.1	80.2	28.1	79.9	30.1
		-16.7	-17.0	86.7	24.6	86.4	26.4	86.1	28.2	85.9	29.1	85.8	30.0	85.5	31.9
		-14.7	-15.0	92.2	26.6	91.9	28.3	91.6	30.0	91.4	30.9	91.3	31.7	91.0	33.5
		-12.6	-13.0	97.7	28.4	97.4	30.0	97.1	31.6	97.0	32.4	96.8	33.2	96.5	34.9
		-10.5	-11.0	103	30.0	103	31.5	103	33.1	102	33.8	102	34.6	102	36.1
		-9.5	-10.0	106	30.8	106	32.2	105	33.7	105	34.5	105	35.2	105	36.7
		-8.5	-9.1	108	31.4	108	32.8	108	34.3	108	35.0	108	35.7	107	37.2
		-7.0	-7.6	113	32.4	112	33.8	112	35.1	112	35.8	112	36.5	111	37.9
		-5.0	-5.6	118	33.6	118	34.9	118	36.2	117	36.9	117	37.5	117	38.8
		-3.0	-3.7	123	34.6	123	35.9	123	37.1	123	37.8	122	38.4	122	39.7
		0.0	-0.7	132	36.1	131	37.3	131	38.4	131	39.0	131	39.6	130	40.8
		3.0	2.2	140	37.3	139	38.4	139	39.5	139	40.1	139	40.6	138	41.8
		5.0	4.1	145	38.1	145	39.1	144	40.2	144	40.7	144	41.3	144	42.3
		7.0	6.0	150	38.8	150	39.8	150	40.8	149	41.3	149	41.8	149	42.9
		9.0	7.9	155	39.4	155	40.4	155	41.4	155	41.9	155	42.4	152	42.2
		11.0	9.8	161	40.0	160	40.9	160	41.9	160	42.4	160	42.9	152	40.6
		13.0	11.8	166	40.6	166	41.5	166	42.4	165	42.9	163	42.3	152	38.9
		15.0	13.7	171	41.1	171	42.0	171	42.9	168	42.4	163	40.8	152	37.5
110	1,265	-19.8	-20.0	77.9	23.9	77.7	25.8	77.4	27.6	77.2	28.6	77.1	29.5	76.8	31.4
		-18.8	-19.0	80.7	25.1	80.4	26.9	80.1	28.7	80.0	29.6	79.9	30.5	79.6	32.3
		-16.7	-17.0	86.2	27.2	85.9	28.9	85.7	30.6	85.5	31.4	85.4	32.3	85.1	33.9
		-14.7	-15.0	91.8	29.1	91.5	30.7	91.2	32.3	91.0	33.0	90.9	33.8	90.6	35.4
		-12.6	-13.0	97.3	30.8	97.0	32.3	96.7	33.7	96.6	34.5	96.4	35.2	96.2	36.7
		-10.5	-11.0	103	32.2	103	33.6	102	35.0	102	35.7	102	36.4	102	37.8
		-9.5	-10.0	106	32.9	105	34.3	105	35.6	105	36.3	105	37.0	104	38.3
		-8.5	-9.1	108	33.5	108	34.8	107	36.1	107	36.8	107	37.5	107	38.8
		-7.0	-7.6	112	34.4	112	35.7	112	36.9	111	37.6	111	38.2	111	39.5
		-5.0	-5.6	118	35.5	117	36.7	117	37.9	117	38.5	117	39.1	117	40.3
		-3.0	-3.7	123	36.5	123	37.6	122	38.8	122	39.3	122	39.9	122	41.1
		0.0	-0.7	131	37.8	131	38.9	131	40.0	131	40.5	130	41.0	130	42.1
		3.0	2.2	139	38.9	139	40.0	139	41.0	139	41.5	138	42.0	138	43.0
		5.0	4.1	145	39.6	144	40.6	144	41.6	144	42.1	144	42.6	139	41.5
		7.0	6.0	150	40.3	149	41.2	149	42.1	149	42.6	149	43.1	139	39.7
		9.0	7.9	155	40.8	155	41.8	154	42.7	154	43.1	149	41.4	139	38.1
		11.0	9.8	160	41.4	160	42.3	160	43.1	154	41.4	149	39.8	139	36.6
		13.0	11.8	166	41.9	165	42.8	160	41.3	154	39.7	149	38.2	139	35.2
		15.0	13.7	171	42.4	170	42.8	160	39.8	154	38.3	149	36.8	139	33.9

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	1,150	-19.8	-20.0	77.5	26.9	77.2	28.6	77.0	30.3	76.9	31.1	76.7	32.0	76.5	33.7
		-18.8	-19.0	80.3	28.0	80.0	29.6	79.7	31.2	79.6	32.0	79.5	32.9	79.2	34.5
		-16.7	-17.0	85.8	29.9	85.5	31.4	85.3	33.0	85.1	33.7	85.0	34.5	84.8	36.0
		-14.7	-15.0	91.3	31.6	91.0	33.1	90.8	34.5	90.7	35.2	90.5	35.9	90.3	37.3
		-12.6	-13.0	96.8	33.1	96.6	34.5	96.3	35.8	96.2	36.5	96.1	37.2	95.8	38.5
		-10.5	-11.0	102	34.5	102	35.7	102	37.0	102	37.6	102	38.3	101	39.5
		-9.5	-10.0	105	35.1	105	36.3	105	37.5	104	38.2	104	38.8	104	40.0
		-8.5	-9.1	108	35.6	107	36.8	107	38.0	107	38.6	107	39.2	107	40.4
		-7.0	-7.6	112	36.4	111	37.6	111	38.7	111	39.3	111	39.9	111	41.1
		-5.0	-5.6	117	37.4	117	38.5	117	39.6	117	40.2	116	40.7	116	41.8
		-3.0	-3.7	123	38.3	122	39.3	122	40.4	122	40.9	122	41.5	121	42.5
		0.0	-0.7	131	39.5	131	40.5	130	41.5	130	42.0	130	42.5	126	41.7
		3.0	2.2	139	40.6	139	41.5	138	42.4	138	42.9	136	42.2	126	38.8
		5.0	4.1	144	41.2	144	42.1	144	43.0	140	42.0	136	40.3	126	37.1
		7.0	6.0	149	41.8	149	42.6	145	41.8	140	40.2	136	38.6	126	35.5
		9.0	7.9	155	42.3	154	43.1	145	40.0	140	38.5	136	37.0	126	34.1
		11.0	9.8	160	42.8	154	41.4	145	38.5	140	37.0	136	35.6	126	32.8
		13.0	11.8	164	42.6	154	39.7	145	36.9	140	35.6	136	34.2	126	31.6
		15.0	13.7	164	41.0	154	38.3	145	35.6	140	34.3	136	33.0	126	30.4
90	1,035	-19.8	-20.0	77.0	29.8	76.8	31.4	76.6	32.9	76.5	33.7	76.4	34.4	76.1	35.9
		-18.8	-19.0	79.8	30.8	79.6	32.3	79.3	33.8	79.2	34.5	79.1	35.2	78.9	36.7
		-16.7	-17.0	85.3	32.6	85.1	34.0	84.9	35.3	84.8	36.0	84.6	36.7	84.4	38.1
		-14.7	-15.0	90.9	34.1	90.6	35.4	90.4	36.7	90.3	37.3	90.2	38.0	89.9	39.3
		-12.6	-13.0	96.4	35.5	96.1	36.7	95.9	37.9	95.8	38.5	95.7	39.1	95.5	40.3
		-10.5	-11.0	102	36.7	102	37.8	101	39.0	101	39.5	101	40.1	101	41.2
		-9.5	-10.0	105	37.2	104	38.4	104	39.5	104	40.0	104	40.6	104	41.7
		-8.5	-9.1	107	37.7	107	38.8	107	39.9	107	40.4	106	41.0	106	42.0
		-7.0	-7.6	111	38.5	111	39.5	111	40.5	111	41.1	111	41.6	110	42.6
		-5.0	-5.6	117	39.4	117	40.4	116	41.3	116	41.8	116	42.3	114	42.1
		-3.0	-3.7	122	40.1	122	41.1	122	42.0	121	42.5	121	43.0	114	39.9
		0.0	-0.7	130	41.2	130	42.1	130	43.0	126	41.7	122	40.0	114	36.8
		3.0	2.2	138	42.2	138	43.0	131	40.3	126	38.8	122	37.2	114	34.3
		5.0	4.1	144	42.7	139	41.5	131	38.5	126	37.1	122	35.6	114	32.8
		7.0	6.0	147	42.6	139	39.7	131	36.9	126	35.5	122	34.2	114	31.5
		9.0	7.9	147	40.8	139	38.1	131	35.4	126	34.1	122	32.8	114	30.3
		11.0	9.8	147	39.2	139	36.6	131	34.0	126	32.8	122	31.6	114	29.2
		13.0	11.8	147	37.6	139	35.1	131	32.7	126	31.5	122	30.4	114	28.1
		15.0	13.7	147	36.2	139	33.9	131	31.6	126	30.4	122	29.3	114	27.1
80	920	-19.8	-20.0	76.6	32.8	76.4	34.2	76.2	35.5	76.1	36.2	76.0	36.9	75.8	38.2
		-18.8	-19.0	79.4	33.7	79.2	35.0	79.0	36.3	78.8	37.0	78.7	37.6	78.5	38.9
		-16.7	-17.0	84.9	35.3	84.7	36.5	84.5	37.7	84.4	38.3	84.3	38.9	84.1	40.1
		-14.7	-15.0	90.4	36.6	90.2	37.8	90.0	38.9	89.9	39.5	89.8	40.1	89.6	41.2
		-12.6	-13.0	95.9	37.8	95.7	38.9	95.5	40.0	95.4	40.5	95.3	41.1	95.1	42.1
		-10.5	-11.0	101	38.9	101	39.9	101	40.9	101	41.4	101	42.0	101	43.0
		-9.5	-10.0	104	39.4	104	40.4	104	41.4	104	41.9	104	42.4	101	41.9
		-8.5	-9.1	107	39.8	106	40.8	106	41.8	106	42.2	106	42.7	101	40.7
		-7.0	-7.6	111	40.5	111	41.4	110	42.3	110	42.8	109	42.2	101	38.8
		-5.0	-5.6	116	41.3	116	42.2	116	43.1	112	41.4	109	39.8	101	36.6
		-3.0	-3.7	122	42.0	121	42.8	116	40.8	112	39.3	109	37.7	101	34.7
		0.0	-0.7	130	43.0	123	40.5	116	37.7	112	36.3	109	34.9	101	32.2
		3.0	2.2	131	40.4	123	37.7	116	35.1	112	33.8	109	32.5	101	30.0
		5.0	4.1	131	38.6	123	36.1	116	33.6	112	32.4	109	31.2	101	28.8
		7.0	6.0	131	37.0	123	34.6	116	32.2	112	31.1	109	29.9	101	27.7
		9.0	7.9	131	35.5	123	33.2	116	31.0	112	29.9	109	28.8	101	26.6
		11.0	9.8	131	34.2	123	32.0	116	29.8	112	28.8	109	27.7	101	25.7
		13.0	11.8	131	32.8	123	30.7	116	28.7	112	27.7	109	26.7	101	24.7
		15.0	13.7	131	31.7	123	29.7	116	27.7	112	26.7	109	25.8	101	23.9

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	805	-19.8	-20.0	76.1	35.8	76.0	37.0	75.8	38.2	75.7	38.8	75.6	39.4	75.4	40.5
		-18.8	-19.0	78.9	36.6	78.7	37.7	78.6	38.9	78.5	39.4	78.4	40.0	78.2	41.1
		-16.7	-17.0	84.4	37.9	84.3	39.0	84.1	40.1	84.0	40.6	83.9	41.1	83.7	42.2
		-14.7	-15.0	90.0	39.1	89.8	40.1	89.6	41.1	89.5	41.6	89.4	42.1	88.5	42.5
		-12.6	-13.0	95.5	40.2	95.3	41.1	95.1	42.1	95.0	42.5	94.9	43.0	88.5	39.5
		-10.5	-11.0	101	41.1	101	42.0	101	42.9	98.2	41.8	95.0	40.2	88.5	36.9
		-9.5	-10.0	104	41.6	104	42.4	102	42.1	98.2	40.4	95.0	38.9	88.5	35.8
		-8.5	-9.1	106	41.9	106	42.8	102	40.9	98.2	39.3	95.0	37.8	88.5	34.8
		-7.0	-7.6	110	42.5	108	42.0	102	39.0	98.2	37.5	95.0	36.1	88.5	33.3
		-5.0	-5.6	115	42.4	108	39.6	102	36.8	98.2	35.4	95.0	34.1	88.5	31.4
		-3.0	-3.7	115	40.2	108	37.5	102	34.9	98.2	33.6	95.0	32.4	88.5	29.9
		0.0	-0.7	115	37.1	108	34.7	102	32.3	98.2	31.1	95.0	30.0	88.5	27.7
		3.0	2.2	115	34.6	108	32.4	102	30.2	98.2	29.1	95.0	28.0	88.5	26.0
		5.0	4.1	115	33.1	108	31.0	102	28.9	98.2	27.9	95.0	26.9	88.5	24.9
		7.0	6.0	115	31.8	108	29.8	102	27.8	98.2	26.8	95.0	25.9	88.5	24.0
		9.0	7.9	115	30.5	108	28.6	102	26.7	98.2	25.8	95.0	24.9	88.5	23.1
		11.0	9.8	115	29.4	108	27.6	102	25.8	98.2	24.9	95.0	24.0	88.5	22.3
		13.0	11.8	115	28.3	108	26.6	102	24.8	98.2	24.0	95.0	23.2	88.5	21.5
		15.0	13.7	115	27.3	108	25.7	102	24.0	98.2	23.2	95.0	22.4	88.5	20.8
60	690	-19.8	-20.0	75.7	38.8	75.5	39.8	75.4	40.8	75.3	41.3	75.2	41.8	75.1	42.8
		-18.8	-19.0	78.5	39.4	78.3	40.4	78.2	41.4	78.1	41.9	78.0	42.4	75.8	41.6
		-16.7	-17.0	84.0	40.6	83.8	41.5	83.7	42.4	83.6	42.9	81.4	41.7	75.8	38.3
		-14.7	-15.0	89.5	41.6	89.4	42.5	87.0	41.7	84.2	40.1	81.4	38.5	75.8	35.5
		-12.6	-13.0	95.0	42.6	92.6	41.7	87.0	38.8	84.2	37.3	81.4	35.9	75.8	33.1
		-10.5	-11.0	98.2	41.8	92.6	39.0	87.0	36.2	84.2	34.9	81.4	33.6	75.8	31.0
		-9.5	-10.0	98.2	40.4	92.6	37.7	87.0	35.1	84.2	33.8	81.4	32.5	75.8	30.0
		-8.5	-9.1	98.2	39.3	92.6	36.7	87.0	34.1	84.2	32.9	81.4	31.6	75.8	29.2
		-7.0	-7.6	98.2	37.5	92.6	35.0	87.0	32.6	84.2	31.5	81.4	30.3	75.8	28.0
		-5.0	-5.6	98.2	35.4	92.6	33.1	87.0	30.8	84.2	29.7	81.4	28.7	75.8	26.5
		-3.0	-3.7	98.2	33.6	92.6	31.4	87.0	29.3	84.2	28.3	81.4	27.3	75.8	25.3
		0.0	-0.7	98.2	31.1	92.6	29.2	87.0	27.2	84.2	26.3	81.4	25.4	75.8	23.5
		3.0	2.2	98.2	29.1	92.6	27.3	87.0	25.5	84.2	24.6	81.4	23.8	75.8	22.1
		5.0	4.1	98.2	27.9	92.6	26.2	87.0	24.5	84.2	23.7	81.4	22.8	75.8	21.2
		7.0	6.0	98.2	26.8	92.6	25.2	87.0	23.6	84.2	22.8	81.4	22.0	75.8	20.5
		9.0	7.9	98.2	25.8	92.6	24.2	87.0	22.7	84.2	22.0	81.4	21.2	75.8	19.8
		11.0	9.8	98.2	24.9	92.6	23.4	87.0	21.9	84.2	21.2	81.4	20.5	75.8	19.1
		13.0	11.8	98.2	24.0	92.6	22.6	87.0	21.2	84.2	20.5	81.4	19.8	75.8	18.5
		15.0	13.7	98.2	23.2	92.6	21.8	87.0	20.5	84.2	19.8	81.4	19.2	75.8	17.9
50	575	-19.8	-20.0	75.3	41.8	75.1	42.6	72.5	41.2	70.2	39.7	67.8	38.1	63.2	35.1
		-18.8	-19.0	78.0	42.3	77.2	42.5	72.5	39.5	70.2	38.0	67.8	36.5	63.2	33.6
		-16.7	-17.0	81.8	41.9	77.2	39.1	72.5	36.3	70.2	35.0	67.8	33.7	63.2	31.1
		-14.7	-15.0	81.8	38.8	77.2	36.2	72.5	33.7	70.2	32.5	67.8	31.3	63.2	28.9
		-12.6	-13.0	81.8	36.1	77.2	33.7	72.5	31.4	70.2	30.3	67.8	29.2	63.2	27.0
		-10.5	-11.0	81.8	33.8	77.2	31.6	72.5	29.5	70.2	28.4	67.8	27.4	63.2	25.4
		-9.5	-10.0	81.8	32.7	77.2	30.6	72.5	28.6	70.2	27.6	67.8	26.6	63.2	24.6
		-8.5	-9.1	81.8	31.8	77.2	29.8	72.5	27.8	70.2	26.9	67.8	25.9	63.2	24.0
		-7.0	-7.6	81.8	30.5	77.2	28.5	72.5	26.7	70.2	25.8	67.8	24.8	63.2	23.1
		-5.0	-5.6	81.8	28.8	77.2	27.0	72.5	25.3	70.2	24.4	67.8	23.6	63.2	21.9
		-3.0	-3.7	81.8	27.4	77.2	25.7	72.5	24.1	70.2	23.3	67.8	22.5	63.2	20.9
		0.0	-0.7	81.8	25.5	77.2	24.0	72.5	22.5	70.2	21.7	67.8	21.0	63.2	19.5
		3.0	2.2	81.8	23.9	77.2	22.5	72.5	21.1	70.2	20.4	67.8	19.7	63.2	18.4
		5.0	4.1	81.8	23.0	77.2	21.6	72.5	20.3	70.2	19.6	67.8	19.0	63.2	17.7
		7.0	6.0	81.8	22.1	77.2	20.8	72.5	19.6	70.2	18.9	67.8	18.3	63.2	17.1
		9.0	7.9	81.8	21.3	77.2	20.1	72.5	18.9	70.2	18.3	67.8	17.7	63.2	16.6
		11.0	9.8	81.8	20.6	77.2	19.4	72.5	18.3	70.2	17.7	67.8	17.1	63.2	16.0
		13.0	11.8	81.8	19.9	77.2	18.8	72.5	17.7	70.2	17.1	67.8	16.6	63.2	15.5
		15.0	13.7	81.8	19.3	77.2	18.2	72.5	17.1	70.2	16.6	67.8	16.1	63.2	15.1

Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

PA-48ME3XPQ

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	1,560	-19.8	-20.0	79.6	16.7	79.2	19.0	78.9	21.2	78.7	22.4	78.5	23.5	78.2	25.7
		-18.8	-19.0	82.4	18.1	82.0	20.3	81.7	22.5	81.5	23.6	81.3	24.7	81.0	26.9
		-16.7	-17.0	87.9	20.8	87.6	22.8	87.2	24.8	87.1	25.8	86.9	26.9	86.6	28.9
		-14.7	-15.0	93.5	23.0	93.1	24.9	92.8	26.8	92.6	27.8	92.5	28.7	92.1	30.7
		-12.6	-13.0	99.1	25.0	98.7	26.8	98.4	28.6	98.2	29.5	98.0	30.4	97.7	32.2
		-10.5	-11.0	105	26.8	104	28.5	104	30.2	104	31.0	104	31.9	103	33.6
		-9.5	-10.0	107	27.6	107	29.3	107	30.9	107	31.8	106	32.6	106	34.2
		-8.5	-9.1	110	28.3	110	29.9	109	31.6	109	32.4	109	33.2	109	34.8
		-7.0	-7.6	114	29.4	114	31.0	113	32.5	113	33.3	113	34.1	113	35.6
		-5.0	-5.6	120	30.8	119	32.2	119	33.7	119	34.4	119	35.2	118	36.6
		-3.0	-3.7	125	31.9	125	33.3	124	34.7	124	35.4	124	36.1	124	37.5
		0.0	-0.7	133	33.6	133	34.9	133	36.2	132	36.8	132	37.5	132	38.8
		3.0	2.2	141	34.9	141	36.2	141	37.4	140	38.0	140	38.6	140	39.9
		5.0	4.1	147	35.8	146	36.9	146	38.1	146	38.7	146	39.3	145	40.5
		7.0	6.0	152	36.5	152	37.7	151	38.8	151	39.4	151	40.0	151	41.1
		9.0	7.9	157	37.2	157	38.3	157	39.4	156	40.0	156	40.6	156	41.7
		11.0	9.8	162	37.9	162	39.0	162	40.0	162	40.6	161	41.1	161	42.2
		13.0	11.8	168	38.6	168	39.6	167	40.6	167	41.1	167	41.7	167	42.7
		15.0	13.7	173	39.1	173	40.1	173	41.1	172	41.6	172	42.1	170	42.3
120	1,440	-19.8	-20.0	79.1	19.8	78.8	21.8	78.5	23.9	78.3	25.0	78.2	26.0	77.8	28.1
		-18.8	-19.0	81.9	21.1	81.6	23.1	81.3	25.1	81.1	26.1	80.9	27.1	80.6	29.1
		-16.7	-17.0	87.5	23.5	87.1	25.4	86.8	27.3	86.7	28.2	86.5	29.1	86.2	31.0
		-14.7	-15.0	93.0	25.6	92.7	27.4	92.4	29.1	92.2	30.0	92.1	30.9	91.8	32.6
		-12.6	-13.0	98.6	27.5	98.3	29.1	98.0	30.8	97.8	31.6	97.6	32.4	97.3	34.1
		-10.5	-11.0	104	29.1	104	30.7	104	32.2	103	33.0	103	33.8	103	35.4
		-9.5	-10.0	107	29.9	107	31.4	106	32.9	106	33.7	106	34.4	106	35.9
		-8.5	-9.1	109	30.5	109	32.0	109	33.5	109	34.2	108	35.0	108	36.4
		-7.0	-7.6	114	31.5	113	32.9	113	34.4	113	35.1	113	35.8	112	37.2
		-5.0	-5.6	119	32.8	119	34.1	119	35.5	118	36.1	118	36.8	118	38.2
		-3.0	-3.7	124	33.8	124	35.1	124	36.4	124	37.1	124	37.7	123	39.0
		0.0	-0.7	133	35.3	132	36.5	132	37.7	132	38.4	132	39.0	132	40.2
		3.0	2.2	141	36.6	141	37.7	140	38.9	140	39.5	140	40.0	140	41.2
		5.0	4.1	146	37.4	146	38.5	146	39.6	145	40.1	145	40.7	145	41.8
		7.0	6.0	151	38.1	151	39.1	151	40.2	151	40.7	151	41.2	150	42.3
		9.0	7.9	157	38.7	156	39.8	156	40.8	156	41.3	156	41.8	155	42.8
		11.0	9.8	162	39.3	162	40.3	161	41.3	161	41.8	161	42.3	157	41.7
		13.0	11.8	168	40.0	167	40.9	167	41.9	167	42.3	167	42.8	157	40.0
		15.0	13.7	173	40.5	173	41.4	172	42.3	172	42.8	168	41.9	157	38.5
110	1,320	-19.8	-20.0	78.7	22.8	78.4	24.7	78.1	26.6	77.9	27.6	77.8	28.6	77.5	30.5
		-18.8	-19.0	81.4	24.0	81.1	25.9	80.9	27.7	80.7	28.7	80.6	29.6	80.3	31.4
		-16.7	-17.0	87.0	26.2	86.7	28.0	86.4	29.7	86.3	30.6	86.1	31.4	85.8	33.1
		-14.7	-15.0	92.6	28.2	92.3	29.8	92.0	31.4	91.8	32.2	91.7	33.0	91.4	34.6
		-12.6	-13.0	98.1	29.9	97.8	31.4	97.5	32.9	97.4	33.7	97.3	34.4	97.0	35.9
		-10.5	-11.0	104	31.4	103	32.8	103	34.3	103	35.0	103	35.7	103	37.1
		-9.5	-10.0	106	32.1	106	33.5	106	34.9	106	35.6	106	36.3	105	37.7
		-8.5	-9.1	109	32.7	109	34.0	108	35.4	108	36.1	108	36.8	108	38.1
		-7.0	-7.6	113	33.6	113	34.9	113	36.2	112	36.9	112	37.5	112	38.8
		-5.0	-5.6	119	34.7	118	36.0	118	37.2	118	37.8	118	38.5	118	39.7
		-3.0	-3.7	124	35.7	124	36.9	123	38.1	123	38.7	123	39.3	123	40.5
		0.0	-0.7	132	37.1	132	38.2	132	39.3	132	39.9	131	40.4	131	41.5
		3.0	2.2	140	38.3	140	39.3	140	40.4	140	40.9	140	41.4	139	42.4
		5.0	4.1	146	39.0	145	40.0	145	41.0	145	41.5	145	42.0	144	42.6
		7.0	6.0	151	39.6	151	40.6	150	41.6	150	42.0	150	42.5	144	40.8
		9.0	7.9	156	40.2	156	41.2	156	42.1	156	42.6	154	42.6	144	39.2
		11.0	9.8	162	40.8	161	41.7	161	42.6	160	42.6	154	40.9	144	37.6
		13.0	11.8	167	41.3	167	42.2	165	42.5	160	40.9	154	39.3	144	36.1
		15.0	13.7	172	41.8	172	42.7	165	40.9	160	39.3	154	37.8	144	34.8

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	1,200	-19.8	-20.0	78.2	25.9	77.9	27.6	77.7	29.4	77.5	30.2	77.4	31.1	77.1	32.8
		-18.8	-19.0	81.0	27.0	80.7	28.7	80.4	30.3	80.3	31.2	80.2	32.0	79.9	33.7
		-16.7	-17.0	86.5	29.0	86.3	30.6	86.0	32.1	85.9	32.9	85.7	33.7	85.5	35.3
		-14.7	-15.0	92.1	30.8	91.8	32.2	91.6	33.7	91.4	34.4	91.3	35.1	91.0	36.6
		-12.6	-13.0	97.7	32.3	97.4	33.7	97.1	35.1	97.0	35.7	96.9	36.4	96.6	37.8
		-10.5	-11.0	103	33.7	103	35.0	103	36.3	103	36.9	102	37.6	102	38.9
		-9.5	-10.0	106	34.3	106	35.6	105	36.8	105	37.5	105	38.1	105	39.4
		-8.5	-9.1	109	34.8	108	36.1	108	37.3	108	37.9	108	38.6	107	39.8
		-7.0	-7.6	113	35.7	112	36.9	112	38.1	112	38.7	112	39.3	112	40.4
		-5.0	-5.6	118	36.7	118	37.9	118	39.0	118	39.5	117	40.1	117	41.2
		-3.0	-3.7	124	37.6	123	38.7	123	39.8	123	40.3	123	40.9	122	41.9
		0.0	-0.7	132	38.9	132	39.9	131	40.9	131	41.4	131	41.9	131	42.9
		3.0	2.2	140	39.9	140	40.9	139	41.8	139	42.3	139	42.8	131	39.9
		5.0	4.1	145	40.6	145	41.5	145	42.4	145	42.9	140	41.4	131	38.1
		7.0	6.0	151	41.2	150	42.0	150	42.9	145	41.3	140	39.7	131	36.5
		9.0	7.9	156	41.7	156	42.6	150	41.2	145	39.6	140	38.1	131	35.1
		11.0	9.8	161	42.2	160	42.6	150	39.5	145	38.1	140	36.6	131	33.7
		13.0	11.8	167	42.7	160	40.8	150	38.0	145	36.5	140	35.2	131	32.4
		15.0	13.7	169	42.2	160	39.3	150	36.6	145	35.2	140	33.9	131	31.3
90	1,080	-19.8	-20.0	77.7	28.9	77.5	30.5	77.2	32.1	77.1	32.8	77.0	33.6	76.8	35.2
		-18.8	-19.0	80.5	29.9	80.3	31.4	80.0	33.0	79.9	33.7	79.8	34.5	79.6	36.0
		-16.7	-17.0	86.1	31.7	85.8	33.2	85.6	34.6	85.5	35.3	85.4	36.0	85.1	37.4
		-14.7	-15.0	91.6	33.3	91.4	34.6	91.2	36.0	91.0	36.6	90.9	37.3	90.7	38.6
		-12.6	-13.0	97.2	34.7	97.0	36.0	96.7	37.2	96.6	37.8	96.5	38.4	96.2	39.7
		-10.5	-11.0	103	36.0	103	37.1	102	38.3	102	38.9	102	39.5	102	40.6
		-9.5	-10.0	106	36.5	105	37.7	105	38.8	105	39.4	105	39.9	105	41.1
		-8.5	-9.1	108	37.0	108	38.1	108	39.2	107	39.8	107	40.3	107	41.5
		-7.0	-7.6	112	37.8	112	38.8	112	39.9	112	40.4	112	41.0	111	42.1
		-5.0	-5.6	118	38.7	118	39.7	117	40.7	117	41.2	117	41.8	117	42.8
		-3.0	-3.7	123	39.5	123	40.5	123	41.5	122	41.9	122	42.4	118	41.0
		0.0	-0.7	131	40.6	131	41.5	131	42.5	131	42.8	126	41.1	118	37.8
		3.0	2.2	139	41.6	139	42.5	135	41.4	131	39.8	126	38.3	118	35.3
		5.0	4.1	145	42.2	144	42.6	135	39.6	131	38.1	126	36.6	118	33.8
		7.0	6.0	150	42.7	144	40.8	135	37.9	131	36.5	126	35.1	118	32.4
		9.0	7.9	152	41.9	144	39.1	135	36.4	131	35.1	126	33.7	118	31.1
		11.0	9.8	152	40.3	144	37.6	135	35.0	131	33.7	126	32.5	118	30.0
		13.0	11.8	152	38.7	144	36.1	135	33.6	131	32.4	126	31.2	118	28.9
		15.0	13.7	152	37.2	144	34.8	135	32.4	131	31.3	126	30.1	118	27.9
80	960	-19.8	-20.0	77.3	32.0	77.0	33.4	76.8	34.8	76.7	35.5	76.6	36.2	76.4	37.6
		-18.8	-19.0	80.0	32.9	79.8	34.2	79.6	35.6	79.5	36.2	79.4	36.9	79.2	38.3
		-16.7	-17.0	85.6	34.5	85.4	35.7	85.2	37.0	85.1	37.6	85.0	38.2	84.8	39.5
		-14.7	-15.0	91.2	35.9	91.0	37.1	90.7	38.2	90.6	38.8	90.5	39.4	90.3	40.6
		-12.6	-13.0	96.7	37.1	96.5	38.2	96.3	39.3	96.2	39.9	96.1	40.4	95.9	41.6
		-10.5	-11.0	102	38.2	102	39.3	102	40.3	102	40.8	102	41.4	101	42.4
		-9.5	-10.0	105	38.8	105	39.8	105	40.8	105	41.3	104	41.8	104	42.8
		-8.5	-9.1	108	39.2	107	40.2	107	41.2	107	41.7	107	42.1	105	41.8
		-7.0	-7.6	112	39.9	112	40.8	111	41.8	111	42.2	111	42.7	105	39.9
		-5.0	-5.6	117	40.7	117	41.6	117	42.5	116	42.6	112	40.9	105	37.6
		-3.0	-3.7	123	41.4	122	42.3	120	41.9	116	40.3	112	38.8	105	35.7
		0.0	-0.7	131	42.4	128	41.7	120	38.7	116	37.3	112	35.9	105	33.1
		3.0	2.2	135	41.6	128	38.8	120	36.1	116	34.7	112	33.4	105	30.9
		5.0	4.1	135	39.7	128	37.1	120	34.5	116	33.3	112	32.0	105	29.6
		7.0	6.0	135	38.1	128	35.6	120	33.1	116	31.9	112	30.7	105	28.4
		9.0	7.9	135	36.5	128	34.1	120	31.8	116	30.7	112	29.6	105	27.4
		11.0	9.8	135	35.1	128	32.9	120	30.6	116	29.6	112	28.5	105	26.4
		13.0	11.8	135	33.8	128	31.6	120	29.5	116	28.5	112	27.4	105	25.4
		15.0	13.7	135	32.6	128	30.5	120	28.5	116	27.5	112	26.5	105	24.6

TC: Total Capacity; PI: Power Input

Combination (%)	Capacity Index	Outdoor Air Temp.		Indoor Air Temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	840	-19.8	-20.0	76.8	35.0	76.6	36.3	76.4	37.5	76.3	38.1	76.2	38.7	76.1	39.9
		-18.8	-19.0	79.6	35.8	79.4	37.0	79.2	38.2	79.1	38.8	79.0	39.4	78.8	40.5
		-16.7	-17.0	85.1	37.2	85.0	38.3	84.8	39.4	84.7	40.0	84.6	40.5	84.4	41.6
		-14.7	-15.0	90.7	38.5	90.5	39.5	90.3	40.5	90.2	41.0	90.2	41.6	90.0	42.6
		-12.6	-13.0	96.3	39.6	96.1	40.5	95.9	41.5	95.8	42.0	95.7	42.5	91.5	40.6
		-10.5	-11.0	102	40.5	102	41.4	101	42.3	101	42.8	98.3	41.3	91.5	38.0
		-9.5	-10.0	105	41.0	104	41.9	104	42.7	102	41.6	98.3	39.9	91.5	36.8
		-8.5	-9.1	107	41.4	107	42.2	105	42.0	102	40.4	98.3	38.8	91.5	35.7
		-7.0	-7.6	111	41.9	111	42.8	105	40.1	102	38.6	98.3	37.1	91.5	34.2
		-5.0	-5.6	117	42.7	112	40.7	105	37.8	102	36.4	98.3	35.0	91.5	32.3
		-3.0	-3.7	118	41.3	112	38.6	105	35.9	102	34.6	98.3	33.3	91.5	30.7
		0.0	-0.7	118	38.2	112	35.7	105	33.2	102	32.0	98.3	30.8	91.5	28.5
		3.0	2.2	118	35.6	112	33.3	105	31.0	102	29.9	98.3	28.8	91.5	26.7
		5.0	4.1	118	34.0	112	31.9	105	29.7	102	28.7	98.3	27.7	91.5	25.6
		7.0	6.0	118	32.7	112	30.6	105	28.6	102	27.6	98.3	26.6	91.5	24.6
		9.0	7.9	118	31.4	112	29.4	105	27.5	102	26.5	98.3	25.6	91.5	23.8
		11.0	9.8	118	30.2	112	28.3	105	26.5	102	25.6	98.3	24.7	91.5	22.9
		13.0	11.8	118	29.1	112	27.3	105	25.5	102	24.7	98.3	23.8	91.5	22.1
		15.0	13.7	118	28.1	112	26.4	105	24.7	102	23.9	98.3	23.0	91.5	21.4
60	720	-19.8	-20.0	76.3	38.1	76.2	39.1	76.0	40.2	75.9	40.7	75.9	41.2	75.7	42.3
		-18.8	-19.0	79.1	38.8	79.0	39.8	78.8	40.8	78.7	41.3	78.6	41.8	78.4	42.8
		-16.7	-17.0	84.7	40.0	84.5	40.9	84.4	41.9	84.3	42.3	84.2	42.8	78.4	39.4
		-14.7	-15.0	90.2	41.0	90.1	41.9	89.9	42.8	87.1	41.2	84.2	39.6	78.4	36.5
		-12.6	-13.0	95.8	42.0	95.7	42.8	90.0	39.8	87.1	38.4	84.2	36.9	78.4	34.0
		-10.5	-11.0	101	42.8	95.8	40.1	90.0	37.2	87.1	35.9	84.2	34.5	78.4	31.8
		-9.5	-10.0	102	41.5	95.8	38.8	90.0	36.1	87.1	34.7	84.2	33.4	78.4	30.9
		-8.5	-9.1	102	40.4	95.8	37.7	90.0	35.1	87.1	33.8	84.2	32.5	78.4	30.0
		-7.0	-7.6	102	38.5	95.8	36.0	90.0	33.5	87.1	32.3	84.2	31.1	78.4	28.8
		-5.0	-5.6	102	36.4	95.8	34.0	90.0	31.7	87.1	30.6	84.2	29.5	78.4	27.3
		-3.0	-3.7	102	34.5	95.8	32.3	90.0	30.1	87.1	29.1	84.2	28.0	78.4	26.0
		0.0	-0.7	102	32.0	95.8	30.0	90.0	28.0	87.1	27.0	84.2	26.1	78.4	24.2
		3.0	2.2	102	29.9	95.8	28.0	90.0	26.2	87.1	25.3	84.2	24.4	78.4	22.7
		5.0	4.1	102	28.7	95.8	26.9	90.0	25.2	87.1	24.3	84.2	23.5	78.4	21.8
		7.0	6.0	102	27.5	95.8	25.9	90.0	24.2	87.1	23.4	84.2	22.6	78.4	21.0
		9.0	7.9	102	26.5	95.8	24.9	90.0	23.3	87.1	22.6	84.2	21.8	78.4	20.3
		11.0	9.8	102	25.6	95.8	24.0	90.0	22.5	87.1	21.8	84.2	21.1	78.4	19.6
		13.0	11.8	102	24.7	95.8	23.2	90.0	21.8	87.1	21.1	84.2	20.4	78.4	19.0
		15.0	13.7	102	23.8	95.8	22.4	90.0	21.1	87.1	20.4	84.2	19.7	78.4	18.4
50	600	-19.8	-20.0	75.9	41.2	75.7	42.0	75.0	42.4	72.6	40.8	70.2	39.2	65.4	36.1
		-18.8	-19.0	78.7	41.7	78.5	42.6	75.0	40.6	72.6	39.0	70.2	37.5	65.4	34.6
		-16.7	-17.0	84.2	42.7	79.8	40.2	75.0	37.4	72.6	36.0	70.2	34.6	65.4	31.9
		-14.7	-15.0	84.6	39.8	79.8	37.2	75.0	34.6	72.6	33.4	70.2	32.1	65.4	29.7
		-12.6	-13.0	84.6	37.1	79.8	34.7	75.0	32.3	72.6	31.1	70.2	30.0	65.4	27.8
		-10.5	-11.0	84.6	34.7	79.8	32.5	75.0	30.3	72.6	29.2	70.2	28.2	65.4	26.1
		-9.5	-10.0	84.6	33.6	79.8	31.5	75.0	29.4	72.6	28.3	70.2	27.3	65.4	25.3
		-8.5	-9.1	84.6	32.7	79.8	30.6	75.0	28.6	72.6	27.6	70.2	26.6	65.4	24.7
		-7.0	-7.6	84.6	31.3	79.8	29.3	75.0	27.4	72.6	26.5	70.2	25.5	65.4	23.7
		-5.0	-5.6	84.6	29.6	79.8	27.8	75.0	26.0	72.6	25.1	70.2	24.2	65.4	22.5
		-3.0	-3.7	84.6	28.2	79.8	26.5	75.0	24.8	72.6	23.9	70.2	23.1	65.4	21.5
		0.0	-0.7	84.6	26.2	79.8	24.6	75.0	23.1	72.6	22.3	70.2	21.6	65.4	20.1
		3.0	2.2	84.6	24.6	79.8	23.1	75.0	21.7	72.6	21.0	70.2	20.3	65.4	18.9
		5.0	4.1	84.6	23.6	79.8	22.2	75.0	20.9	72.6	20.2	70.2	19.5	65.4	18.2
		7.0	6.0	84.6	22.7	79.8	21.4	75.0	20.1	72.6	19.5	70.2	18.8	65.4	17.6
		9.0	7.9	84.6	21.9	79.8	20.7	75.0	19.4	72.6	18.8	70.2	18.2	65.4	17.0
		11.0	9.8	84.6	21.2	79.8	20.0	75.0	18.8	72.6	18.2	70.2	17.6	65.4	16.5
		13.0	11.8	84.6	20.5	79.8	19.3	75.0	18.2	72.6	17.6	70.2	17.1	65.4	16.0
		15.0	13.7	84.6	19.8	79.8	18.7	75.0	17.6	72.6	17.1	70.2	16.5	65.4	15.5

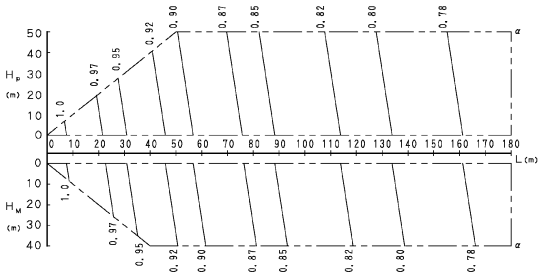
Note:

1. is shown as reference
   When selecting the unit models, avoid the Outdoor air temperature range shown by .

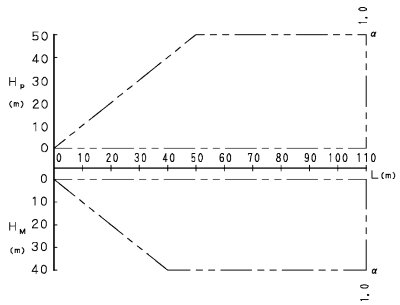
4. Capacity Correction Ratio

4.1 U-8ME3, PA-22ME3

■ **Rate of Change in Cooling Capacity**



■ **Rate of Change in Heating Capacity**



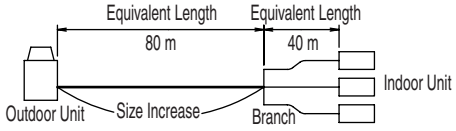
3D042141

Notes:

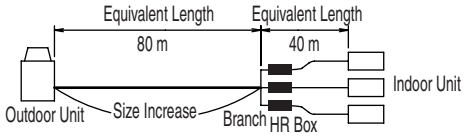
1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
3. Method of calculating cooling / heating capacity (max. capacity for combination with standard indoor unit)
   cooling / heating capacity = cooling / heating capacity obtained from performance characteristics table x each capacity rate of change
   When piping length differs depending on the indoor unit, maximum capacity of each unit during simultaneous operation is:
   cooling / heating capacity = cooling / heating capacity of each unit x capacity rate of change for each piping length
4. When overall equivalent pipe length is 90m or more, the diameter of the main gas pipes (outdoor unit-branch sections) must be increased.
   Diameter of Above Case

Model	Liquid
U-8ME3	ø12.7
PA-22ME3	ø19.1

5. When the main sections of the interunit gas pipe diameters are increased the overall equivalent length should be calculated as follows. (Heating only)
   Overall equivalent length = Equivalent length to main pipe x 0.5 + Equivalent length after branching
   Example



   In the above case (Heating)
   Overall equivalent length = 80m x 0.5 + 40m = 80m
   The correction factor in capacity when H_p = 0m is thus approximately 1.0
6. In the combination which does not include cooling only indoor unit, calculate the equivalent length pipe by the following when you calculate cooling capacity.
   Overall equivalent length = Equivalent length to main pipe x 0.5 + Equivalent length after branching
   Example



   In the above case (Cooling)
   Overall equivalent length = 80m x 0.5 + 40m = 80m
   The correction factor in capacity when H_p = 0m is thus approximately 0.86

Explanation of Symbols:

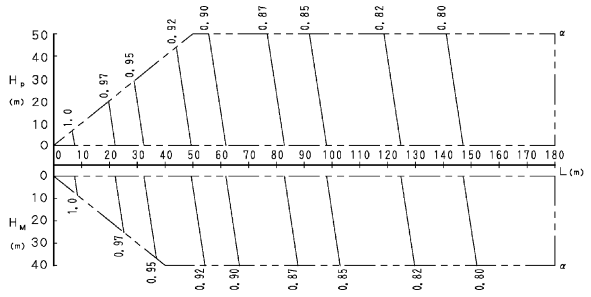
H_p : Level difference (m) between indoor and outdoor units with indoor unit in inferior position
H_M : Level difference (m) between indoor and outdoor units with indoor unit in superior position
L : Equivalent pipe length (m)
α : Capacity correction factor

Diameter of Pipes

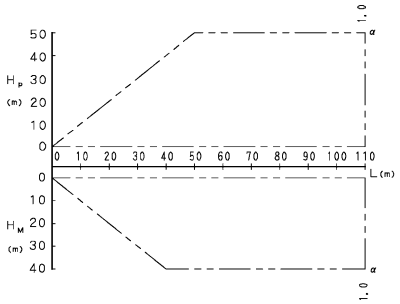
Model	Liquid
U-8ME3	ø9.5
PA-22ME3	ø15.9

4.2 U-10ME3

■ **Rate of Change in Cooling Capacity**



■ **Rate of Change in Heating Capacity**



3D042142

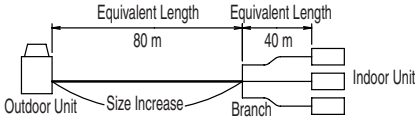
Notes:

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
3. Method of calculating cooling / heating capacity (max. capacity for combination with standard indoor unit)
   cooling / heating capacity = cooling / heating capacity obtained from performance characteristics table x each capacity rate of change
   When piping length differs depending on the indoor unit, maximum capacity of each unit during simultaneous operation is:
   cooling / heating capacity = cooling / heating capacity of each unit x capacity rate of change for each piping length
4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.

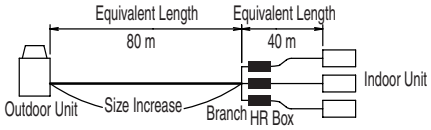
   Diameter of Above Case

Model	Liquid
U-10ME3	ø12.7

5. When the main sections of the interunit gas pipe diameters are increased the overall equivalent length should be calculated as follows. (Heating only)
   Overall equivalent length = Equivalent length to main pipe x 0.5 + Equivalent length after branching
   Example



   In the above case (Heating)
   Overall equivalent length = 80m x 0.5 + 40m = 80m
   The correction factor in capacity when H_p = 0m is thus approximately 0.91
6. In the combination which does not include cooling only indoor unit, calculate the equivalent length pipe by the following when you calculate cooling capacity.
   Overall equivalent length = Equivalent length to main pipe x 0.5 + Equivalent length after branching
   Example



   In the above case (Cooling)
   Overall equivalent length = 80m x 0.5 + 40m = 80m
   The correction factor in capacity when H_p = 0m is thus approximately 0.88

Explanation of Symbols:

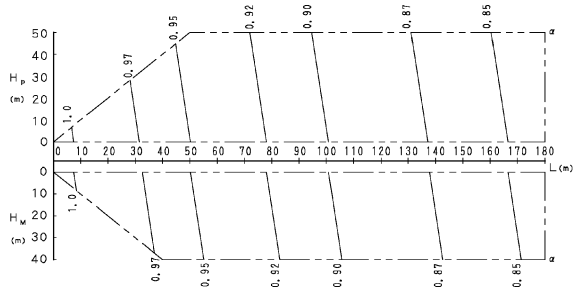
H_p : Level difference (m) between indoor and outdoor units with indoor unit in inferior position
H_M : Level difference (m) between indoor and outdoor units with indoor unit in superior position
L : Equivalent pipe length (m)
α : Capacity correction factor

Diameter of Gas Pipes

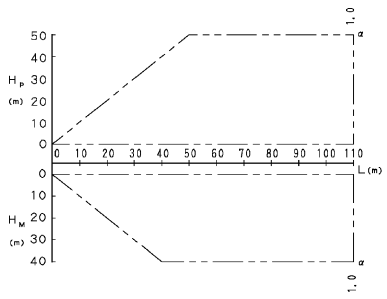
Model	Liquid
U-10ME3	ø9.5

4.3 U-12·14ME3, PA-24·36ME3

■ **Rate of Change in Cooling Capacity**



■ **Rate of Change in Heating Capacity**



3D042143

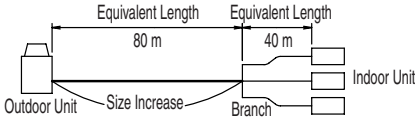
Notes:

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
3. Method of calculating cooling / heating capacity (max. capacity for combination with standard indoor unit)
   cooling / heating capacity = cooling / heating capacity obtained from performance characteristics table x each capacity rate of change
   When piping length differs depending on the indoor unit, maximum capacity of each unit during simultaneous operation is:
   cooling / heating capacity = cooling / heating capacity of each unit x capacity rate of change for each piping length
4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.

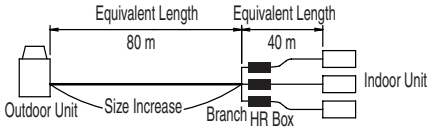
   Diameter of Above Case

Model	Liquid
U-12·14ME3	ø15.9
PA-24ME3	ø19.1
PA-36ME3	ø22.2

5. When the main sections of the interunit gas pipe diameters are increased the overall equivalent length should be calculated as follows. (Heating only)
   Overall equivalent length = Equivalent length to main pipe x 0.5 + Equivalent length after branching
   Example



   In the above case (Heating)
   Overall equivalent length = 80m x 0.5 + 40m = 80m
   The correction factor in capacity when H_p = 0m is thus approximately 1.0
6. In the combination which does not include cooling only indoor unit, calculate the equivalent length pipe by the following when you calculate cooling capacity.
   Overall equivalent length = Equivalent length to main pipe x 0.5 + Equivalent length after branching
   Example



   In the above case (Cooling)
   Overall equivalent length = 80m x 0.5 + 40m = 80m
   The correction factor in capacity when H_p = 0m is thus approximately 0.92

Explanation of Symbols:

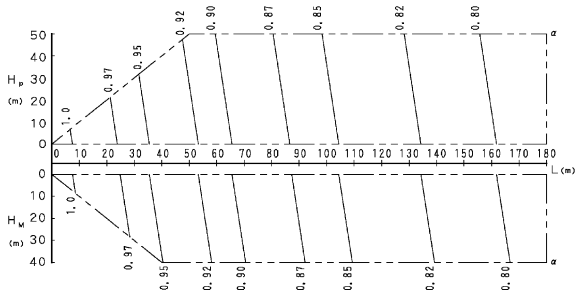
H_p : Level difference (m) between indoor and outdoor units with indoor unit in inferior position
H_M : Level difference (m) between indoor and outdoor units with indoor unit in superior position
L : Equivalent pipe length (m)
α : Capacity correction factor

Diameter of Gas Pipes

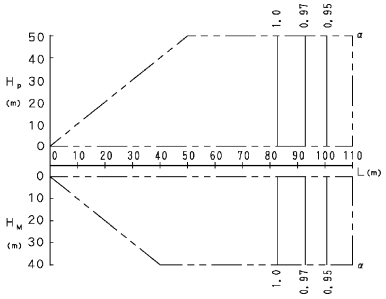
Model	Liquid
U-12·14ME3	ø12.7
PA-24ME3	ø15.9
PA-36ME3	ø19.1

4.4 U-16ME3

■ **Rate of Change in Cooling Capacity**



■ **Rate of Change in Heating Capacity**



3D042144

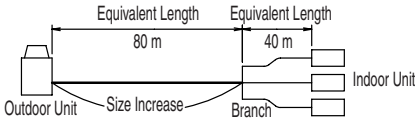
Notes:

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
3. Method of calculating cooling / heating capacity (max. capacity for combination with standard indoor unit)
   cooling / heating capacity = cooling / heating capacity obtained from performance characteristics table x each capacity rate of change
   When piping length differs depending on the indoor unit, maximum capacity of each unit during simultaneous operation is:
   cooling / heating capacity = cooling / heating capacity of each unit x capacity rate of change for each piping length
4. When overall equivalent pipe length is 90m or more, the diameter of the main liquid pipes (outdoor unit-branch sections) must be increased.

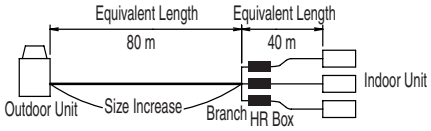
   Diameter of Above Case

Model	Liquid
U-16ME3	ø15.9

5. When the main sections of the interunit gas pipe diameters are increased the overall equivalent length should be calculated as follows. (Heating only)
   Overall equivalent length = Equivalent length to main pipe x 0.5 + Equivalent length after branching
   Example



   In the above case (Heating)
   Overall equivalent length = 80m x 0.5 + 40m = 80m
   The correction factor in capacity when H_p = 0m is thus approximately 1.0
6. In the combination which does not include cooling only indoor unit, calculate the equivalent length pipe by the following when you calculate cooling capacity.
   Overall equivalent length = Equivalent length to main pipe x 0.5 + Equivalent length after branching
   Example



   In the above case (Cooling)
   Overall equivalent length = 80m x 0.5 + 40m = 80m
   The correction factor in capacity when H_p = 0m is thus approximately 0.88

Explanation of Symbols:

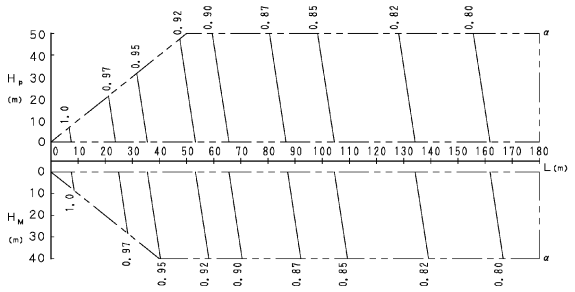
H_p : Level difference (m) between indoor and outdoor units with indoor unit in inferior position
H_M : Level difference (m) between indoor and outdoor units with indoor unit in superior position
L : Equivalent pipe length (m)
α : Capacity correction factor

Diameter of Gas Pipes

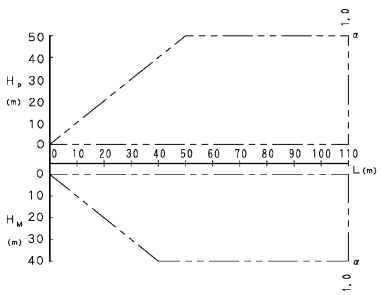
Model	Liquid
U-16ME3	ø12.7

4.5 PA-18·26·28·30·38·40·42·44ME3

■ **Rate of Change in Cooling Capacity**



■ **Rate of Change in Heating Capacity**



3D042145

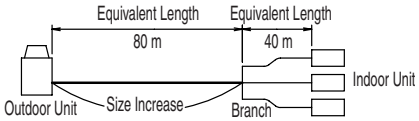
Notes:

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
3. Method of calculating cooling / heating capacity (max. capacity for combination with standard indoor unit)
   cooling / heating capacity = cooling / heating capacity obtained from performance characteristics table x each capacity rate of change
   When piping length differs depending on the indoor unit, maximum capacity of each unit during simultaneous operation is:
   cooling / heating capacity = cooling / heating capacity of each unit x capacity rate of change for each piping length
4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.

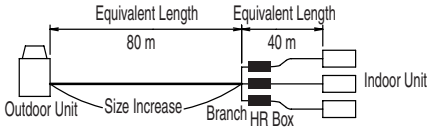
   Diameter of Above Case

Model	Liquid
PA-18ME3	ø19.1
PA-26·28·30·38·40·42·44ME3	ø22.2

5. When the main sections of the interunit gas pipe diameters are increased the overall equivalent length should be calculated as follows. (Heating only)
   Overall equivalent length = Equivalent length to main pipe x 0.5 + Equivalent length after branching
   Example



   In the above case (Heating)
   Overall equivalent length = 80m x 0.5 + 40m = 80m
   The correction factor in capacity when H_p = 0m is thus approximately 1.0
6. In the combination which does not include cooling only indoor unit, calculate the equivalent length pipe by the following when you calculate cooling capacity.
   Overall equivalent length = Equivalent length to main pipe x 0.5 + Equivalent length after branching
   Example



   In the above case (Cooling)
   Overall equivalent length = 80m x 0.5 + 40m = 80m
   The correction factor in capacity when H_p = 0m is thus approximately 0.88

Explanation of Symbols:

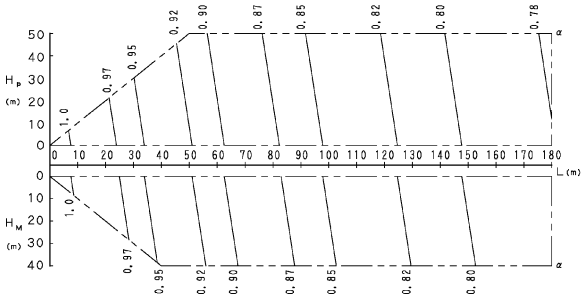
H_p : Level difference (m) between indoor and outdoor units with indoor unit in inferior position
H_M : Level difference (m) between indoor and outdoor units with indoor unit in superior position
L : Equivalent pipe length (m)
α : Capacity correction factor

Diameter of Pipes

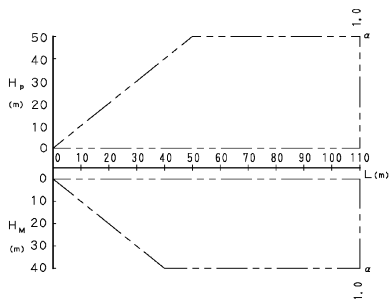
Model	Liquid
PA-18ME3	ø15.9
PA-26·28·30·38·40·42·44ME3	ø19.1

4.6 PA-20·32·34·46ME3

■ **Rate of Change in Cooling Capacity**



■ **Rate of Change in Heating Capacity**



3D042146

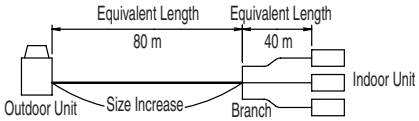
Notes:

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
3. Method of calculating cooling / heating capacity (max. capacity for combination with standard indoor unit)
   cooling / heating capacity = cooling / heating capacity obtained from performance characteristics table x each capacity rate of change
   When piping length differs depending on the indoor unit, maximum capacity of each unit during simultaneous operation is:
   cooling / heating capacity = cooling / heating capacity of each unit x capacity rate of change for each piping length
4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.

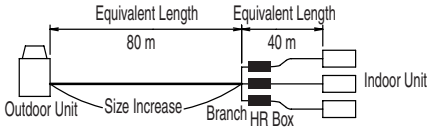
   Diameter of Above Case

Model	Liquid
PA-20ME3	ø19.1
PA-32·34·46ME3	ø22.2

5. When the main sections of the interunit gas pipe diameters are increased the overall equivalent length should be calculated as follows. (Heating only)
   Overall equivalent length = Equivalent length to main pipe x 0.5 + Equivalent length after branching
   Example



   In the above case (Heating)
   Overall equivalent length = 80m x 0.5 + 40m = 80m
   The correction factor in capacity when H_p = 0m is thus approximately 1.0
6. In the combination which does not include cooling only indoor unit, calculate the equivalent length pipe by the following when you calculate cooling capacity.
   Overall equivalent length = Equivalent length to main pipe x 0.5 + Equivalent length after branching
   Example



   In the above case (Cooling)
   Overall equivalent length = 80m x 0.5 + 40m = 80m
   The correction factor in capacity when H_p = 0m is thus approximately 0.87

Explanation of Symbols:

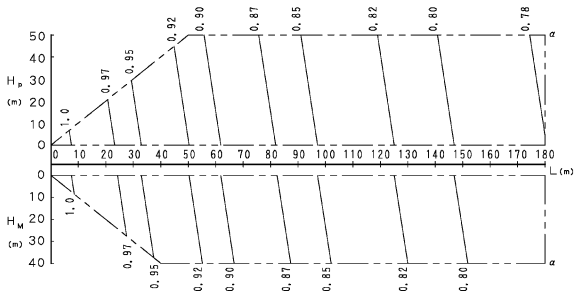
H_p : Level difference (m) between indoor and outdoor units with indoor unit in inferior position
H_M : Level difference (m) between indoor and outdoor units with indoor unit in superior position
L : Equivalent pipe length (m)
α : Capacity correction factor

Diameter of Gas Pipes

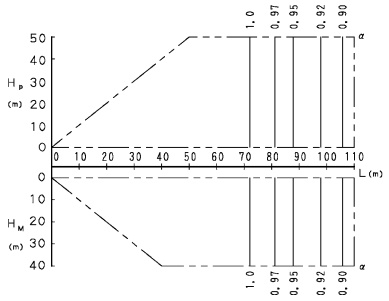
Model	Liquid
PA-20ME3	ø15.9
PA-32·34·46ME3	ø19.1

4.7 PA-48ME3

■ **Rate of Change in Cooling Capacity**



■ **Rate of Change in Heating Capacity**



3D042147

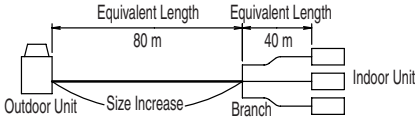
Notes:

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
3. Method of calculating cooling / heating capacity (max. capacity for combination with standard indoor unit)
   cooling / heating capacity = cooling / heating capacity obtained from performance characteristics table x each capacity rate of change
   When piping length differs depending on the indoor unit, maximum capacity of each unit during simultaneous operation is:
   cooling / heating capacity = cooling / heating capacity of each unit x capacity rate of change for each piping length
4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased except for the gas pipe of PA-46ME3.

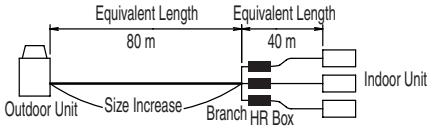
   Diameter of Above Case

Model	Liquid
PA-48ME3	ø22.2

5. When the main sections of the interunit gas pipe diameters are increased the overall equivalent length should be calculated as follows. (Heating only)
   Overall equivalent length = Equivalent length to main pipe x 0.5 + Equivalent length after branching
   Example



   In the above case (Heating)
   Overall equivalent length = 80m x 0.5 + 40m = 80m
   The correction factor in capacity when H_p = 0m is thus approximately 0.97
6. In the combination which does not include cooling only indoor unit, calculate the equivalent length pipe by the following when you calculate cooling capacity.
   Overall equivalent length = Equivalent length to main pipe x 0.5 + Equivalent length after branching
   Example



   In the above case (Cooling)
   Overall equivalent length = 80m x 0.5 + 40m = 80m
   The correction factor in capacity when H_p = 0m is thus approximately 0.87

Explanation of Symbols:

H_p : Level difference (m) between indoor and outdoor units with indoor unit in inferior position
H_M : Level difference (m) between indoor and outdoor units with indoor unit in superior position
L : Equivalent pipe length (m)
α : Capacity correction factor

Diameter of Gas Pipes

Model	Liquid
PA-48ME3	ø19.1

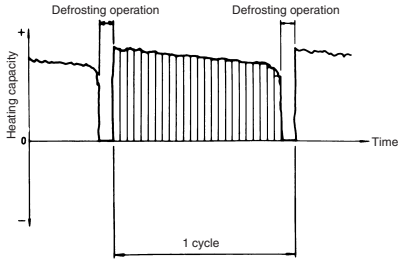
5. Integrated Heating Capacity Coefficient

1 The tables do not take account of the reduction in capacity when frost has accumulated or while the defrosting operation is in progress.
The capacity values which take these factors into account, in other words the integrated heating capacity values, can be calculated as follows:

Formula: Integrated heating capacity = A
Value given in table of capacity characteristics = B
Integrating correction factor for frost accumulation (kW) = C
A = B x C

2 Correction factor for finding integrated heating capacity

Inlet port temperature of heat exchanger (°C/RH 85%)	-7	-5	-3	0	3	5	7
Integrating correction factor for frost accumulation	0.96	0.93	0.87	0.81	0.83	0.89	1.0



Note:

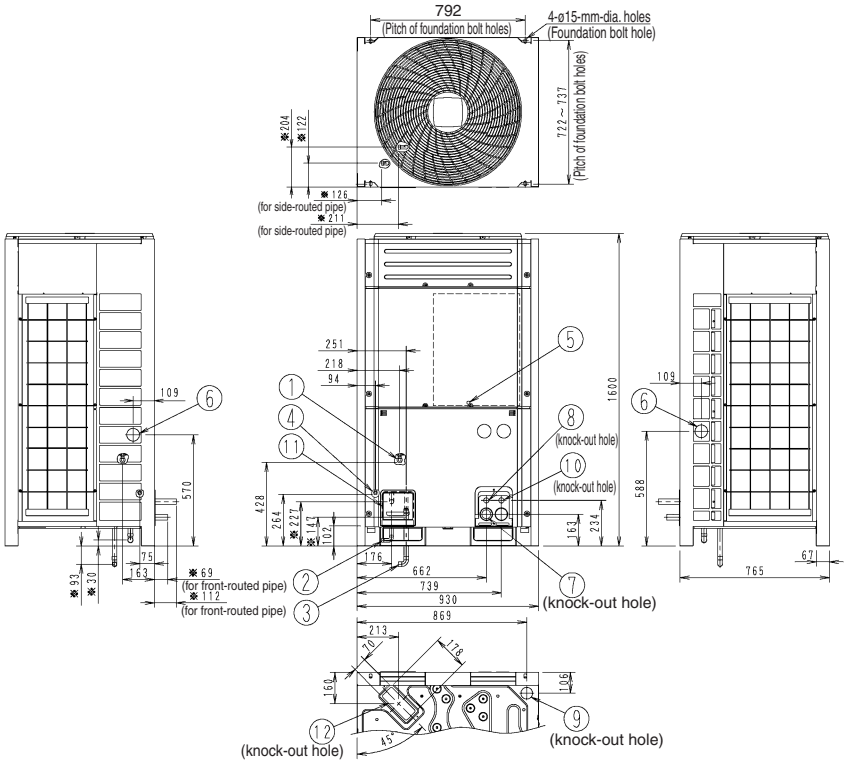
1. The figure shows that the integrated heating capacity expresses the integrated heating capacity for a single cycle (from defrost operation to defrost operation) in terms of time.

3 Please note that when there is an accumulation of snow against the outside surface of the outdoor unit heat exchanger, there will always be a temporary reduction in capacity although this will, of course, vary in degree in accordance with a number of other factors such as the outdoor temperature (°CDB), relative humidity (RH) and the amount of frosting which occurs.

6. Dimensions

6.1 Dimensional Drawings

U-8ME3XPQ
U-10ME3XPQ

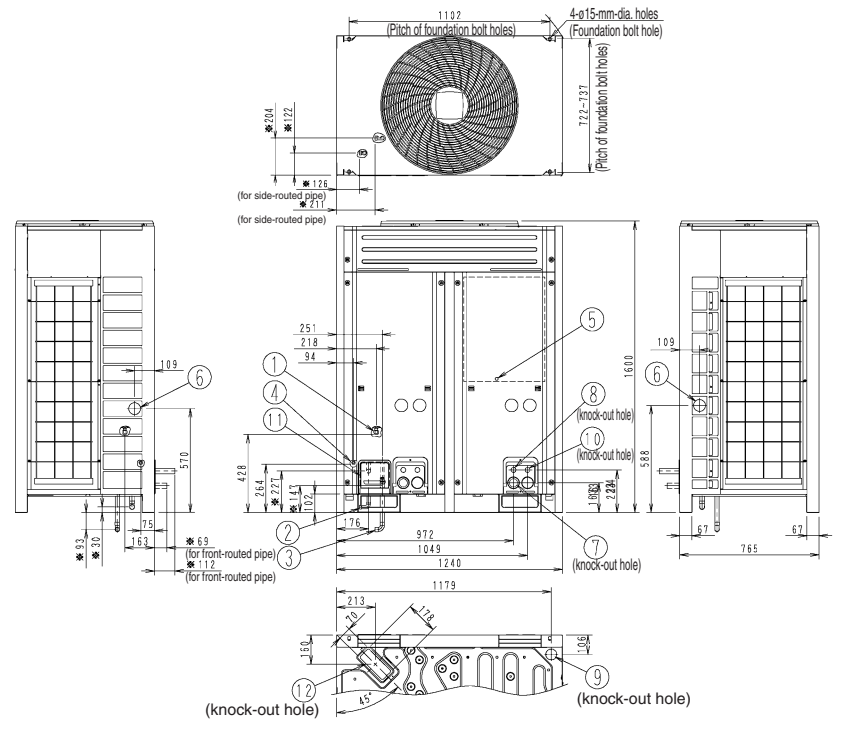


Nr	Part name	Description
1	Liquid pipe connection port	ø 9.5 Flare connection
2	Suction gas pipe connection port	See note 4
3	Discharge gas pipe connection port	See note 5
4	Oil pipe connection port	ø 6.4 Flare connection see note 3
5	Grounding terminal	Inside of switch box (M8)
6	Power cord routing hole (side)	ø 62
7	Power cord routing hole (front)	ø 45
8	Power cord routing hole (front)	ø 27
9	Power cord routing hole (bottom)	ø 50
10	Wire routing hole (front)	ø 27
11	Pipe routing hole (front)	
12	Pipe routing hole (bottom)	See note 2

Notes:
1. The dimensions marked by an asterisk (※) are those with the installation of the provided pipes.
2. Refer to the installation instructions when the pipes are routed through the bottom of the unit.
3. In case of multi connection
4. Suction gas pipe
   ø 19.1 Brazing connection U-8ME3
   ø 22.2 Brazing connection U-10ME3
5. Discharge gas pipe
   ø 15.9 Brazing connection U-8ME3
   ø 19.1 Brazing connection U-10ME3

3D039585

U-12ME3XPQ
U-14ME3XPQ
U-16ME3XPQ



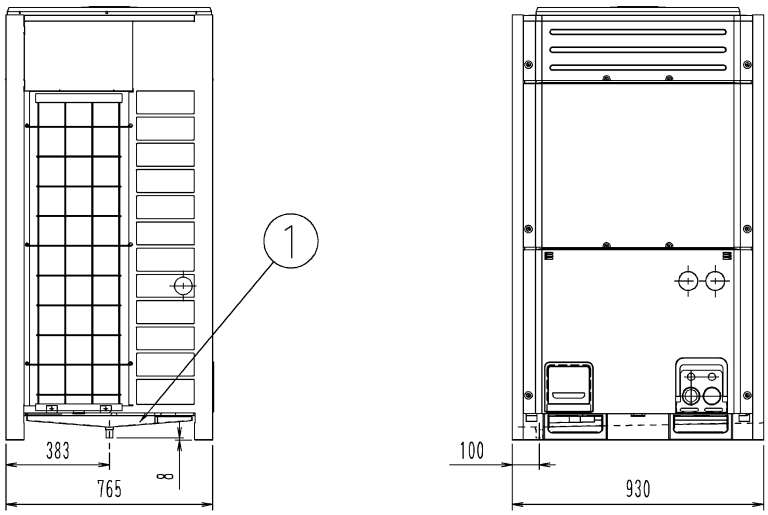
Nr	Part name	Description
1	Liquid pipe connection port	ø 12.7 Flare connection
2	Suction gas pipe connection port	See note 4
3	Discharge gas pipe connection port	See note 5
4	Oil pipe connection port	ø 6.4 Flare connection see note 3
5	Grounding terminal	Inside of switch box (M8)
6	Power cord routing hole (side)	ø 62
7	Power cord routing hole (front)	ø 45
8	Power cord routing hole (front)	ø 27
9	Power cord routing hole (bottom)	ø 50
10	Wire routing hole (front)	ø 27
11	Pipe routing hole (front)	
12	Pipe routing hole (bottom)	See note 2

Notes:
1 The dimensions marked by an asterisk (※) are those with the installation of the provided pipes.
2 Refer to the installation instructions when the pipes are routed through the bottom of the unit.
3 In case of multi connection
4 Suction gas pipe
   ø 28.6 Brazing connection U-12,14,16ME3
5 Discharge gas pipe
   ø 19.1 Brazing connection U-12ME3
   ø 22.2 Brazing connection U-14,16ME3

3D039586

6.2 Dimensional Drawings with Central Drain Pan Kit

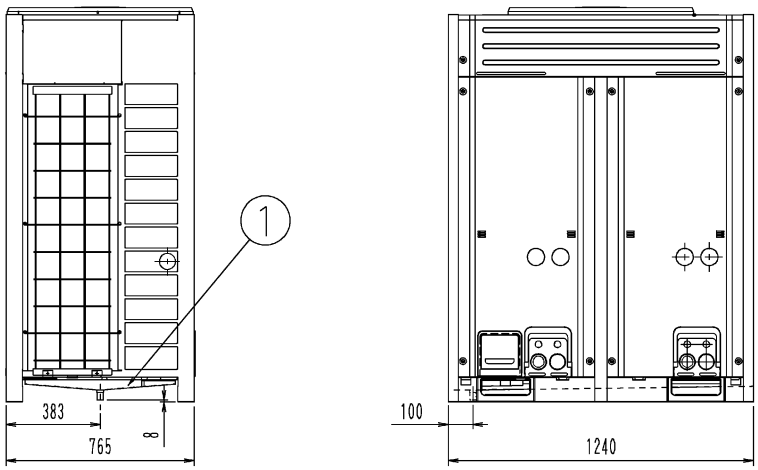
U-8ME3XPQ
U-10ME3XPQ



Nr	Part name	Description
1	Central drain pan kit	KWC26B280

3D041017A

U-12ME3XPQ
U-14ME3XPQ
U-16ME3XPQ

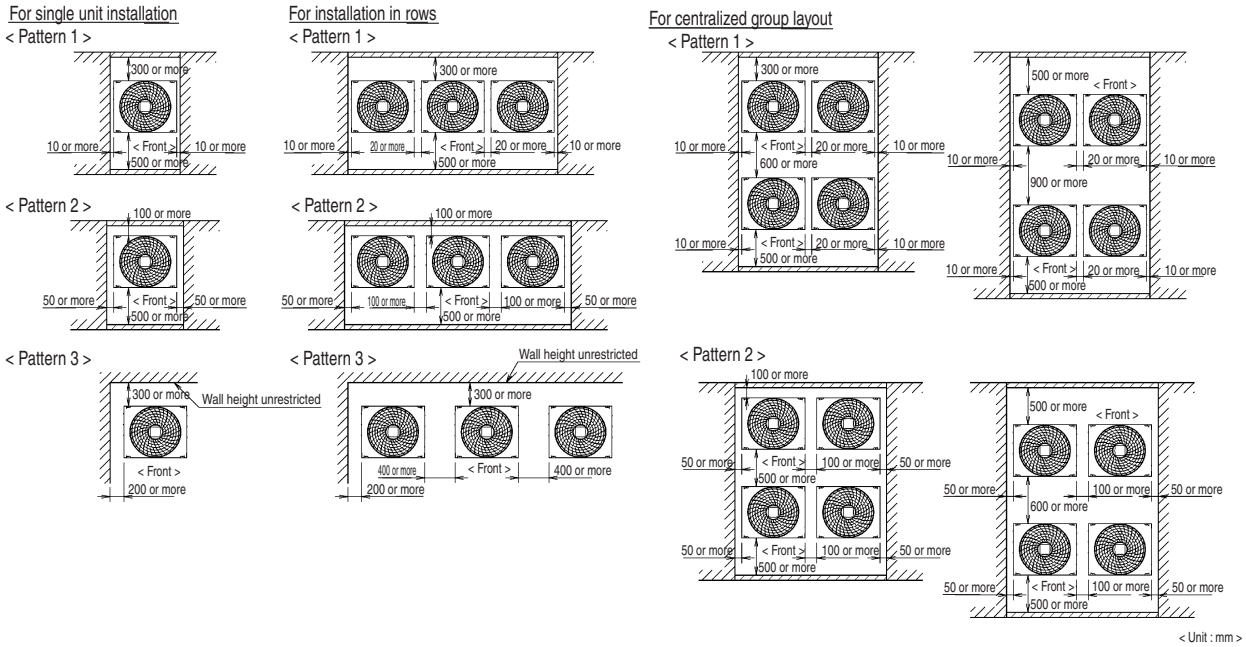


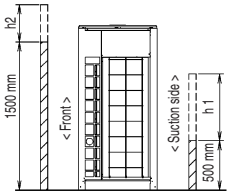
Nr	Part name	Description
1	Central drain pan kit	KWC26B450

3D041018A

6.3 Installation Service Space

U-ME3





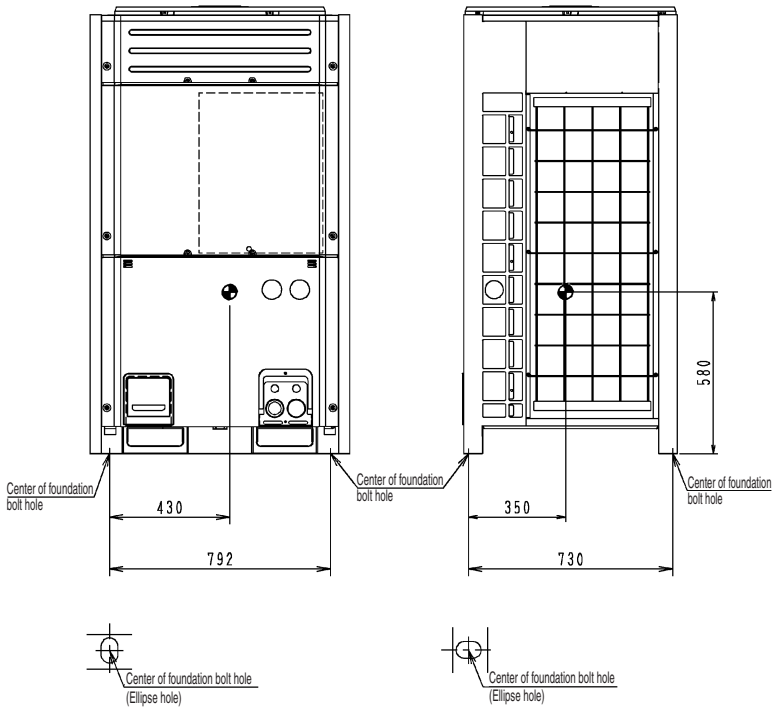
Notes:

1. Wall height in case of patterns 1 and 2:
   Front: 1,500mm
   Suction side: 500mm
   Side: Height unrestricted
2. If the above wall heights are exceeded then h1/2 and h2/2 should be added to the front and suction side service spaces respectively as shown in the figure on the right.
3. When installing the units the most appropriate pattern should be selected from those shown above in order to obtain the best fit in the space available always bearing in mind the need to leave enough room for a person to pass between units and wall and for the air to circulate freely. (If more units are to be installed than are accounted for in the above patterns your layout should take account of the possibility of short circuits.)
4. The units should be installed to leave sufficient space at the front for the on site refrigerant piping work to be carried out comfortably.

3D040335

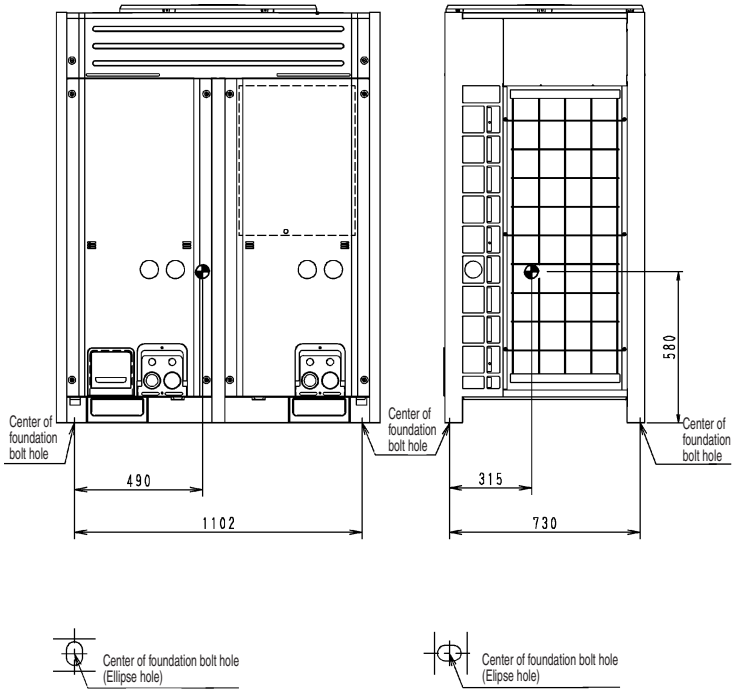
6.4 Centre of Gravity

U-8ME3XPQ
U-10ME3XPQ



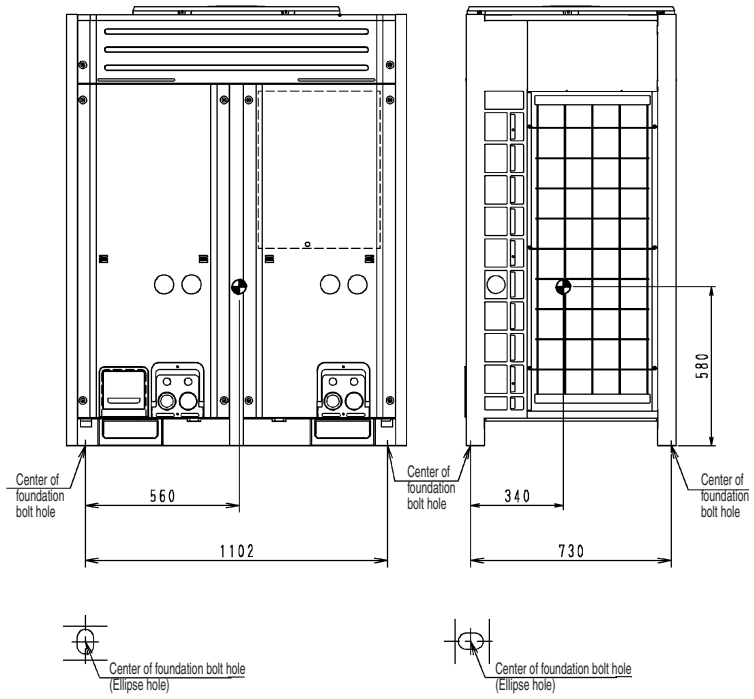
4D042498

U-12ME3XPQ



4D042499

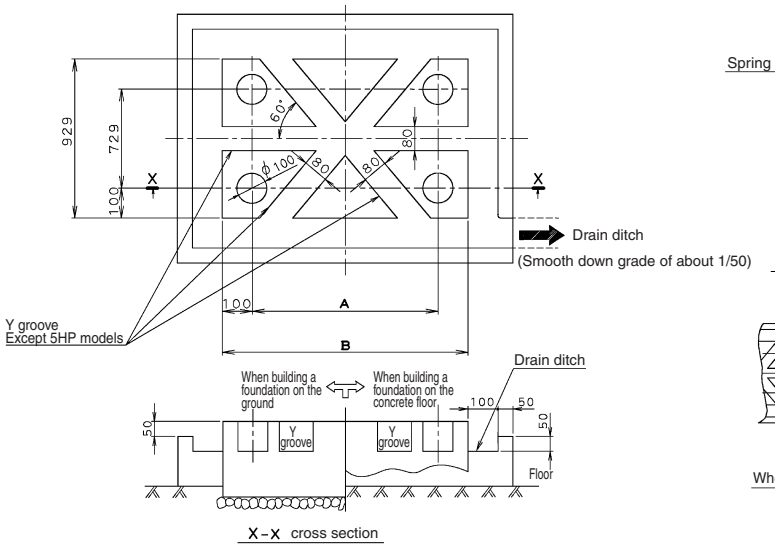
U-14ME3XPQ
U-16ME3XPQ

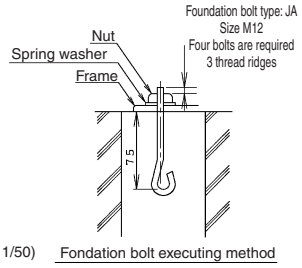


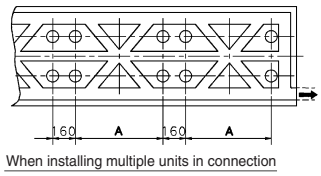
4D042500

6.5 Foundation Drawing

U-ME3







Notes:

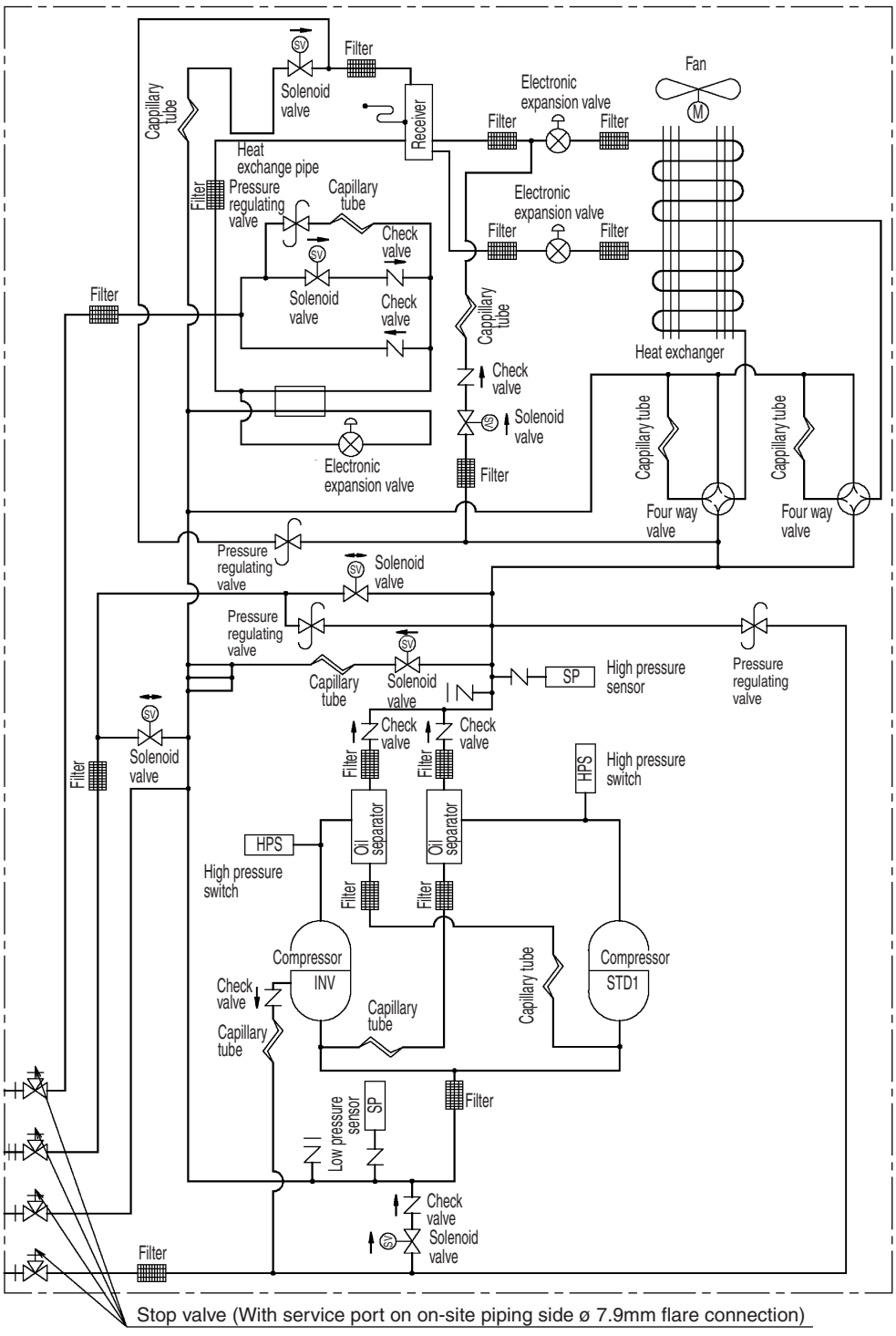
1. The proportions of cement, sand, gravel for concrete shall be 1:2:4 and the reinforcement bars, with diameter 10mm, (approx. 300mm intervals) shall be placed.
2. The surface has to be finished with mortar, The corner edges have to be chamfered.
3. When the foundation is built on a concrete floor, rubble is not necessary. However, the surface of the section on witch the foundation is built has to have rough finish.
4. A drain ditch has to be made around the foundation to thoroughly drain water from the equipment installation area.
5. When installing the equipment on a roof, the floor strength has to be checked, and waterproofing measures have to be taken.
6. Y groove unnecessary for 5HP models.

Model	A	B
5HP	497	697
8HP 10HP	792	992
12HP 14HP 16HP	1,102	1,302

3D040102A

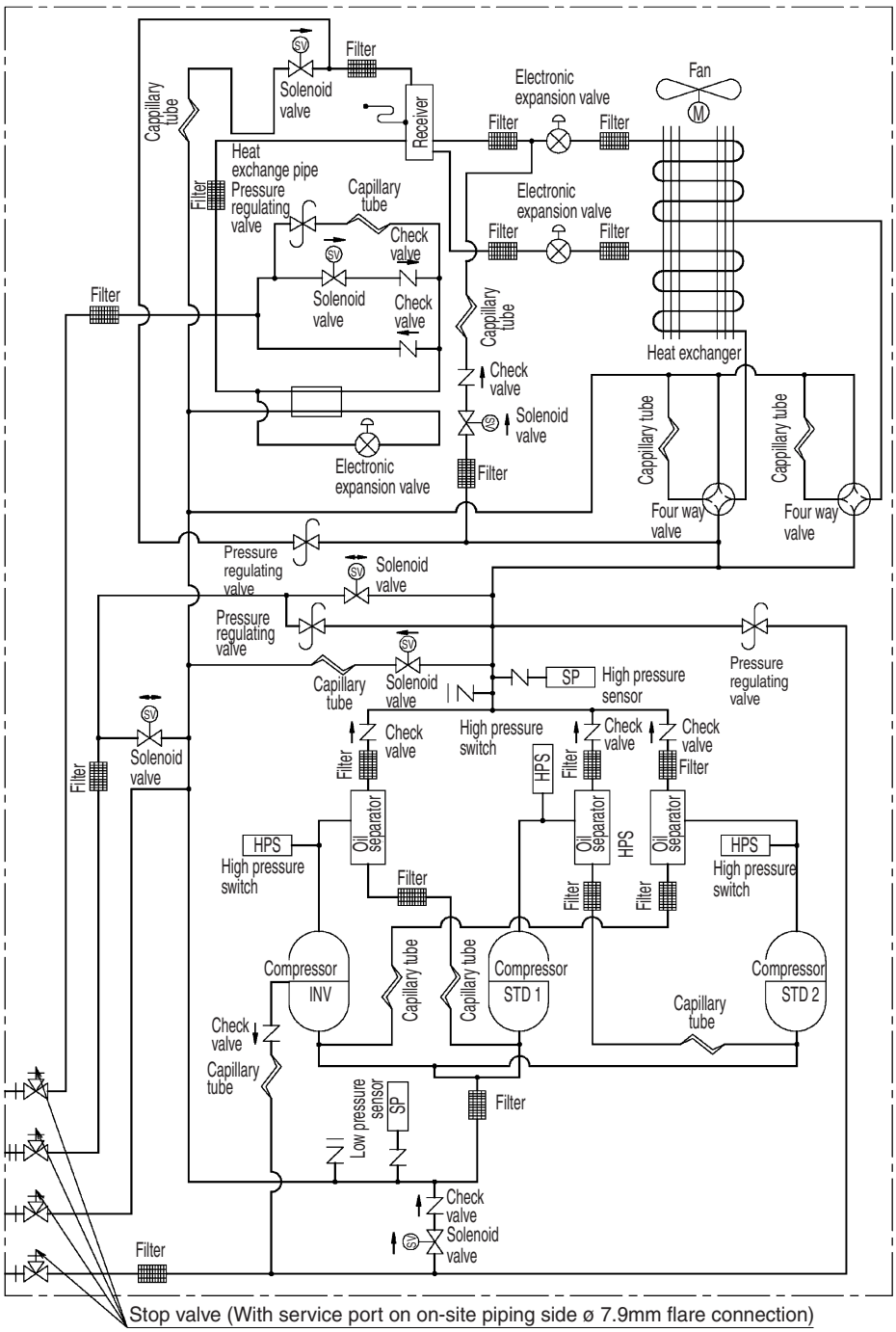
7. Piping Diagrams

U-8ME3XPQ
U-10ME3XPQ
U-12ME3XPQ



4D042069

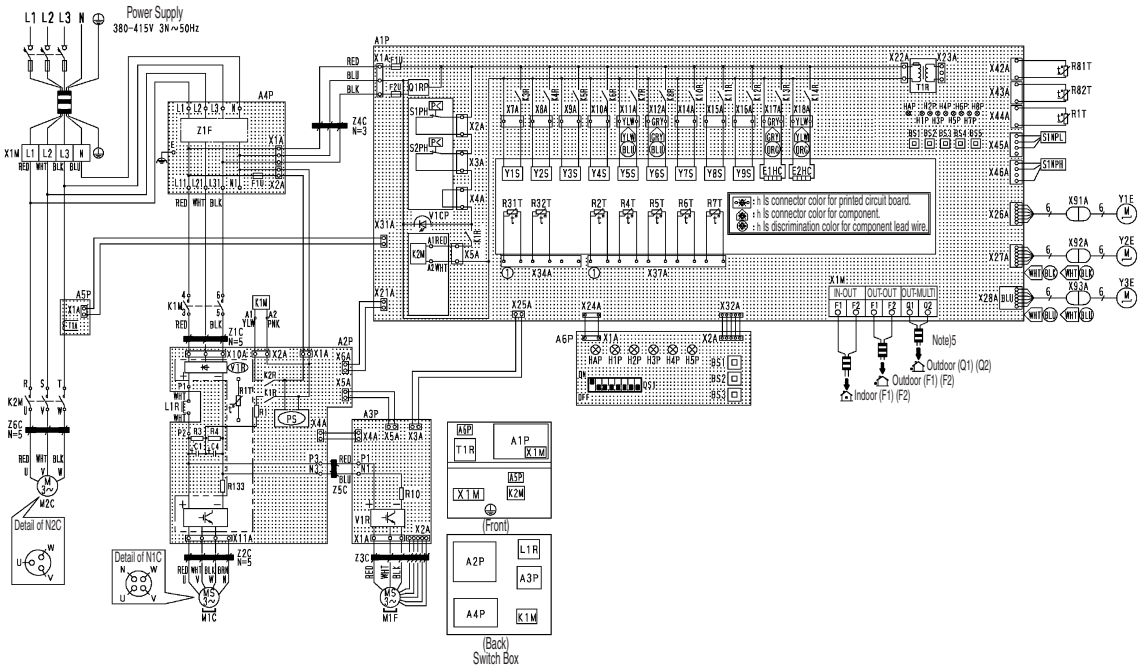
U-14ME3XPQ
U-16ME3XPQ



4D042070

8. Wiring Diagrams

U-8ME3XPQ
U-10ME3XPQ
U-12ME3XPQ



L1-RED	L2-WHT	L3-BLK	N-BLUE

A1P	Printed circuit board (Main)	K5R	Magnetic relay (Y3S)	R81T, 82T	Thermistor (Heat exc, Gas)
A2P	Printed circuit board (Inv)	K6R	Magnetic relay (Y4S)	S1NPH	Pressure sensor (High)
A3P	Printed circuit board (Fan)	K7R	Magnetic relay (Y5S)	S1NPL	Pressure sensor (Low)
A4P	Printed circuit board (Noise filter)	K8R	Magnetic relay (Y6S)	S1PH, 2PH	Pressure switch (High)
A5P	Printed circuit board (Current sensor)	K10R	Magnetic relay (Y7S)	T1A	Current sensor
A6P	Printed circuit board (Transmission)	K11R	Magnetic relay (Y8S)	T1R	Transformer (220-240V/20V)
BS1 ~ 5	Push button switch (A1P) (Mode, Set, Return, Test, Reset)	K12R	Magnetic relay (Y9S)	V1CP	Safety devices input
		K13R	Magnetic relay (E1HC)	V1R	Power module (A2P)
BS1 ~ 3	Push button switch (A6P)	K14R	Magnetic relay (E2HC)	V1R	Power module (A3P)
C1, 4	Capacitor	L1R	Reactor	X1M	Terminal strip (Power supply)
DS1, 2	Dip switch	M1C,2C	Motor (compressor)	X1M	Terminal strip (control) (A1P)
E1HC, 2HC	Crankcase heater	M1F	Motor (Fan)	X91 ~ 93A	Connector
F1U	Fuse (250V, 5A, (B)) (A4P)	PS	Switching power supply	Y1E	Electronic expansion valve (Main)
F1U, 2U	Fuse (250V, 10A, (B)) (A1P)	Q1RP	Phase reversal detect circuit	Y2E	Electronic expansion valve (Sub)
H1P ~ 8P	Pilot lamp (Service monitor-orange) (A1P) [H2P] Prepare, test ..... flickering Malfunction detection .... light up	R1	Resistor (Current limiting)	Y3E	Electronic expansion valve (Subcool)
		R10	Resistor (Current sensor)	Y1S	Solenoid valve (Hot gas)
		R133	Resistor (Current sensor)	Y2S	Solenoid valve (Out-multi oil))
H1P ~ 5P	Pilot lamp (Service monitor-orange) (A6P)	R3, 4	Resistor	Y3S	Solenoid valve (Receiver gas intake)
HAP	Pilot lamp (Service monitor-green) (A1P)	R1T	Thermistor (Air) (A1P)	Y4S	Solenoid valve (Receiver gas purge)
HAP	Pilot lamp (Service monitor-green) (A6P)	R1T	Thermistor (Fin) (A2P)	Y5S	Solenoid valve (Discharge gas pipe)
K1M, 2M	Magnetic contactor (M1C, 2C)	R2T	Thermistor (Suction)	Y6S	Solenoid valve (Liquid pipe)
K1R	Magnetic relay (K2M) (A1P)	R31T, 32T	Thermistor (M1C, 2C Discharge)	Y7S	Solenoid valve (Gas pipe)
K1R	Magnetic relay (A2P)	R4T	Thermistor (Heat exc, Deicer)	Y8S	4 way valve (Main)
K2R	Magnetic relay (K1M)	R5T	Thermistor (Heat exc, Outlet)	Y9S	4 way valve (Sub)
K3R	Magnetic relay (Y1S)	R6T	Thermistor (Liq, pipe receiver)	Z1C~6C	Noise filter (Ferrite core)
K4R	Magnetic relay (Y2S)	R7T	Thermistor (Oil pipe)	Z1F	Noise filter (With surge absorber)

: Field wiring
: Connector
: Terminal
: Terminal strip
: Protective earth (screw)

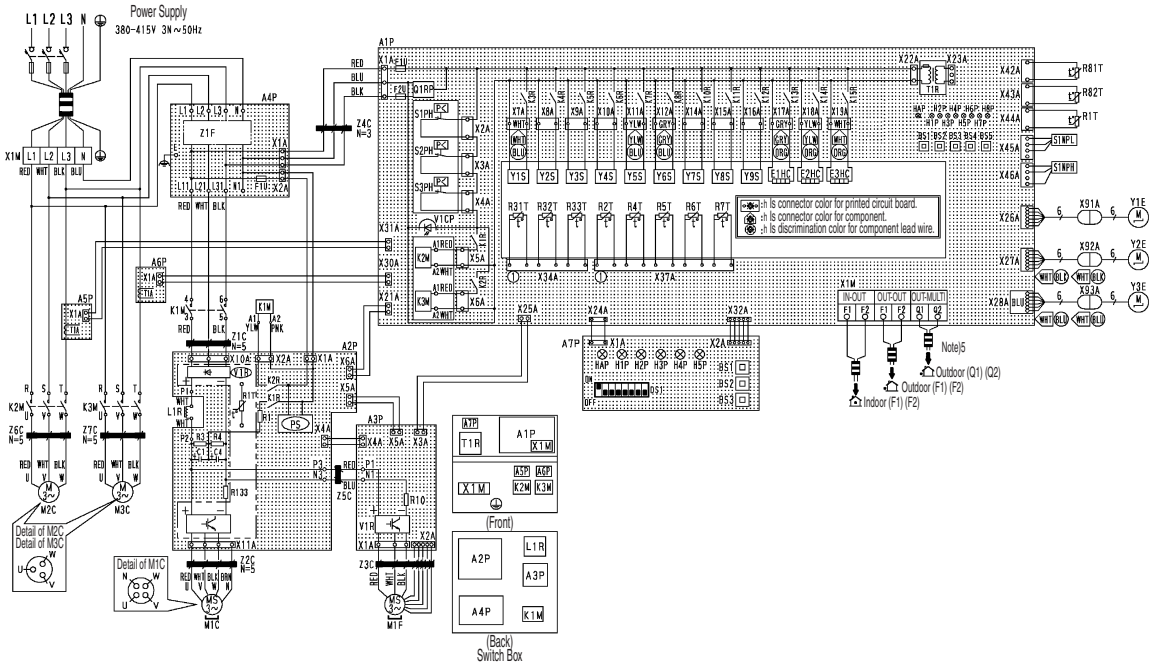
COLORS : BLK : Black ORG : Orange
BLU : Blue RED : Red
BRN : Brown WHT : White
YLW : Yellow GRN : Green

Notes:

1. This wiring diagram is applied only to the outdoor unit.
2. Refer to the installation manual, for connection wiring to indoor-outdoor transmission F1•F2, outdoor-outdoor transmission F1•F2, outdoor-multi transmission Q1•Q2.
3. Refer to “operation caution label” (on switch box cover), how to use BS1-BS5.
4. When operating, don't short circuit for protection device. (S1PH•2PH)

3D038581

U-14ME3XPQ
U-16ME3XPQ



L1-RED	L2-WHT	L3-BLK	N-BLUE				
A1P	Printed circuit board (Main)			K5R	Magnetic relay (Y3S)	R81T, 82T	Thermistor (Heat exc, Gas)
A2P	Printed circuit board (Inv)			K6R	Magnetic relay (Y4S)	S1NPH	Pressure sensor (High)
A3P	Printed circuit board (Fan)			K7R	Magnetic relay (Y5S)	S1NPL	Pressure sensor (Low)
A4P	Printed circuit board (Noise filter)			K8R	Magnetic relay (Y6S)	S1PH1 ~ 3PH	Pressure switch (High)
A5P, A6P	Printed circuit board (Current sensor)			K10R	Magnetic relay (Y7S)	T1A	Current sensor (A5P, A6P)
A7P	Printed circuit board (Transmission)			K11R	Magnetic relay (Y8S)	T1R	Transformer (220-240V/20V)
BS1 ~ 5	Push button switch (A1P) (Mode, Set, Return, Test, Reset)			K12R	Magnetic relay (Y9S)	V1CP	Safety devices input
				K13R	Magnetic relay (E1HC)	V1R	Power module (A2P)
BS1 ~ 3	Push button switch (A7P)			K14R	Magnetic relay (E2HC)	V1R	Power module (A3P)
C1, 4	Capacitor			K15R	Magnetic relay (E3HC)	X1M	Terminal strip (Power supply)
DS1	Dip switch			L1R	Reactor	X1M	Terminal strip (control) (A1P)
E1HC ~ 3HC	Crankcase heater			M1C ~ 3C	Motor (compressor)	X91 ~ 93A	Connector
F1U	Fuse (250V, 5A, (B)) (A4P)			M1F	Motor (Fan)	Y1E	Electronic expansion valve (Main)
F1U, 2U	Fuse (250V, 10A, (B)) (A1P)			PS	Switching power supply	Y2E	Electronic expansion valve (Sub)
H1P ~ 8P	Pilot lamp (Service monitor-orange) (A1P) [H2P] Prepare, test ..... flickering Malfunction detection .... light up			Q1RP	Phase reversal detect circuit	Y3E	Electronic expansion valve (Subcool)
				R1	Resistor (Current limiting)	Y1S	Solenoid valve (Hot gas)
				R10	Resistor (Current sensor)	Y2S	Solenoid valve (Out-multi oil))
H1P ~ 5P	Pilot lamp (Service monitor-orange) (A7P)			R133	Resistor (Current sensor)	Y3S	Solenoid valve (Receiver gas intake)
HAP	Pilot lamp (Service monitor-green) (A1P)			R3, 4	Resistor	Y4S	Solenoid valve (Receiver gas purge)
HAP	Pilot lamp (Service monitor-green) (A7P)			R1T	Thermistor (Air) (A1P)	Y5S	Solenoid valve (Discharge gas pipe)
K1M ~ 3M	Magnetic contactor (M1C, ~ 3C)			R1T	Thermistor (Fin) (A2P)	Y6S	Solenoid valve (Liquid pipe)
K1R	Magnetic relay (K2M) (A1P)			R2T	Thermistor (Suction)	Y7S	Solenoid valve (Gas pipe)
K1R	Magnetic relay (A2P)			R31T ~ 33T	Thermistor (M1C ~ 3C Discharge)	Y8S	4 way valve (Main)
K2R	Magnetic relay (K3M) (A1P)			R4T	Thermistor (Heat exc, Deicer)	Y9S	4 way valve (Sub)
K2R	Magnetic relay (K1M) (A2P)			R5T	Thermistor (Heat exc, Outlet)	Z1C~6C	Noise filter (Ferrite core)
K3R	Magnetic relay (Y1S)			R6T	Thermistor (Liq, pipe receiver)	Z1F	Noise filter (With surge absorber)
K4R	Magnetic relay (Y2S)			R7T	Thermistor (Oil pipe)		

: Field wiring
: Connector
: Terminal
: Terminal strip
: Protective earth (screw)

COLORS : BLK : Black ORG : Orange
BLU : Blue RED : Red
BRN : Brown WHT : White
YLW : Yellow GRN : Green

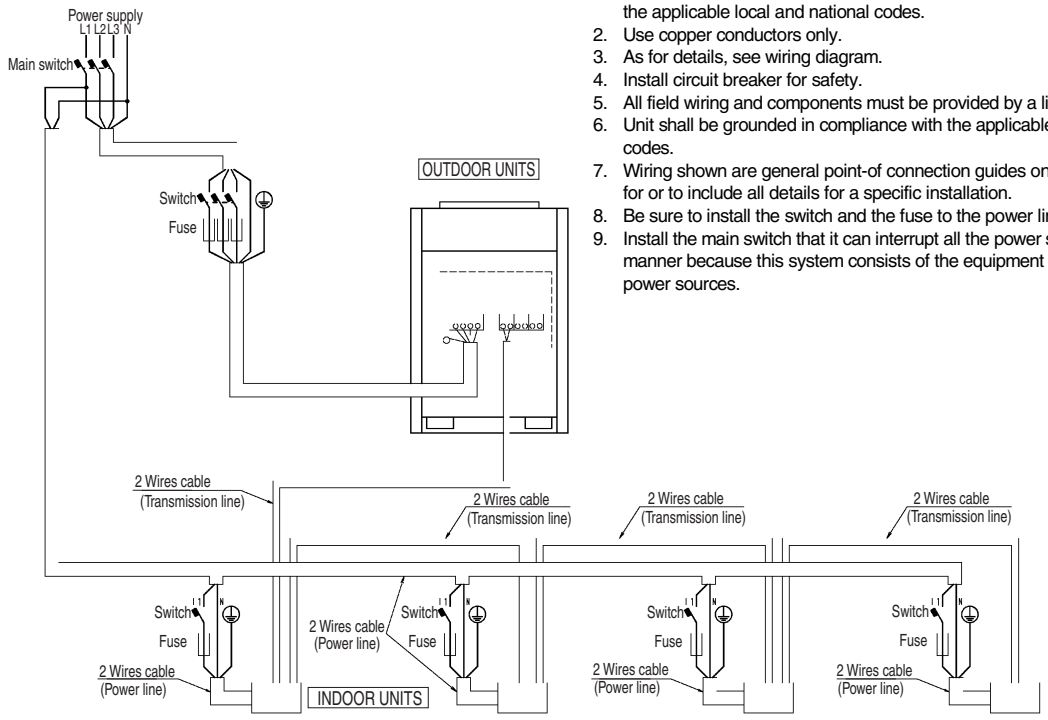
Notes:

1. This wiring diagram is applied only to the outdoor unit.
2. Refer to the installation manual, for connection wiring to indoor-outdoor
   Transmission F1•F2, outdoor-outdoor transmission F1•F2, outdoor-multi transmission Q1•Q2.
3. Refer to “operation caution label” (on switch box cover), how to use BS1-BS5 and DS1•2 switch.
4. When operating, don't short circuit for protection device. (S1PH-S3PH)

3D038572

9. External Connection Diagram

U-5~16ME3XPQ

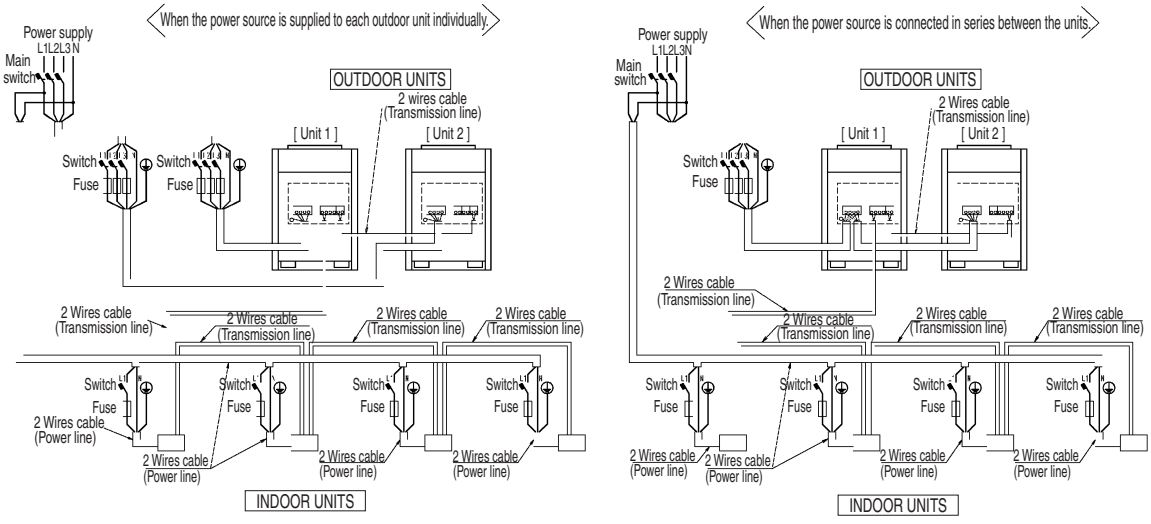


Notes:

1. All wiring, components and materials to be procured on site must comply with the applicable local and national codes.
2. Use copper conductors only.
3. As for details, see wiring diagram.
4. Install circuit breaker for safety.
5. All field wiring and components must be provided by a licensed electrician.
6. Unit shall be grounded in compliance with the applicable local and national codes.
7. Wiring shown are general point-of connection guides only and are not intended for or to include all details for a specific installation.
8. Be sure to install the switch and the fuse to the power line of each equipment.
9. Install the main switch that it can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources.

3D040746A

PA-18~32ME3XPQ

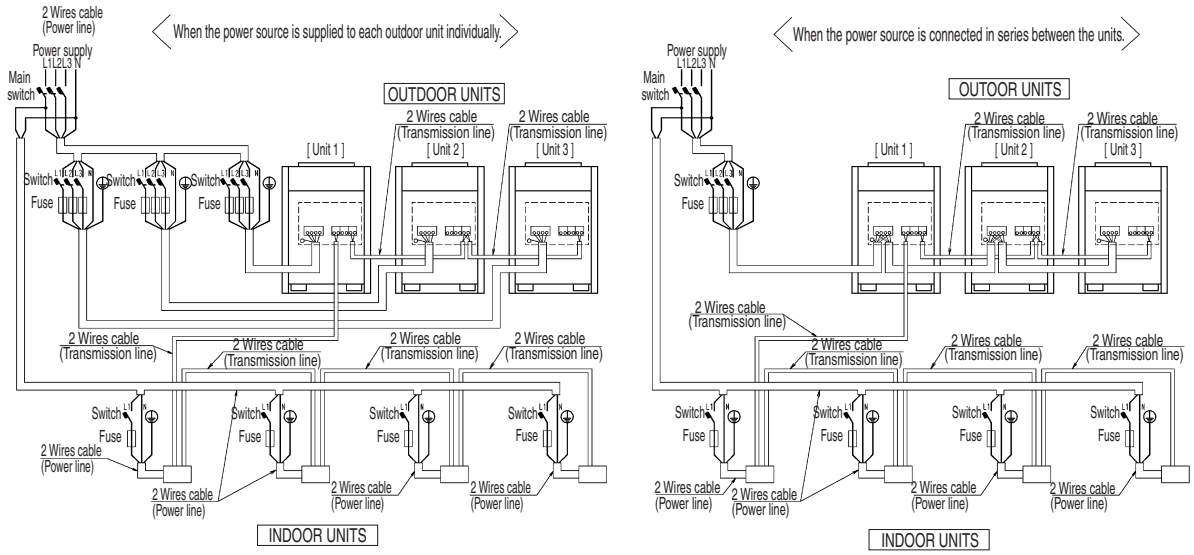


Notes:

1. All wiring, components and materials to be procured on site must comply with the applicable local and national codes.
2. Use copper conductors only.
3. As for details, see wiring diagram.
4. Install circuit breaker for safety.
5. All field wiring and components must be provided by a licensed electrician.
6. Unit shall be grounded in compliance with the applicable local and national codes.
7. Wiring shown are general point-of connection guides only and are not intended for or to include all details for a specific installation.
8. Be sure to install the switch and the fuse to the power line of each equipment.
9. Install the main switch that it can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources.
10. The capacity of UNIT 1 must be larger than UNIT 2, when the power source is connected in series between the units.

3D040747A

PA-34~48ME3XPQ



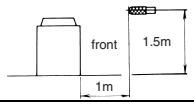
Notes:

1. All wiring, components and materials to be procured on site must comply with the applicable local and national codes.
2. Use copper conductors only.
3. As for details, see wiring diagram.
4. Install circuit breaker for safety.
5. All field wiring and components must be provided by a licensed electrician.
6. Unit shall be grounded in compliance with the applicable local and national codes.
7. Wiring shown are general point-of connection guides only and are not intended for or to include all details for a specific installation.
8. Be sure to install the switch and the fuse to the power line of each equipment.
9. Install the main switch that it can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources.
10. When the power source is connected in series between the units, comply with the following conditions:
    The capacity of UNIT 1 must be larger than UNIT 2.
    The capacity of UNIT 2 must be larger than UNIT 3.

3D040748A

10. Sound Level

10.1 Sound Level Data

Model	Sound Pressure Level		Sound Power Level
	H	Measuring Location	
U-8ME3XPQ	57		*
U-10ME3XPQ	58		*
U-12ME3XPQ	60		*
U-14ME3XPQ	60		*
U-16ME3XPQ	60		*

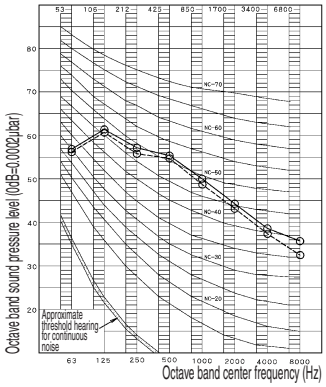
Notes:

1. * Sound power levels were not available at time of publication
2. Measuring place: anechoic chamber
3. If it is measured under the actual installation conditions, it is normally over the set value due to environmental noise and sound reflection

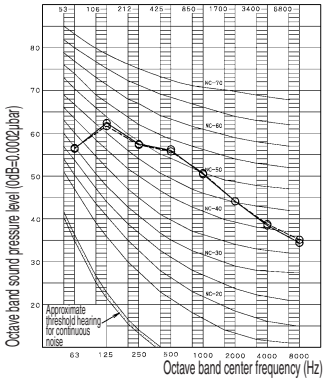
10.2 Sound Pressure Spectrum

○------○ 50Hz
○——○ 60Hz

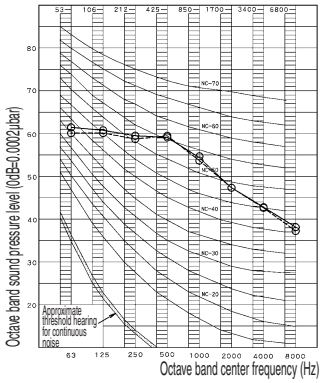
U-8ME3XPQ 4D041819



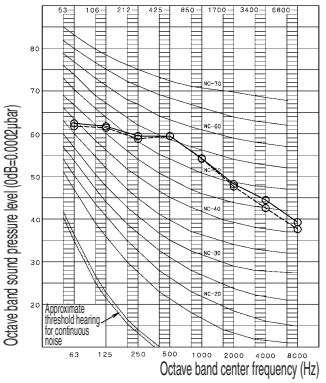
U-10ME3XPQ 4D041820



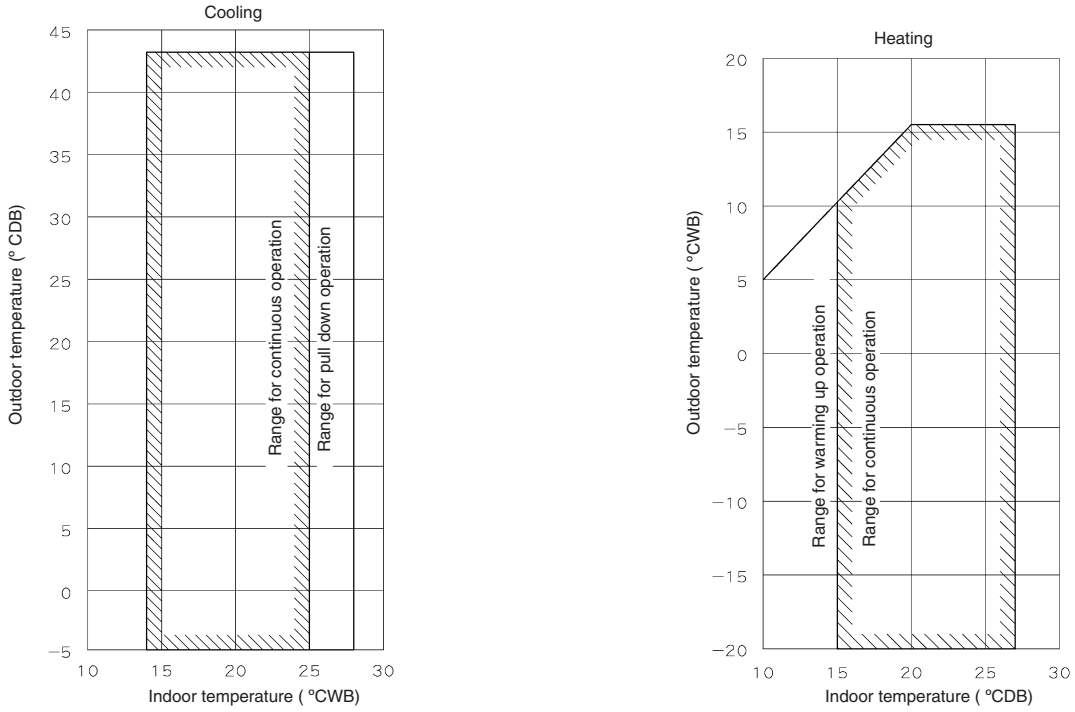
U-12·14ME3XPQ 4D041821



U-16ME3XPQ 4D041822



11. Operation Range



3D039566B

Note:

1. These figures assume the following operating conditions:
   Indoor and outdoor units:
   Equivalent pipe length: 7.5m
   Level difference: 0m

Part 3
Indoor Units

S-LM3HPQ
2-way Cassette Type 363

S-YM3HPS
2×2 Cassette Type 387

S-UM3HPQ
4-way Cassette Type 409

S-DM3HPS
Corner Type. 435

S-FM3HPQ
Built-in Type 459

S-EM3HPS
Ducted Type 487

S-NM3HPQ
Small Duct Type 517

S-TM3JPR
Ceiling Type. 527

S-KM3HPR
Wall Type. 539

S-PM3HPS / S-RM3HPS
Floor Standing Type /
Concealed Floor Standing Type 557

CZ-HR1HS
HR Box. 577

S-LM3HPQ
2-way Cassette Type

1. Features 364
2. Specifications 366
2.1 Technical Specifications 366
2.2 Electrical Specifications 367
2.3 Safety Device Settings 367
3. Accessories 367
4. Control Systems 368
4.1 Individual Control Systems 368
4.2 Centralized Control Systems 368
4.3 Others 368
5. Capacity Tables 369
5.1 Cooling Capacity 369
5.2 Heating Capacity 371
6. Dimensions 374
6.1 Dimensional Drawings 374
6.2 Centre of Gravity 377
7. Piping Diagram 378
8. Wiring Diagrams 379
9. Sound level 381
9.1 Measuring Conditions 381
9.2 Sound Pressure Spectrum 381
10. Air Flow Pattern 382
11. Drain Piping 384
11.1 Rig Drain Piping 384
11.2 After Piping Work is Finished, Check If Drainage Flows Smoothly 385
11.3 When Electric Wiring Work is Finished 385
11.4 When Electric Wiring Work is Not Finished 385

1. Features

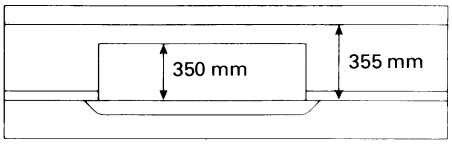
= Drastic change of performance, function and design =



<Features>

Compactness

- Lowest height in the industry with whisper quietness



(V0030)

Low Operation Sound
Less Weight

Improvement in Installation and Design Flexibility

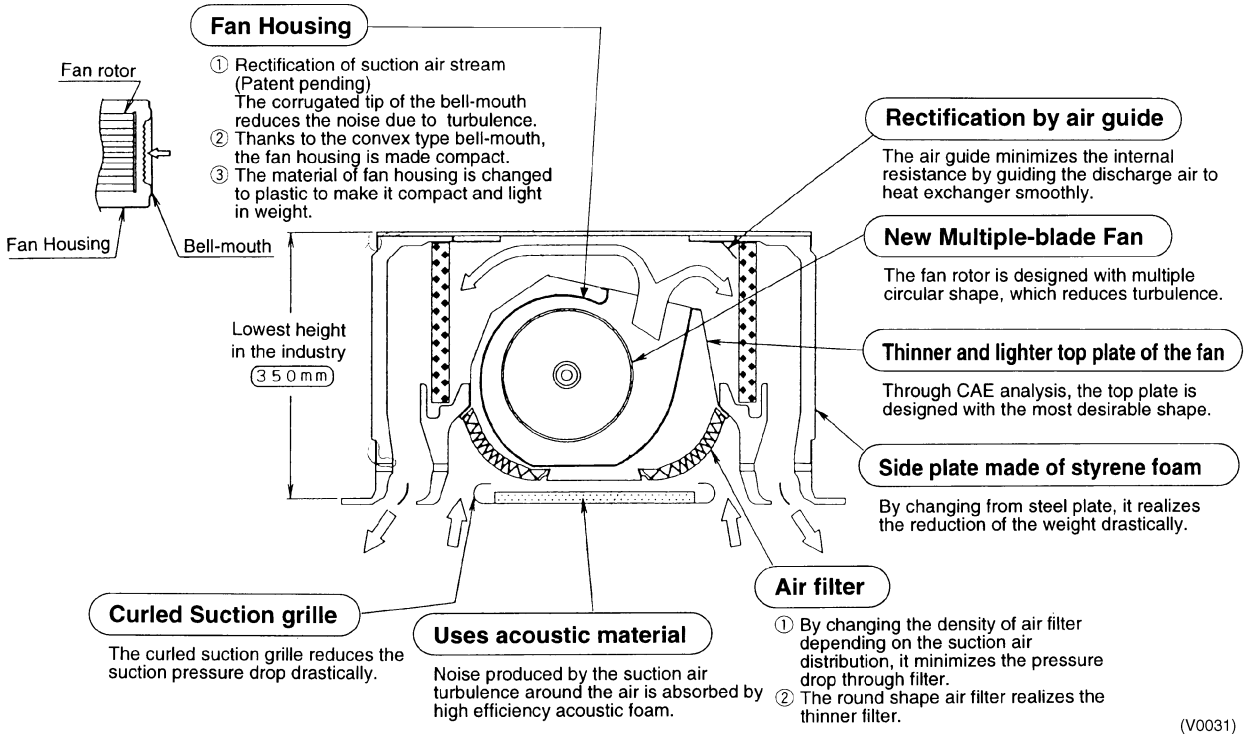
- Reduction of weight of both main unit and panel
- Standardized sectional module
- Matching the center of main unit and panel

Less Maintenance

- Flat type suction grille of easy cleaning
- Detachable blade
- To minimize the soiling of the ceiling

<Details>

(1) Main Technical Improvement for Compactness

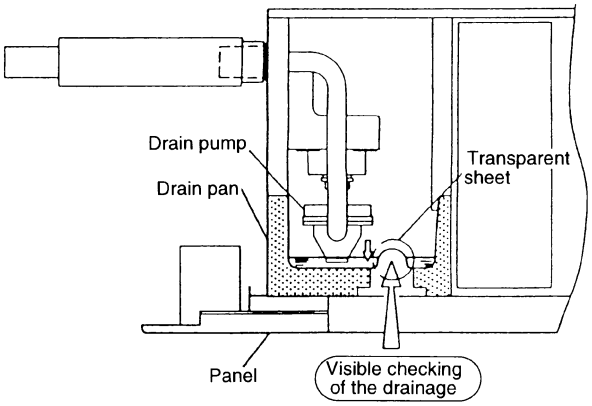


(V0031)

(2) Improvements for facilitating the installation and maintenance

Facilitating the Installation

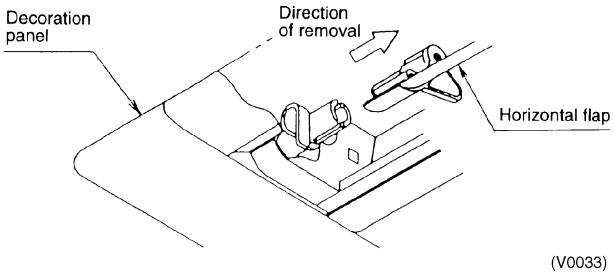
- **Lighter in weight**
  (Main unit and panel)
- **Center of the ceiling opening and the unit.**
  The same position
- **Checking the drainage flow**
  The cover of inspection hatch is detachable with one touch.
- **Facilitating the checking of drainage**



(V0032)

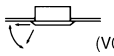
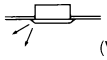
Facilitating the Maintenance

- **Soiling of the ceiling**
  About 1/5 of the conventional model
- **Cleaning of the suction grille**
  Easy to clean because of flat shape
- **Cleaning of the air discharge flap (Detachability)**
  The flap can be detached with one touch without removing the panel
- **Detachment of air discharge flap**



(V0033)

- **2 different positions of auto-swing for more comfort.**

Position of Auto-Swing	Standard Position	Ceiling Soiling Prevention Position
Operation of Auto-Swing	 (V0034) Flaps swing within the range of 0°~65°	
5 Steps of Direction	 (V1226) 5 steps within the range of 30°~65°	 (V0036) 5 steps within the range of 40°~65°
Prevention of Draft	 (V0037) Prevents cold draft (heating operation)	—
Auto-set Air Direction	 (V0038) The position of flaps is automatically set at the position of previous operation. (Initial position is 30° for cooling, and 65° for heating.)	

2. Specifications

2.1 Technical Specifications

S-LM3HPQ				20	25	32	40	50	63	80	125
Cooling Capacity (1)			kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	14.0
Heating Capacity (2)			kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	16.0
Nominal Input	Cooling		W	77	92		130		161	209	256
	Heating		W	44	59		97		126	176	223
Dimensions	Unit	H×W×D	mm	305×780×600			305×995×600		305×1,180 ×600	305×1,670×600	
	Decoration Panel	H×W×D	mm	53×1,030×680			53×1,245×680		53×1,430 ×680	53×1,920×680	
Weight	Unit		kg	26			31	32	35	47	48
	Decoration Panel		kg	8			8.5		9.5	12	
CASING				Galvanized Steel Plate							
Colour	Decoration Panel			White (10Y9/0.5)							
Sound Level - 230V	Sound Pressure	high	dB(A)	33	35		35.5		38	40	45
		low	dB(A)	28	29		30.5		33	35	39
	Sound Power		dB(A)	45	50		50		52	54	60
Fan	Air Flow Rate	high	m^3/h	420	540		720		990	1,560	1,980
		low	m^3/h	300	390		540		780	1,260	1,500
	Type			Sirocco Fan							
	Quantity			1	1	1	2	2	2	3	3
	Motor Output		W	10	15		20		30	50	85
	Drive			Direct Drive							
Heat Exchanger	Rows × Stages × Fin Pitch			2 × 10 × 1.5							
	Face area		m^2	2 × 0.100			2 × 0.145		2 × 0.184	2 × 0.287	
Air Filter				Resin Net with Mold Resistant							
Refrigerant Control				Electronic Expansion Valve							
Temperature Control				Microprocessor Thermostat for Cooling and Heating							
Piping Connections	Liquid	Flare	mm	ϕ 6.4					ϕ 9.5		
	Gas	Flare	mm	ϕ 12.7					ϕ 15.9		
	Drain		mm	VP25, External Diameter 32, Internal Diameter 25							
Sound Absorbing Thermal Insulation				Felt / Urethane Foam							

3TW25511-1

Notes:

1. Nominal cooling capacities are based on :
   · Indoor temperature : 27°CDB, 19°CWB
   · Outdoor temperature : 35°CDB
   · Equivalent refrigerant piping : 8m (horizontal)
   · Level difference : 0m
2. Nominal heating capacities are based on:
   Indoor temperature : 20°CDB
   · Outdoor temperature : 7°CDB, 6°CWB
   · Equivalent refrigerant piping : 8m (horizontal)
   · Level difference : 0m
3. Capacities are net including a deduction for cooling (an addition for heating) for indoor fan motor heat.

2.2 Electrical Specifications

S-LM3HPQ			20	25	32	40	50	63	80	125
Current	Minimum Circuit Amps (MCA)	A	0.5			0.8		0.9	1.1	1.3
	Maximum Fuse Amps (MFA) (5)	A	16							
Power Supply			1 ~, 50Hz, 230V							
Voltage Range	Min~Max	V	207~253							
Indoor Fan Motor	Fan Motor Rated Output	W	10	15		20		30	50	85
	Full Load Amps (FLA)	A	0.4			0.6		0.7	0.9	1.0

4TW25511-2

Notes:

1. Voltage range: units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
2. Maximum allowable voltage range variation between phases is 2%.
3. MCA/MFA:
   MCA = 1.25 x FLA
   MFA ≤ 4 x FLA
   next lower standard fuse rating minimum 16A.
4. Select wire size based on the MCA.
5. Instead of a fuse, use a circuit breaker.

2.3 Safety Device Settings

S-LM3HPQ		20	25	32	40	50	63	80	125
PC Board Fuse		250V 5A							
Fan Motor Thermal Fuse	°C	$152^{\pm 2}$						—	
Drain Pump Fuse	°C	$164.5^{\pm 2.5}$							
Fan Motor Thermal Protector		—						OFF: $135^{\pm 8}$ (ON: $87^{\pm 15}$)	

3TW25511-3

3. Accessories

S-LM3HPQ	20	25	32	40	50	63	80	125
Decoration Panel	CZ-01KPL11P			CZ-02KPL11P		CZ-03KPL11P	CZ-06KPL11P	
High Efficiency Filter 65% (1)	KAFJ532G36			KAFJ532G56		KAFJ532G80	KAFJ532G160	
High Efficiency Filter 90% (1)	KAFJ533G36			KAFJ533G56		KAFJ533G80	KAFJ533G160	
Filter Chamber for Bottom Suction	KDDFJ53G36			KDDFJ53G56		KDDFJ53G80	KDDFJ53G160	
Replacement Long Life Filter	KAFJ531G36			KAFJ531G56		KAFJ531G80	KAFJ531G160	

3TW25519-1

Notes:

1. Filter chamber is required if installing a high efficiency filter

4. Control Systems

4.1 Individual Control Systems

Wired Remote Control		CZ-02RT11P
Infrared Remote Control	Heat Pump	CZ-01RWL12P

4.2 Centralized Control Systems

Centralized Remote Control	CZ-01ESM11P
Unified On/Off Control	CZ-01ANA11P
Schedule Timer	CZ-01ESW11P

4.3 Others

Wiring Adapter (Hour Meter)	EKRP1B2
Wiring Adapter	KRP1B61 #
BMS Interface Adapter for Unified Group	KRP2A51 #
BMS Interface Adapter for Individual and Unified Control	KRP4A51 #
Remote Sensor	CZ-10RSA
Installation Box for Adapter PCB	KRP1B96 (1) (2)
Electrical Box with Earth Terminal (3 Blocks)	KJB311A
Electrical Box with Earth Terminal (2 Blocks)	KJB212A
Noise Filter (for Electromagnetic Interface Use Only)	KEK26-1
BMS Interface Adapter for Outdoor Unit (Installation on Indoor Unit)	DTA104A61 #

3TW2551P-1A

Notes:

1. Up to 2 adapters can be fixed for each installation box.
2. Only 1 installation box can be installed per indoor unit.
3. Installation box is necessary for each adapter marked with #.

5. Capacity Tables

5.1 Cooling Capacity

TC: Total capacity;kW – SHC: Sensible capacity;kW

Unit size	Nominal capacity	Outdoor air temp.	Indoor air temperature													
			14.0WB		16.0WB		18.0WB		19.0WB		20.0WB		22.0WB		24.0WB	
			20.0DB		23.0DB		26.0DB		27.0DB		28.0DB		30.0DB		32.0DB	
		°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
20	2.2	10.0	1.5	1.4	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.7	2.9	1.7
		12.0	1.5	1.4	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.7	2.9	1.7
		14.0	1.5	1.4	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.7	2.8	1.7
		16.0	1.5	1.4	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.7	2.8	1.7
		18.0	1.5	1.4	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.7	2.7	1.7
		20.0	1.5	1.4	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.7	2.7	1.6
		21.0	1.5	1.4	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.7	2.7	1.6
		23.0	1.5	1.4	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.7	2.6	1.6
		25.0	1.5	1.4	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.7	2.6	1.6
		27.0	1.5	1.4	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.5	1.7	2.6	1.6
		29.0	1.5	1.4	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.5	1.7	2.5	1.6
		31.0	1.5	1.4	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.4	1.7	2.5	1.5
		33.0	1.5	1.4	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.4	1.6	2.5	1.5
		35.0	1.5	1.4	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.7	2.4	1.6	2.4	1.5
		37.0	1.5	1.4	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.7	2.3	1.6	2.4	1.5
		39.0	1.5	1.4	1.8	1.5	2.1	1.7	2.2	1.7	2.2	1.7	2.3	1.6	2.3	1.5
25	2.8	10.0	1.9	1.7	2.3	1.9	2.6	2.1	2.8	2.2	3.0	2.2	3.4	2.2	3.7	2.2
		12.0	1.9	1.7	2.3	1.9	2.6	2.1	2.8	2.2	3.0	2.2	3.4	2.2	3.6	2.2
		14.0	1.9	1.7	2.3	1.9	2.6	2.1	2.8	2.2	3.0	2.2	3.4	2.2	3.6	2.2
		16.0	1.9	1.7	2.3	1.9	2.6	2.1	2.8	2.2	3.0	2.2	3.4	2.2	3.5	2.2
		18.0	1.9	1.7	2.3	1.9	2.6	2.1	2.8	2.2	3.0	2.2	3.4	2.2	3.5	2.1
		20.0	1.9	1.7	2.3	1.9	2.6	2.1	2.8	2.2	3.0	2.2	3.4	2.2	3.4	2.1
		21.0	1.9	1.7	2.3	1.9	2.6	2.1	2.8	2.2	3.0	2.2	3.4	2.2	3.4	2.1
		23.0	1.9	1.7	2.3	1.9	2.6	2.1	2.8	2.2	3.0	2.2	3.3	2.2	3.4	2.1
		25.0	1.9	1.7	2.3	1.9	2.6	2.1	2.8	2.2	3.0	2.2	3.3	2.2	3.3	2.1
		27.0	1.9	1.7	2.3	1.9	2.6	2.1	2.8	2.2	3.0	2.2	3.2	2.2	3.3	2.0
		29.0	1.9	1.7	2.3	1.9	2.6	2.1	2.8	2.2	3.0	2.2	3.2	2.1	3.2	2.0
		31.0	1.9	1.7	2.3	1.9	2.6	2.1	2.8	2.2	3.0	2.2	3.1	2.1	3.2	2.0
		33.0	1.9	1.7	2.3	1.9	2.6	2.1	2.8	2.2	3.0	2.2	3.1	2.1	3.1	2.0
		35.0	1.9	1.7	2.3	1.9	2.6	2.1	2.8	2.2	3.0	2.2	3.0	2.1	3.1	1.9
		37.0	1.9	1.7	2.3	1.9	2.6	2.1	2.8	2.2	2.9	2.2	3.0	2.0	3.0	1.9
		39.0	1.9	1.7	2.3	1.9	2.6	2.1	2.8	2.2	2.9	2.2	2.9	2.0	3.0	1.9
32	3.6	10.0	2.4	2.1	2.9	2.3	3.4	2.5	3.6	2.6	3.8	2.6	4.3	2.7	4.7	2.7
		12.0	2.4	2.1	2.9	2.3	3.4	2.5	3.6	2.6	3.8	2.6	4.3	2.7	4.7	2.7
		14.0	2.4	2.1	2.9	2.3	3.4	2.5	3.6	2.6	3.8	2.6	4.3	2.7	4.6	2.7
		16.0	2.4	2.1	2.9	2.3	3.4	2.5	3.6	2.6	3.8	2.6	4.3	2.7	4.6	2.6
		18.0	2.4	2.1	2.9	2.3	3.4	2.5	3.6	2.6	3.8	2.6	4.3	2.7	4.5	2.6
		20.0	2.4	2.1	2.9	2.3	3.4	2.5	3.6	2.6	3.8	2.6	4.3	2.7	4.4	2.5
		21.0	2.4	2.1	2.9	2.3	3.4	2.5	3.6	2.6	3.8	2.6	4.3	2.7	4.4	2.5
		23.0	2.4	2.1	2.9	2.3	3.4	2.5	3.6	2.6	3.8	2.6	4.2	2.6	4.3	2.5
		25.0	2.4	2.1	2.9	2.3	3.4	2.5	3.6	2.6	3.8	2.6	4.2	2.6	4.3	2.5
		27.0	2.4	2.1	2.9	2.3	3.4	2.5	3.6	2.6	3.8	2.6	4.1	2.6	4.2	2.4
		29.0	2.4	2.1	2.9	2.3	3.4	2.5	3.6	2.6	3.8	2.6	4.1	2.5	4.2	2.4
		31.0	2.4	2.1	2.9	2.3	3.4	2.5	3.6	2.6	3.8	2.6	4.0	2.5	4.1	2.4
		33.0	2.4	2.1	2.9	2.3	3.4	2.5	3.6	2.6	3.8	2.6	3.9	2.5	4.0	2.4
		35.0	2.4	2.1	2.9	2.3	3.4	2.5	3.6	2.6	3.8	2.6	3.9	2.5	4.0	2.4
		37.0	2.4	2.1	2.9	2.3	3.4	2.5	3.6	2.6	3.7	2.6	3.8	2.5	3.9	2.3
		39.0	2.4	2.1	2.9	2.3	3.4	2.5	3.6	2.6	3.7	2.6	3.8	2.4	3.8	2.3
40	4.5	10.0	3.0	2.5	3.6	2.8	4.2	3.1	4.5	3.2	4.8	3.3	5.4	3.3	5.9	3.3
		12.0	3.0	2.5	3.6	2.8	4.2	3.1	4.5	3.2	4.8	3.3	5.4	3.3	5.8	3.3
		14.0	3.0	2.5	3.6	2.8	4.2	3.1	4.5	3.2	4.8	3.3	5.4	3.3	5.8	3.2
		16.0	3.0	2.5	3.6	2.8	4.2	3.1	4.5	3.2	4.8	3.3	5.4	3.3	5.7	3.2
		18.0	3.0	2.5	3.6	2.8	4.2	3.1	4.5	3.2	4.8	3.3	5.4	3.3	5.6	3.2
		20.0	3.0	2.5	3.6	2.8	4.2	3.1	4.5	3.2	4.8	3.3	5.4	3.3	5.5	3.1
		21.0	3.0	2.5	3.6	2.8	4.2	3.1	4.5	3.2	4.8	3.3	5.4	3.3	5.5	3.1
		23.0	3.0	2.5	3.6	2.8	4.2	3.1	4.5	3.2	4.8	3.3	5.3	3.3	5.4	3.1
		25.0	3.0	2.5	3.6	2.8	4.2	3.1	4.5	3.2	4.8	3.3	5.2	3.3	5.3	3.1
		27.0	3.0	2.5	3.6	2.8	4.2	3.1	4.5	3.2	4.8	3.3	5.2	3.2	5.3	3.0
		29.0	3.0	2.5	3.6	2.8	4.2	3.1	4.5	3.2	4.8	3.3	5.1	3.2	5.2	3.0
		31.0	3.0	2.5	3.6	2.8	4.2	3.1	4.5	3.2	4.8	3.3	5.0	3.1	5.1	2.9
		33.0	3.0	2.5	3.6	2.8	4.2	3.1	4.5	3.2	4.8	3.3	4.9	3.1	5.0	2.9
		35.0	3.0	2.5	3.6	2.8	4.2	3.1	4.5	3.2	4.7	3.3	4.9	3.1	5.0	2.9
		37.0	3.0	2.5	3.6	2.8	4.2	3.1	4.5	3.2	4.7	3.2	4.8	3.0	4.9	2.8
		39.0	3.0	2.5	3.6	2.8	4.2	3.1	4.5	3.2	4.6	3.2	4.7	3.0	4.8	2.8

TC: Total capacity;kW – SHC: Sensible capacity;kW

Unit size	Nominal capacity	Outdoor air temp.	Indoor air temperature													
			14.0WB		16.0WB		18.0WB		19.0WB		20.0WB		22.0WB		24.0WB	
			20.0DB		23.0DB		26.0DB		27.0DB		28.0DB		30.0DB		32.0DB	
		°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
50	5.6	10.0	3.8	3.1	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.7	4.1	7.4	4.0
		12.0	3.8	3.1	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.7	4.1	7.3	4.0
		14.0	3.8	3.1	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.7	4.1	7.2	4.0
		16.0	3.8	3.1	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.7	4.1	7.1	3.9
		18.0	3.8	3.1	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.7	4.1	7.0	3.9
		20.0	3.8	3.1	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.7	4.1	6.9	3.8
		21.0	3.8	3.1	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.7	4.1	6.8	3.8
		23.0	3.8	3.1	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.6	4.0	6.7	3.8
		25.0	3.8	3.1	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.5	4.0	6.6	3.7
		27.0	3.8	3.1	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.4	3.9	6.6	3.7
		29.0	3.8	3.1	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.3	3.9	6.5	3.6
		31.0	3.8	3.1	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.2	3.8	6.4	3.6
		33.0	3.8	3.1	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.1	3.8	6.3	3.6
		35.0	3.8	3.1	4.5	3.4	5.2	3.8	5.6	3.9	5.9	4.0	6.0	3.8	6.2	3.5
		37.0	3.8	3.1	4.5	3.4	5.2	3.8	5.6	3.9	5.8	3.9	5.9	3.7	6.1	3.5
		39.0	3.8	3.1	4.5	3.4	5.2	3.8	5.6	3.9	5.7	3.9	5.8	3.7	6.0	3.4
63	7.1	10.0	4.8	3.8	5.7	4.2	6.6	4.7	7.1	4.9	7.6	4.9	8.5	5.0	9.3	5.0
		12.0	4.8	3.8	5.7	4.2	6.6	4.7	7.1	4.9	7.6	4.9	8.5	5.0	9.2	5.0
		14.0	4.8	3.8	5.7	4.2	6.6	4.7	7.1	4.9	7.6	4.9	8.5	5.0	9.1	4.9
		16.0	4.8	3.8	5.7	4.2	6.6	4.7	7.1	4.9	7.6	4.9	8.5	5.0	9.0	4.9
		18.0	4.8	3.8	5.7	4.2	6.6	4.7	7.1	4.9	7.6	4.9	8.5	5.0	8.8	4.8
		20.0	4.8	3.8	5.7	4.2	6.6	4.7	7.1	4.9	7.6	4.9	8.5	5.0	8.7	4.7
		21.0	4.8	3.8	5.7	4.2	6.6	4.7	7.1	4.9	7.6	4.9	8.5	5.0	8.7	4.7
		23.0	4.8	3.8	5.7	4.2	6.6	4.7	7.1	4.9	7.6	4.9	8.4	4.9	8.5	4.6
		25.0	4.8	3.8	5.7	4.2	6.6	4.7	7.1	4.9	7.6	4.9	8.3	4.9	8.4	4.6
		27.0	4.8	3.8	5.7	4.2	6.6	4.7	7.1	4.9	7.6	4.9	8.1	4.8	8.3	4.5
		29.0	4.8	3.8	5.7	4.2	6.6	4.7	7.1	4.9	7.6	4.9	8.0	4.7	8.2	4.5
		31.0	4.8	3.8	5.7	4.2	6.6	4.7	7.1	4.9	7.6	4.9	7.9	4.7	8.1	4.4
		33.0	4.8	3.8	5.7	4.2	6.6	4.7	7.1	4.9	7.6	4.9	7.8	4.6	7.9	4.4
		35.0	4.8	3.8	5.7	4.2	6.6	4.7	7.1	4.9	7.5	4.8	7.7	4.6	7.8	4.4
		37.0	4.8	3.8	5.7	4.2	6.6	4.7	7.1	4.9	7.4	4.8	7.5	4.5	7.7	4.3
		39.0	4.8	3.8	5.7	4.2	6.6	4.7	7.1	4.9	7.2	4.7	7.4	4.5	7.6	4.3
80	9.0	10.0	6.1	5.2	7.2	5.7	8.4	6.2	9.0	6.3	9.6	6.5	10.8	6.8	11.8	6.7
		12.0	6.1	5.2	7.2	5.7	8.4	6.2	9.0	6.3	9.6	6.5	10.8	6.8	11.7	6.6
		14.0	6.1	5.2	7.2	5.7	8.4	6.2	9.0	6.3	9.6	6.5	10.8	6.8	11.5	6.6
		16.0	6.1	5.2	7.2	5.7	8.4	6.2	9.0	6.3	9.6	6.5	10.8	6.8	11.4	6.5
		18.0	6.1	5.2	7.2	5.7	8.4	6.2	9.0	6.3	9.6	6.5	10.8	6.8	11.2	6.4
		20.0	6.1	5.2	7.2	5.7	8.4	6.2	9.0	6.3	9.6	6.5	10.8	6.8	11.1	6.3
		21.0	6.1	5.2	7.2	5.7	8.4	6.2	9.0	6.3	9.6	6.5	10.8	6.8	11.0	6.3
		23.0	6.1	5.2	7.2	5.7	8.4	6.2	9.0	6.3	9.6	6.5	10.6	6.7	10.8	6.3
		25.0	6.1	5.2	7.2	5.7	8.4	6.2	9.0	6.3	9.6	6.5	10.5	6.6	10.7	6.2
		27.0	6.1	5.2	7.2	5.7	8.4	6.2	9.0	6.3	9.6	6.5	10.3	6.6	10.5	6.1
		29.0	6.1	5.2	7.2	5.7	8.4	6.2	9.0	6.3	9.6	6.5	10.2	6.5	10.4	6.0
		31.0	6.1	5.2	7.2	5.7	8.4	6.2	9.0	6.3	9.6	6.5	10.0	6.4	10.2	6.0
		33.0	6.1	5.2	7.2	5.7	8.4	6.2	9.0	6.3	9.6	6.5	9.8	6.3	10.1	5.9
		35.0	6.1	5.2	7.2	5.7	8.4	6.2	9.0	6.3	9.5	6.4	9.7	6.3	9.9	5.8
		37.0	6.1	5.2	7.2	5.7	8.4	6.2	9.0	6.3	9.3	6.4	9.5	6.2	9.8	5.7
		39.0	6.1	5.2	7.2	5.7	8.4	6.2	9.0	6.3	9.2	6.3	9.4	6.1	9.6	5.7
125	14.0	10.0	9.5	7.8	11.3	8.6	13.1	9.5	14.0	9.7	14.9	9.9	16.8	10.2	18.4	10.3
		12.0	9.5	7.8	11.3	8.6	13.1	9.5	14.0	9.7	14.9	9.9	16.8	10.2	18.2	10.2
		14.0	9.5	7.8	11.3	8.6	13.1	9.5	14.0	9.7	14.9	9.9	16.8	10.2	18.0	10.1
		16.0	9.5	7.8	11.3	8.6	13.1	9.5	14.0	9.7	14.9	9.9	16.8	10.2	17.7	9.9
		18.0	9.5	7.8	11.3	8.6	13.1	9.5	14.0	9.7	14.9	9.9	16.8	10.2	17.5	9.8
		20.0	9.5	7.8	11.3	8.6	13.1	9.5	14.0	9.7	14.9	9.9	16.8	10.2	17.2	9.7
		21.0	9.5	7.8	11.3	8.6	13.1	9.5	14.0	9.7	14.9	9.9	16.8	10.2	17.1	9.6
		23.0	9.5	7.8	11.3	8.6	13.1	9.5	14.0	9.7	14.9	9.9	16.5	10.1	16.9	9.5
		25.0	9.5	7.8	11.3	8.6	13.1	9.5	14.0	9.7	14.9	9.9	16.3	10.0	16.6	9.4
		27.0	9.5	7.8	11.3	8.6	13.1	9.5	14.0	9.7	14.9	9.9	16.1	9.8	16.4	9.3
		29.0	9.5	7.8	11.3	8.6	13.1	9.5	14.0	9.7	14.9	9.9	15.8	9.7	16.2	9.3
		31.0	9.5	7.8	11.3	8.6	13.1	9.5	14.0	9.7	14.9	9.9	15.6	9.6	15.9	9.2
		33.0	9.5	7.8	11.3	8.6	13.1	9.5	14.0	9.7	14.9	9.9	15.3	9.5	15.7	9.1
		35.0	9.5	7.8	11.3	8.6	13.1	9.5	14.0	9.7	14.8	9.9	15.1	9.4	15.4	9.0
		37.0	9.5	7.8	11.3	8.6	13.1	9.5	14.0	9.7	14.5	9.7	14.9	9.3	15.2	8.9
		39.0	9.5	7.8	11.3	8.6	13.1	9.5	14.0	9.8	14.3	9.6	14.6	9.2	15.0	8.8

3TW22512-1

5.2 Heating Capacity

Unit Size	Nominal capacity	Outdoor air temperature		Indoor air temperature °CDB					
				16.0	18.0	20.0	21.0	22.0	24.0
		°CDB	°CWB	kW	kW	kW	kW	kW	kW
20	2.5	-19.8	-20.0	1.5	1.5	1.5	1.5	1.5	1.5
		-18.8	-19.0	1.5	1.5	1.5	1.5	1.5	1.5
		-16.7	-17.0	1.6	1.6	1.6	1.6	1.6	1.6
		-14.7	-15.0	1.7	1.7	1.7	1.7	1.7	1.7
		-12.6	-13.0	1.8	1.8	1.8	1.8	1.8	1.8
		-10.5	-11.0	1.9	1.9	1.9	1.9	1.9	1.9
		-9.5	-10.0	1.9	1.9	1.9	1.9	1.9	1.9
		-8.5	-9.1	2.0	2.0	1.9	1.9	1.9	1.9
		-7.0	-7.6	2.0	2.0	2.0	2.0	2.0	2.0
		-5.0	-5.6	2.1	2.1	2.1	2.1	2.1	2.1
		-3.0	-3.7	2.2	2.2	2.2	2.2	2.2	2.2
		0.0	-0.7	2.3	2.3	2.3	2.3	2.3	2.2
		3.0	2.2	2.5	2.5	2.4	2.4	2.3	2.2
		5.0	4.1	2.5	2.5	2.5	2.4	2.3	2.2
		7.0	6.0	2.6	2.6	2.5	2.4	2.3	2.2
		9.0	7.9	2.7	2.7	2.5	2.4	2.3	2.2
		11.0	9.8	2.8	2.7	2.5	2.4	2.3	2.2
		13.0	11.8	2.8	2.7	2.5	2.4	2.3	2.2
		15.0	13.7	2.8	2.7	2.5	2.4	2.3	2.2
25	3.2	-19.8	-20.0	1.9	1.9	1.9	1.9	1.9	1.9
		-18.8	-19.0	1.9	1.9	1.9	1.9	1.9	1.9
		-16.7	-17.0	2.1	2.1	2.0	2.0	2.0	2.0
		-14.7	-15.0	2.2	2.2	2.2	2.2	2.2	2.1
		-12.6	-13.0	2.3	2.3	2.3	2.3	2.3	2.3
		-10.5	-11.0	2.4	2.4	2.4	2.4	2.4	2.4
		-9.5	-10.0	2.5	2.4	2.4	2.4	2.4	2.4
		-8.5	-9.1	2.5	2.5	2.5	2.5	2.5	2.5
		-7.0	-7.6	2.6	2.6	2.6	2.6	2.6	2.6
		-5.0	-5.6	2.7	2.7	2.7	2.7	2.7	2.7
		-3.0	-3.7	2.8	2.8	2.8	2.8	2.8	2.8
		0.0	-0.7	3.0	3.0	3.0	3.0	3.0	2.8
		3.0	2.2	3.1	3.1	3.1	3.1	3.0	2.8
		5.0	4.1	3.3	3.2	3.2	3.1	3.0	2.8
		7.0	6.0	3.4	3.4	3.2	3.1	3.0	2.8
		9.0	7.9	3.5	3.4	3.2	3.1	3.0	2.8
		11.0	9.8	3.6	3.4	3.2	3.1	3.0	2.8
		13.0	11.8	3.6	3.4	3.2	3.1	3.0	2.8
		15.0	13.7	3.6	3.4	3.2	3.1	3.0	2.8
32	4.0	-19.8	-20.0	2.4	2.4	2.3	2.3	2.3	2.3
		-18.8	-19.0	2.4	2.4	2.4	2.4	2.4	2.4
		-16.7	-17.0	2.6	2.6	2.6	2.6	2.6	2.5
		-14.7	-15.0	2.7	2.7	2.7	2.7	2.7	2.7
		-12.6	-13.0	2.9	2.8	2.8	2.8	2.8	2.8
		-10.5	-11.0	3.0	3.0	3.0	3.0	3.0	3.0
		-9.5	-10.0	3.1	3.1	3.1	3.1	3.0	3.0
		-8.5	-9.1	3.1	3.1	3.1	3.1	3.1	3.1
		-7.0	-7.6	3.2	3.2	3.2	3.2	3.2	3.2
		-5.0	-5.6	3.4	3.4	3.4	3.4	3.4	3.4
		-3.0	-3.7	3.5	3.5	3.5	3.5	3.5	3.5
		0.0	-0.7	3.7	3.7	3.7	3.7	3.7	3.5
		3.0	2.2	3.9	3.9	3.9	3.9	3.7	3.5
		5.0	4.1	4.1	4.1	4.0	3.9	3.7	3.5
		7.0	6.0	4.2	4.2	4.0	3.9	3.7	3.5
		9.0	7.9	4.3	4.3	4.0	3.9	3.7	3.5
		11.0	9.8	4.5	4.3	4.0	3.9	3.7	3.5
		13.0	11.8	4.5	4.3	4.0	3.9	3.7	3.5
		15.0	13.7	4.5	4.3	4.0	3.9	3.7	3.5

Unit Size	Nominal capacity	Outdoor air temperature		Indoor air temperature °CDB					
				16.0	18.0	20.0	21.0	22.0	24.0
		°CDB	°CWB	kW	kW	kW	kW	kW	kW
40	5.0	-19.8	-20.0	3.0	2.9	2.9	2.9	2.9	2.9
		-18.8	-19.0	3.0	3.0	3.0	3.0	3.0	3.0
		-16.7	-17.0	3.2	3.2	3.2	3.2	3.2	3.2
		-14.7	-15.0	3.4	3.4	3.4	3.4	3.4	3.4
		-12.6	-13.0	3.6	3.6	3.6	3.5	3.5	3.5
		-10.5	-11.0	3.7	3.7	3.7	3.7	3.7	3.7
		-9.5	-10.0	3.8	3.8	3.8	3.8	3.8	3.8
		-8.5	-9.1	3.9	3.9	3.9	3.9	3.9	3.9
		-7.0	-7.6	4.0	4.0	4.0	4.0	4.0	4.0
		-5.0	-5.6	4.2	4.2	4.2	4.2	4.2	4.2
		-3.0	-3.7	4.4	4.4	4.4	4.4	4.4	4.4
		0.0	-0.7	4.7	4.6	4.6	4.6	4.6	4.4
		3.0	2.2	4.9	4.9	4.9	4.8	4.7	4.4
		5.0	4.1	5.1	5.1	5.0	4.8	4.7	4.4
		7.0	6.0	5.2	5.2	5.0	4.8	4.7	4.4
		9.0	7.9	5.4	5.3	5.0	4.8	4.7	4.4
		11.0	9.8	5.6	5.3	5.0	4.8	4.7	4.4
		13.0	11.8	5.6	5.3	5.0	4.8	4.7	4.4
		15.0	13.7	5.6	5.3	5.0	4.8	4.7	4.4
50	6.3	-19.8	-20.0	3.7	3.7	3.7	3.7	3.7	3.7
		-18.8	-19.0	3.8	3.8	3.8	3.8	3.8	3.8
		-16.7	-17.0	4.1	4.0	4.0	4.0	4.0	4.0
		-14.7	-15.0	4.3	4.3	4.3	4.2	4.2	4.2
		-12.6	-13.0	4.5	4.5	4.5	4.5	4.5	4.5
		-10.5	-11.0	4.7	4.7	4.7	4.7	4.7	4.7
		-9.5	-10.0	4.8	4.8	4.8	4.8	4.8	4.8
		-8.5	-9.1	4.9	4.9	4.9	4.9	4.9	4.9
		-7.0	-7.6	5.1	5.1	5.1	5.1	5.1	5.1
		-5.0	-5.6	5.3	5.3	5.3	5.3	5.3	5.3
		-3.0	-3.7	5.5	5.5	5.5	5.5	5.5	5.5
		0.0	-0.7	5.9	5.9	5.8	5.8	5.8	5.5
		3.0	2.2	6.2	6.2	6.2	6.1	5.9	5.5
		5.0	4.1	6.4	6.4	6.3	6.1	5.9	5.5
		7.0	6.0	6.6	6.6	6.3	6.1	5.9	5.5
		9.0	7.9	6.8	6.7	6.3	6.1	5.9	5.5
		11.0	9.8	7.0	6.7	6.3	6.1	5.9	5.5
		13.0	11.8	7.1	6.7	6.3	6.1	5.9	5.5
		15.0	13.7	7.1	6.7	6.3	6.1	5.9	5.5
63	8.0	-19.8	-20.0	4.7	4.7	4.7	4.7	4.7	4.7
		-18.8	-19.0	4.9	4.9	4.8	4.8	4.8	4.8
		-16.7	-17.0	5.1	5.1	5.1	5.1	5.1	5.1
		-14.7	-15.0	5.4	5.4	5.4	5.4	5.4	5.4
		-12.6	-13.0	5.7	5.7	5.7	5.7	5.7	5.7
		-10.5	-11.0	6.0	6.0	6.0	6.0	6.0	5.9
		-9.5	-10.0	6.1	6.1	6.1	6.1	6.1	6.1
		-8.5	-9.1	6.3	6.3	6.2	6.2	6.2	6.2
		-7.0	-7.6	6.5	6.5	6.4	6.4	6.4	6.4
		-5.0	-5.6	6.8	6.7	6.7	6.7	6.7	6.7
		-3.0	-3.7	7.0	7.0	7.0	7.0	7.0	7.0
		0.0	-0.7	7.5	7.4	7.4	7.4	7.4	7.0
		3.0	2.2	7.9	7.8	7.8	7.7	7.5	7.0
		5.0	4.1	8.1	8.1	8.0	7.7	7.5	7.0
		7.0	6.0	8.4	8.4	8.0	7.7	7.5	7.0
		9.0	7.9	8.7	8.5	8.0	7.7	7.5	7.0
		11.0	9.8	8.9	8.5	8.0	7.7	7.5	7.0
		13.0	11.8	9.0	8.5	8.0	7.7	7.5	7.0
		15.0	13.7	9.0	8.5	8.0	7.7	7.5	7.0

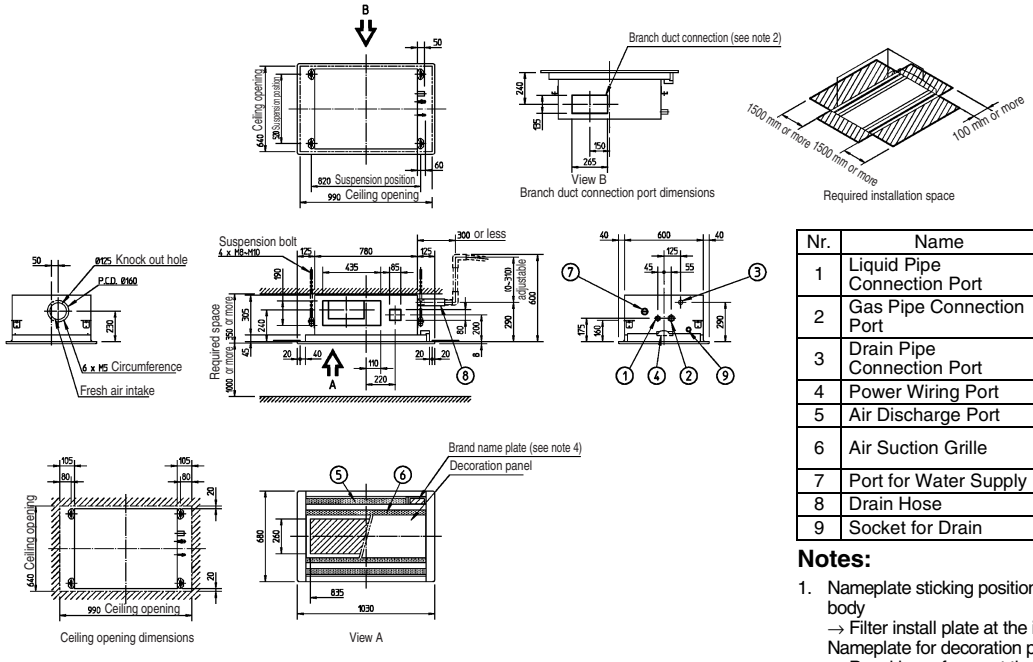
Unit Size	Nominal capacity	Outdoor air temperature		Indoor air temperature °CDB					
				16.0	18.0	20.0	21.0	22.0	24.0
		°CDB	°CWB	kW	kW	kW	kW	kW	kW
80	10.0	-19.8	-20.0	5.9	5.9	5.9	5.9	5.9	5.8
		-18.8	-19.0	6.1	6.1	6.0	6.0	6.0	6.0
		-16.7	-17.0	6.4	6.4	6.4	6.4	6.4	6.4
		-14.7	-15.0	6.8	6.8	6.8	6.7	6.7	6.7
		-12.6	-13.0	7.1	7.1	7.1	7.1	7.1	7.1
		-10.5	-11.0	7.5	7.5	7.5	7.5	7.4	7.4
		-9.5	-10.0	7.7	7.7	7.6	7.6	7.6	7.6
		-8.5	-9.1	7.8	7.8	7.8	7.8	7.8	7.8
		-7.0	-7.6	8.1	8.1	8.1	8.1	8.0	8.0
		-5.0	-5.6	8.4	8.4	8.4	8.4	8.4	8.4
		-3.0	-3.7	8.8	8.8	8.7	8.7	8.7	8.7
		0.0	-0.7	9.3	9.3	9.3	9.3	9.3	8.7
		3.0	2.2	9.8	9.8	9.8	9.7	9.4	8.7
		5.0	4.1	10.2	10.1	10.0	9.7	9.4	8.7
		7.0	6.0	10.5	10.5	10.0	9.7	9.4	8.7
		9.0	7.9	10.8	10.6	10.0	9.7	9.4	8.7
		11.0	9.8	11.2	10.6	10.0	9.7	9.4	8.7
		13.0	11.8	11.3	10.6	10.0	9.7	9.4	8.7
		15.0	13.7	11.3	10.6	10.0	9.7	9.4	8.7
125	16.0	-19.8	-20.0	9.4	9.4	9.4	9.4	9.4	9.3
		-18.8	-19.0	9.7	9.7	9.7	9.7	9.6	9.6
		-16.7	-17.0	10.3	10.3	10.2	10.2	10.2	10.2
		-14.7	-15.0	10.9	10.8	10.8	10.8	10.8	10.7
		-12.6	-13.0	11.4	11.4	11.4	11.4	11.3	11.3
		-10.5	-11.0	12.0	12.0	11.9	11.9	11.9	11.9
		-9.5	-10.0	12.3	12.2	12.2	12.2	12.2	12.2
		-8.5	-9.1	12.5	12.5	12.5	12.5	12.4	12.4
		-7.0	-7.6	13.0	12.9	12.9	12.9	12.9	12.8
		-5.0	-5.6	13.5	13.5	13.5	13.4	13.4	13.4
		-3.0	-3.7	14.1	14.0	14.0	14.0	14.0	13.9
		0.0	-0.7	14.9	14.9	14.8	14.8	14.8	13.9
		3.0	2.2	15.7	15.7	15.7	15.5	15.0	13.9
		5.0	4.1	16.3	16.2	16.0	15.5	15.0	13.9
		7.0	6.0	16.8	16.8	16.0	15.5	15.0	13.9
		9.0	7.9	17.3	17.0	16.0	15.5	15.0	13.9
		11.0	9.8	17.9	17.0	16.0	15.5	15.0	13.9
		13.0	11.8	18.1	17.0	16.0	15.5	15.0	13.9
		15.0	13.7	18.1	17.0	16.0	15.5	15.0	13.9

3TW21172-2

6. Dimensions

6.1 Dimensional Drawings

S-20, 25, 32LM3HPQ



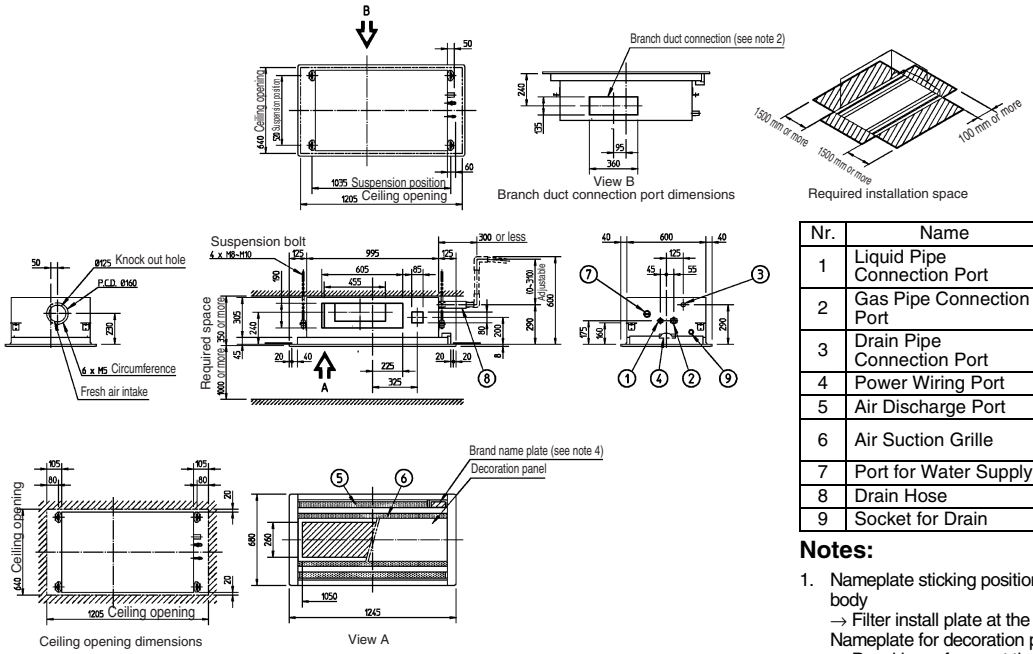
Nr.	Name	Description
1	Liquid Pipe Connection Port	ϕ6.4 Flare Connection
2	Gas Pipe Connection Port	ϕ12.7 Flare Connection
3	Drain Pipe Connection Port	VP25 (O.D. ϕ32, I.D. ϕ25)
4	Power Wiring Port	
5	Air Discharge Port	
6	Air Suction Grille	VP25 (O.D. ϕ32, I.D. ϕ25)
7	Port for Water Supply	
8	Drain Hose	O.D. ϕ32
9	Socket for Drain	

Notes:

1. Nameplate sticking position, Nameplate for cassette body
   → Filter install plate at the inside of the suction grille
   Nameplate for decoration panel
   → Panel inner frame at the inside of the suction grille
2. If an optional electric heater is installed, a branch duct cannot be connected for safety reasons.
3. When installing an optional accessory, refer to installation drawings.
4. In case of using an infrared remote control, this position will be a signal receiver. Refer to the drawing of the infrared remote control for details.

3TW25514-1

S-40, 50LM3HPQ



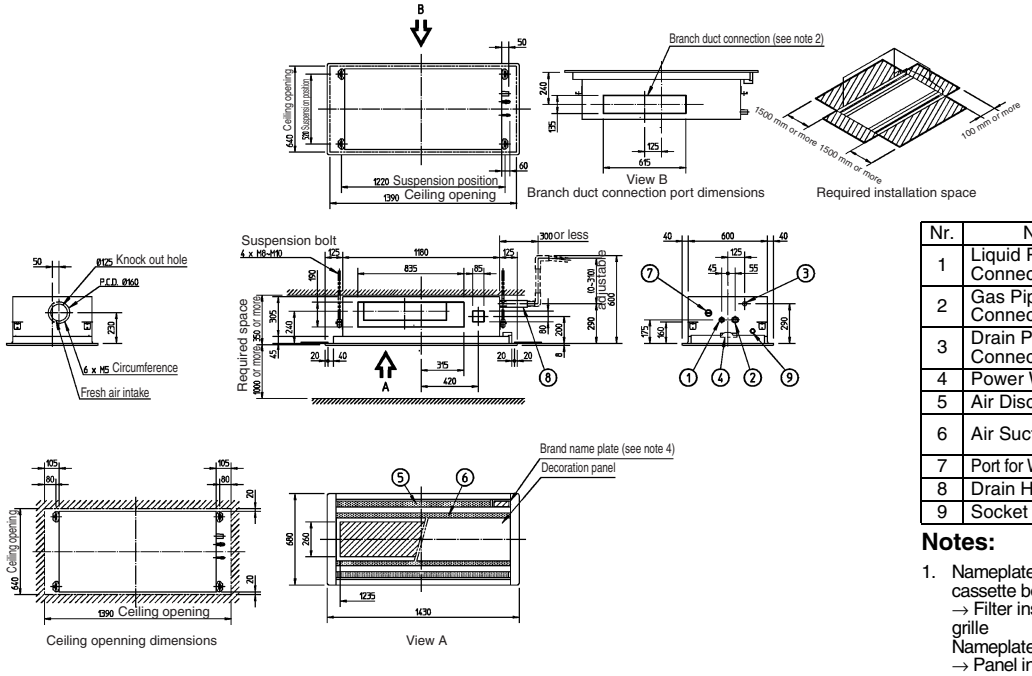
Nr.	Name	Description
1	Liquid Pipe Connection Port	ϕ6.4 Flare Connection
2	Gas Pipe Connection Port	ϕ12.7 Flare Connection
3	Drain Pipe Connection Port	VP25 (O.D. ϕ32, I.D. ϕ25)
4	Power Wiring Port	
5	Air Discharge Port	
6	Air Suction Grille	VP25 (O.D. ϕ32, I.D. ϕ25)
7	Port for Water Supply	
8	Drain Hose	O.D. ϕ32
9	Socket for Drain	

Notes:

1. Nameplate sticking position, Nameplate for cassette body
   → Filter install plate at the inside of the suction grille
   Nameplate for decoration panel
   → Panel inner frame at the inside of the suction grille
2. If an optional electric heater is installed, a branch duct cannot be connected for safety reasons.
3. When installing an optional accessory, refer to installation drawings.
4. In case of using an infrared remote control, this position will be a signal receiver. Refer to the drawing of the infrared remote control for details.

3TW25544-1

S-63LM3HPQ



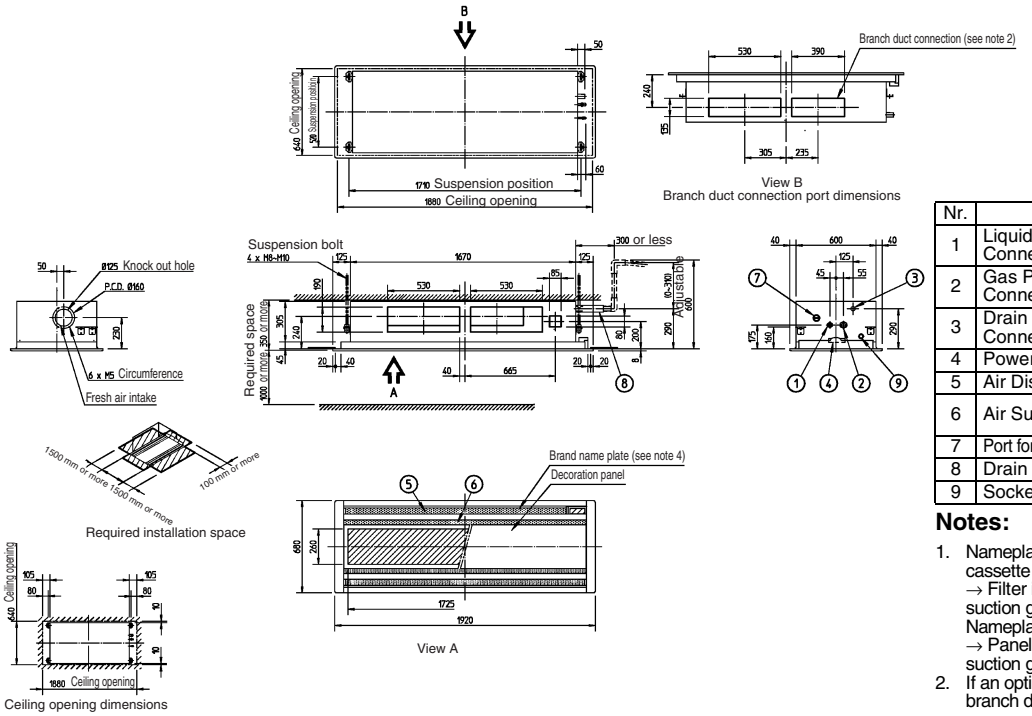
Nr.	Name	Description
1	Liquid Pipe Connection Port	ϕ9.5 Flare Connection
2	Gas Pipe Connection Port	ϕ15.9 Flare Connection
3	Drain Pipe Connection Port	VP25 (O.D. ϕ32, I.D. ϕ25)
4	Power Wiring Port	
5	Air Discharge Port	
6	Air Suction Grille	VP25 (O.D. ϕ32, I.D. ϕ25)
7	Port for Water Supply	
8	Drain Hose	O.D. ϕ32
9	Socket for Drain	

Notes:

1. Nameplate sticking position, Nameplate for cassette body
   → Filter install plate at the inside of the suction grille
   Nameplate for decoration panel
   → Panel inner frame at the inside of the suction grille
2. If an optional electric heater is installed, a branch duct cannot be connected for safety reasons.
3. When installing an optional accessory, refer to installation drawings.
4. In case of using an infrared remote control, this position will be a signal receiver. Refer to the drawing of the infrared remote control for details.

3TW25564-1

S-80LM3HPQ



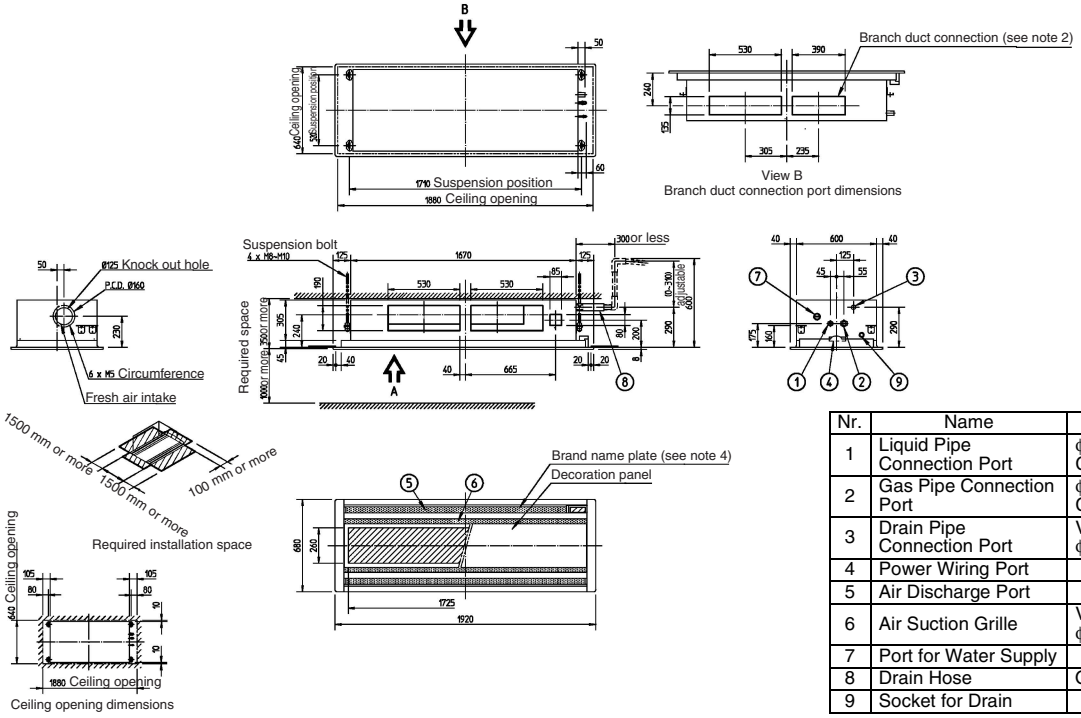
Nr.	Name	Description
1	Liquid Pipe Connection Port	ϕ9.5 Flare Connection
2	Gas Pipe Connection Port	ϕ15.9 Flare Connection
3	Drain Pipe Connection Port	VP25 (O.D. ø32, I.D. ϕ25)
4	Power Wiring Port	
5	Air Discharge Port	
6	Air Suction Grille	VP25 (O.D. ϕ32, I.D. ϕ25)
7	Port for Water Supply	
8	Drain Hose	O.D. ϕ32
9	Socket for Drain	

Notes:

1. Nameplate sticking position, Nameplate for cassette body
   → Filter install plate at the inside of the suction grille
   Nameplate for decoration panel
   → Panel inner frame at the inside of the suction grille
2. If an optional electric heater is installed, a branch duct cannot be connected for safety reasons.
3. When installing an optional accessory, refer to installation drawings.
4. In case of using an infrared remote control, this position will be a signal receiver. Refer to the drawing of the infrared remote control for details.

3TW25574-1

S-125LM3HPQ



Nr.	Name	Description
1	Liquid Pipe Connection Port	ϕ9.5 Flare Connection
2	Gas Pipe Connection Port	ϕ15.9 Flare Connection
3	Drain Pipe Connection Port	VP25 (O.D. ϕ32, I.D. ϕ25)
4	Power Wiring Port	
5	Air Discharge Port	
6	Air Suction Grille	VP25 (O.D. ϕ32, I.D. ϕ25)
7	Port for Water Supply	
8	Drain Hose	O.D. ϕ32
9	Socket for Drain	

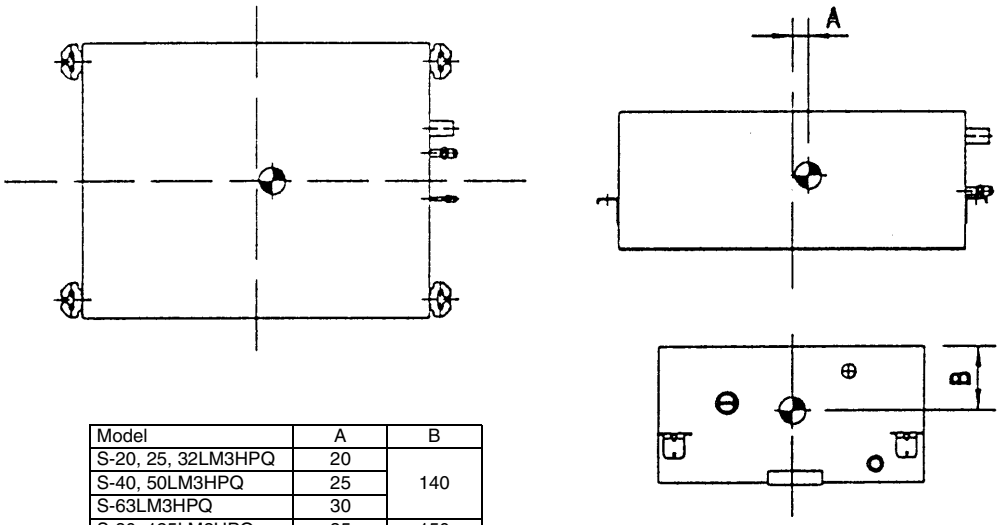
Notes:

1. Nameplate sticking position, Nameplate for cassette body
   → Filter install plate at the inside of the suction grille
   Nameplate for decoration panel
   → Panel inner frame at the inside of the suction grille
2. If an optional electric heater is installed, a branch duct cannot be connected for safety reasons.
3. When installing an optional accessory, refer to installation drawings.
4. In case of using an infrared remote control, this position will be a signal receiver. Refer to the drawing of the infrared remote control for details.

3TW25584-1

6.2 Centre of Gravity

S-LM3HPQ

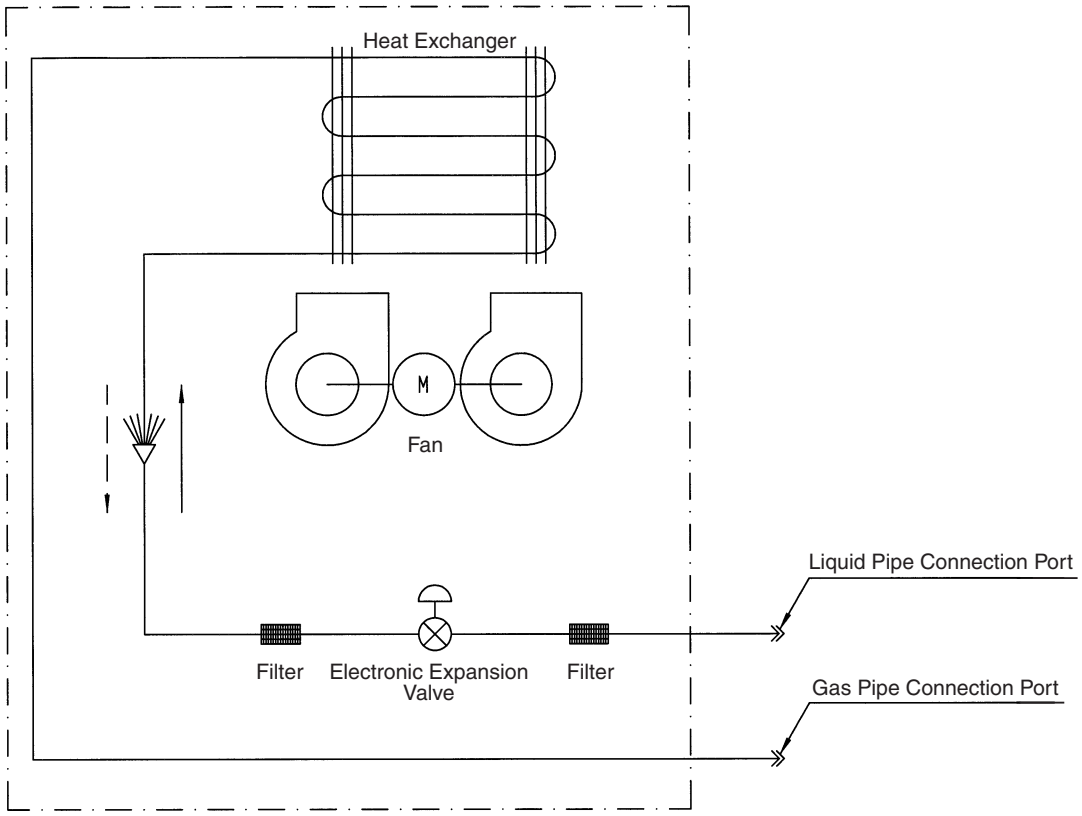


Model	A	B
S-20, 25, 32LM3HPQ	20	140
S-40, 50LM3HPQ	25	
S-63LM3HPQ	30	
S-80, 125LM3HPQ	35	150

4TW25519-2

7. Piping Diagram

S-LM3HPQ



Refrigerant Flow

Cooling ——→

Heating - - - →

Piping Connection Diameter

Model	Gas	Liquid
S-20, 25, 32, 40, 50LM3HPQ	ϕ12.7	ϕ6.4
S-63, 80, 125LM3HPQ	ϕ15.9	ϕ9.5

Check Valve

Flare Connection

Screw Connection

Flange Connection

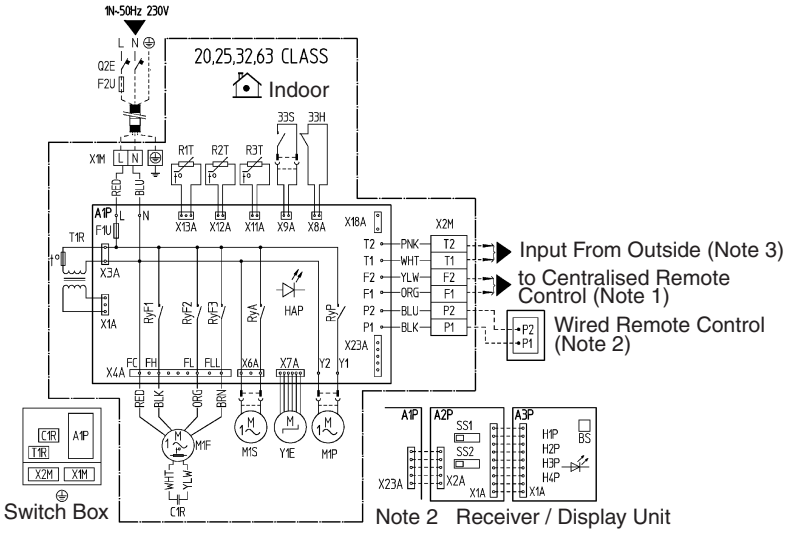
Pinched Pipe

Spinned Pipe

3TW25515-1

8. Wiring Diagrams

S-20, 25, 32, 63LM3HPQ



33H	Float Switch	R2T, R3T	Thermistor (coil)	BS	On/Off Button
33S	Limit Switch (Swing Flap)	Q2E	Earth Leak Detector	H1P	Light Emitting Diode (On-Red)
A1P	Printed Circuit Board	RyA	Magnetic Relay (M1S)	H2P	Light Emitting Diode (Timer-Green)
C1R	Capacitor (M1F)	RyF1-3	Magnetic Relay (M1F)	H3P	Light Emitting Diode (Filter Sign-Red)
F1T	Thermal Fuse (152°C) (M1F Embedded)	RyP	Magnetic Relay (M1P)	H4P	Light Emitting Diode (Defrost-Orange)
F1U	Fuse (250V, 5A)	T1R	Transformer (220-240V/22V)	SS1	Selector Switch (Main/Sub)
F2U	Field Fuse	X1M	Terminal Strip (Power)	SS2	Selector Switch (Infrared Address Set)
HAP	Light Emitting Diode (Service Monitor-Green)	X2M	Terminal Strip (Control)	Connector for Optional Parts	
M1F	Motor (Indoor Fan)	Y1E	Electronic Expansion Valve	X18A	Connector (Wiring Adapter for Electrical Appendices)
M1S	Motor (Swing Flap)	Receiver/Display Unit (Attached to Infrared Remote Control)		X23A	Connector (Infrared Remote Control)
M1P	Motor (Drain Pump)				
R1T	Thermistor (Air)	A2P, A3P	Printed Circuit Board		

- - - - - - - -	: Field Wiring
□□□□	: Terminal
⊡ ▬▸	: Connector
-o-	: Wire Clamp

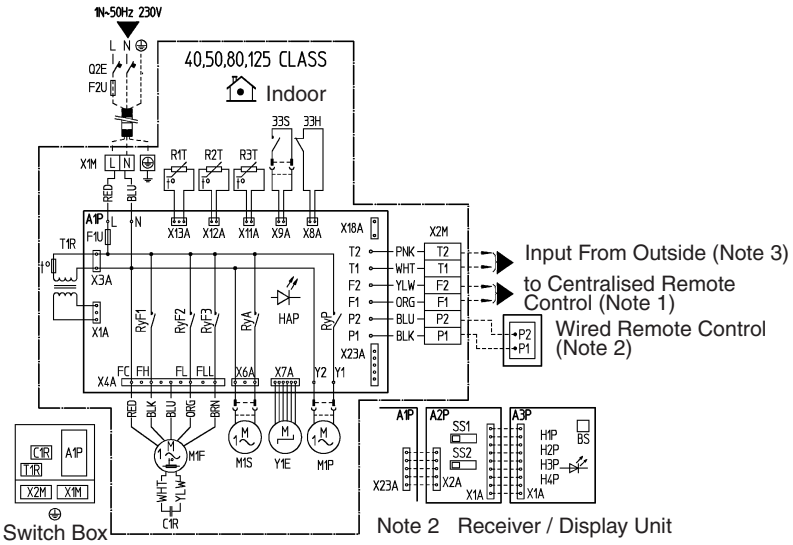
COLORS : BLK : Black, BLU : Blue, BRN : Brown, ORG : Orange, GRY : Gray, PNK : Pink, RED : Red, WHT : White, YLW : Yellow

Notes:

1. When using a centralized remote control, see manual for connection to the unit.
2. X23A is connected when the infrared remote control kit is used.
3. When connecting the input wires from the outdoor unit, 'forced off' or 'on/off' operation can be selected by the remote control. For more details see installation manual.
4. Use copper conductors only.

2TW23776-1B

S-40, 50, 80, 125LM3HPQ



33H	Float Switch	R2T, R3T	Thermistor (Coil)	BS	On/Off Button
33S	Limit Switch (Swing Flap)	Q2E	Earth Leak Detector	H1P	Light Emitting Diode (On-Red)
A1P	Printed Circuit Board	RyA	Magnetic Relay (M1S)	H2P	Light Emitting Diode (Timer-Green)
C1R	Capacitor (M1F)	RyF1-3	Magnetic Relay (M1F)	H3P	Light Emitting Diode (Filter Sign-Red)
F1T	Thermal Fuse (152°C) (M1F Embedded)	RyP	Magnetic Relay (M1P)	H4P	Light Emitting Diode (Defrost-Orange)
F1U	Fuse (250V, 5A)	T1R	Transformer (220-240V/22V)	SS1	Selector Switch (Main/Sub)
F2U	Field Fuse	X1M	Terminal Strip (Power)	SS2	Selector Switch (Infrared Address Set)
HAP	Light Emitting Diode (Service Monitor-Green)	X2M	Terminal Strip (Control)	Connector for Optional Parts	
M1F	Motor (Indoor Fan)	Y1E	Electronic Expansion Valve	X18A	Connector (Wiring, Adapter for Electrical Appendices)
M1S	Motor (Swing Flap)	Receiver/Display Unit (Attached to Infrared Remote Control)		X23A	Connector (Infrared Remote Control)
M1P	Motor (Drain Pump)				
R1T	Thermistor (Air)	A2P, A3P	Printed Circuit Board		

: Field Wiring
: Terminal
: Connector
: Wire Clamp

COLORS : BLK : Black, BLU : Blue, BRN : Brown, ORG : Orange, GRY : Gray, PNK : Pink, RED : Red, WHT : White, YLW : Yellow

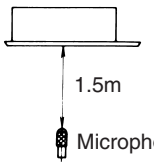
Notes:

1. When using a centralized remote control, see manual for connection to the unit.
2. X23A is connected when the infrared remote control kit is used.
3. When connecting the input wires from the outdoor unit, 'forced off' or 'on/off' operation can be selected by the remote control. For more details see installation manual.
4. Use copper conductors only.

2TW23806-1B

9. Sound level

9.1 Measuring Conditions

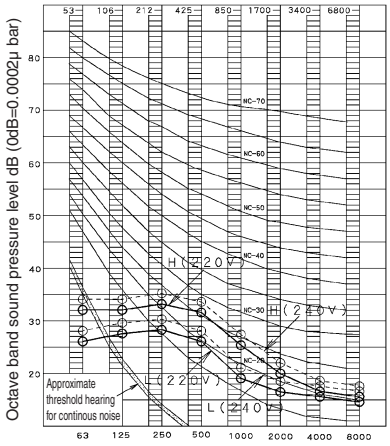
Model	Sound Pressure Level - 230V			Sound Power Level
	H	L	Measuring Location	
S-20LM3HPQ	33	28		45
S-25LM3HPQ	35	29		50
S-32LM3HPQ	35	29		50
S-40LM3HPQ	35.5	30.5		50
S-50LM3HPQ	35.5	30.5		50
S-63LM3HPQ	38	33		52
S-80LM3HPQ	40	35		54
S-125LM3HPQ	45	39		60

Notes:

1. dBA = A-weighted sound pressure level (A-scale according to IEC).
2. Reference acoustic pressure 0 dB = 20 Pa.
3. These operating values were obtained in a dead room (conversion values). Noise values will vary depending on a range of factors such as the construction of the particular room in which the equipment is installed.
4. Operating noise differs with operation and ambient conditions.

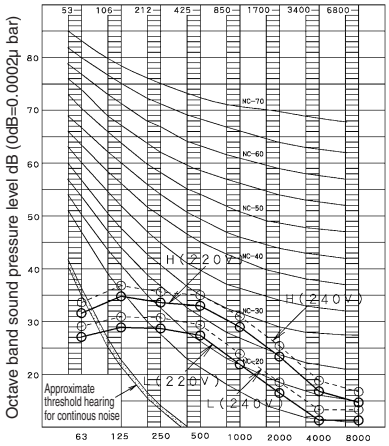
9.2 Sound Pressure Spectrum

S-20LM3HPQ



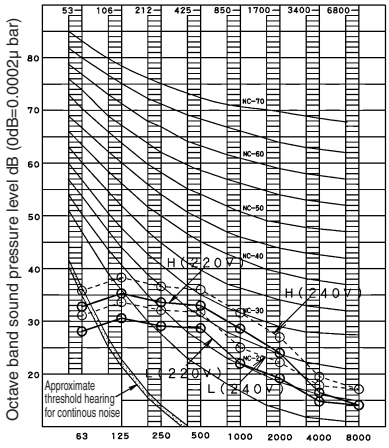
4D034329

S-25,32LM3HPQ



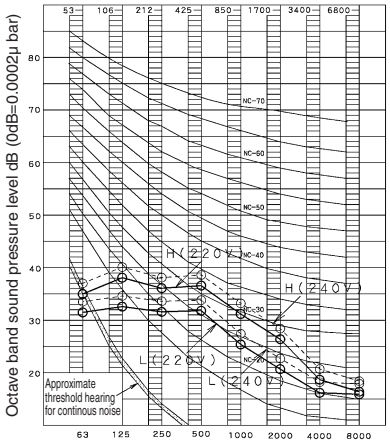
4D034330

S-40,50LM3HPQ



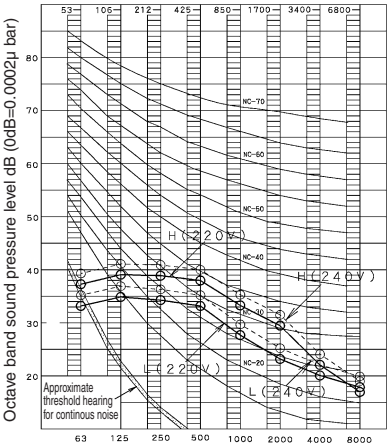
4D034331

S-63LM3HPQ



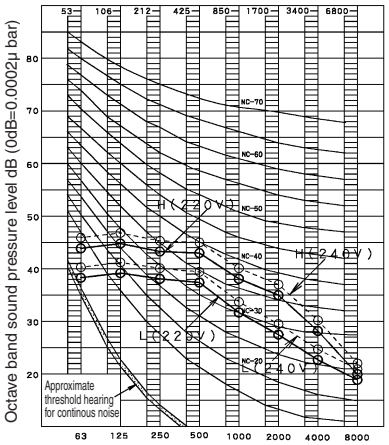
4D034332

S-80LM3HPQ



4D034333

S-125LM3HPQ



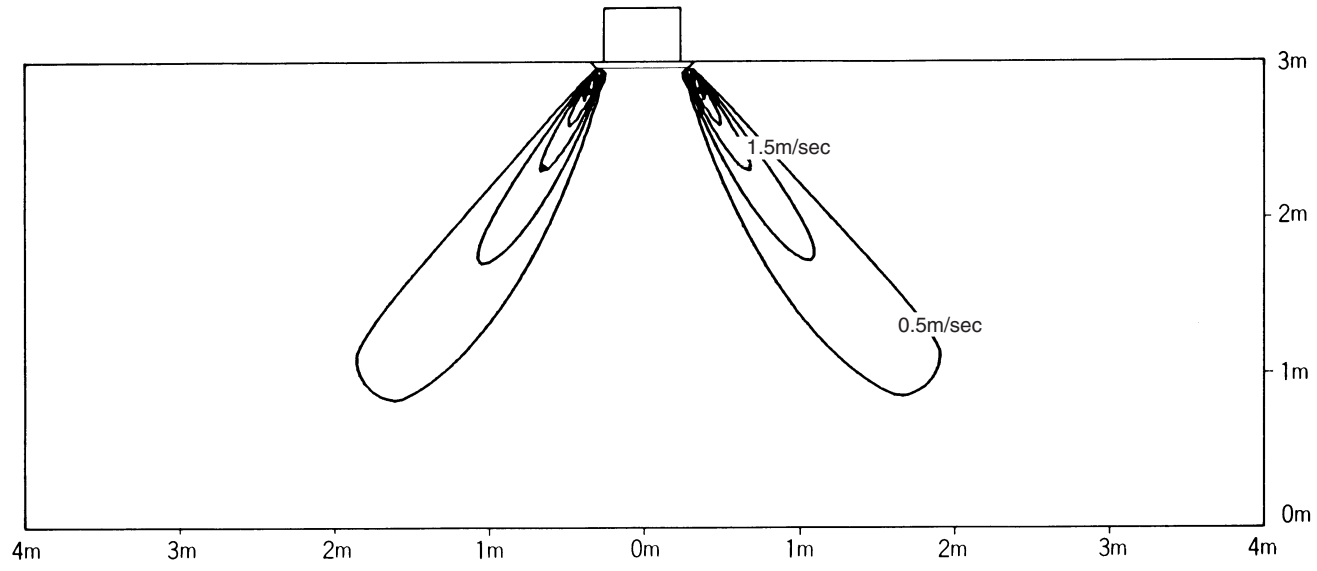
4D034334

10. Air Flow Pattern

S-63LM3HPQ

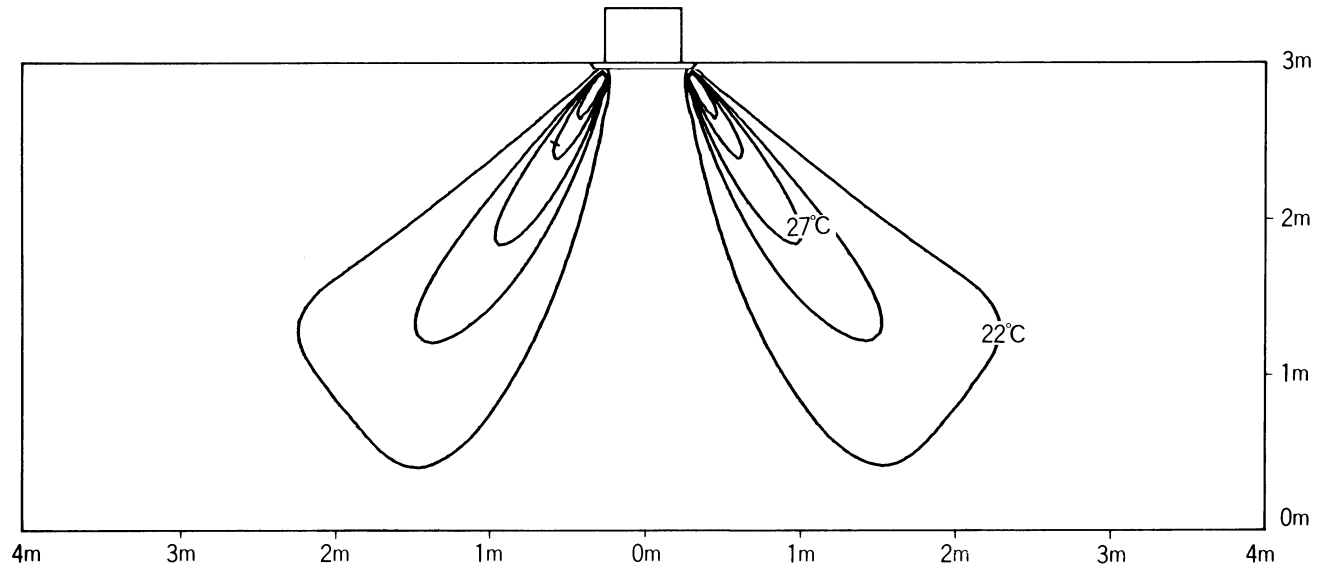
Heating air velocity distribution

Discharge angle: 60°



Heating temperature distribution

Discharge angle: 60°



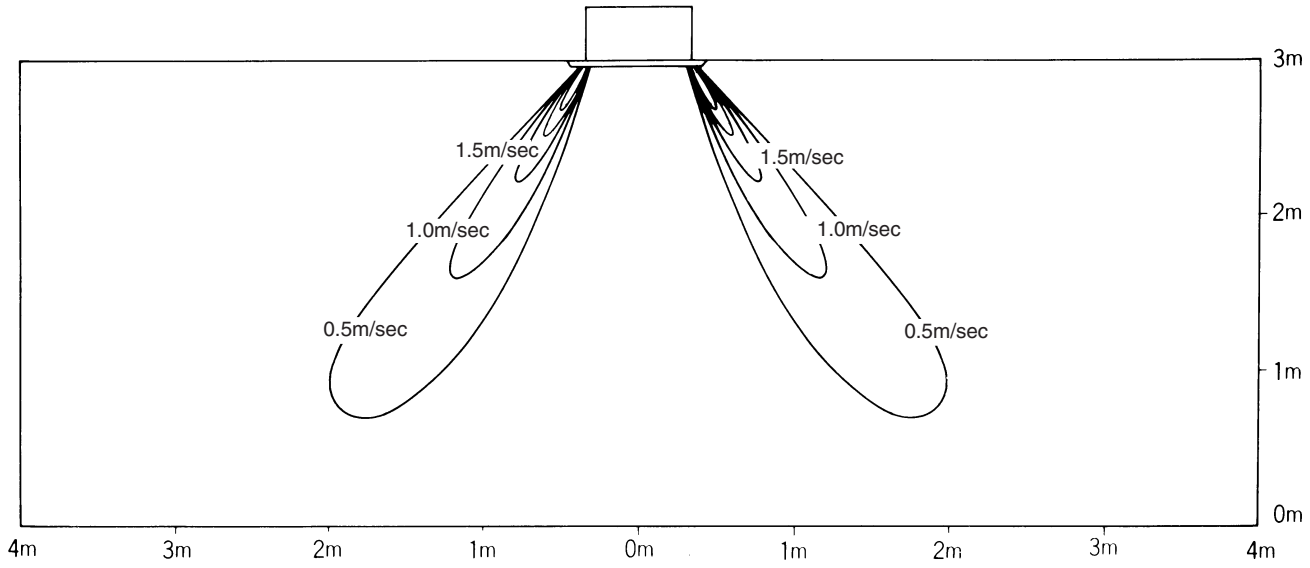
Notes:

1. The standard set-up height of the 2-way blow type is 3 m maximum. Shown here is the measurement distribution at a ceiling height of 3 m.

S-125LM3HPQ

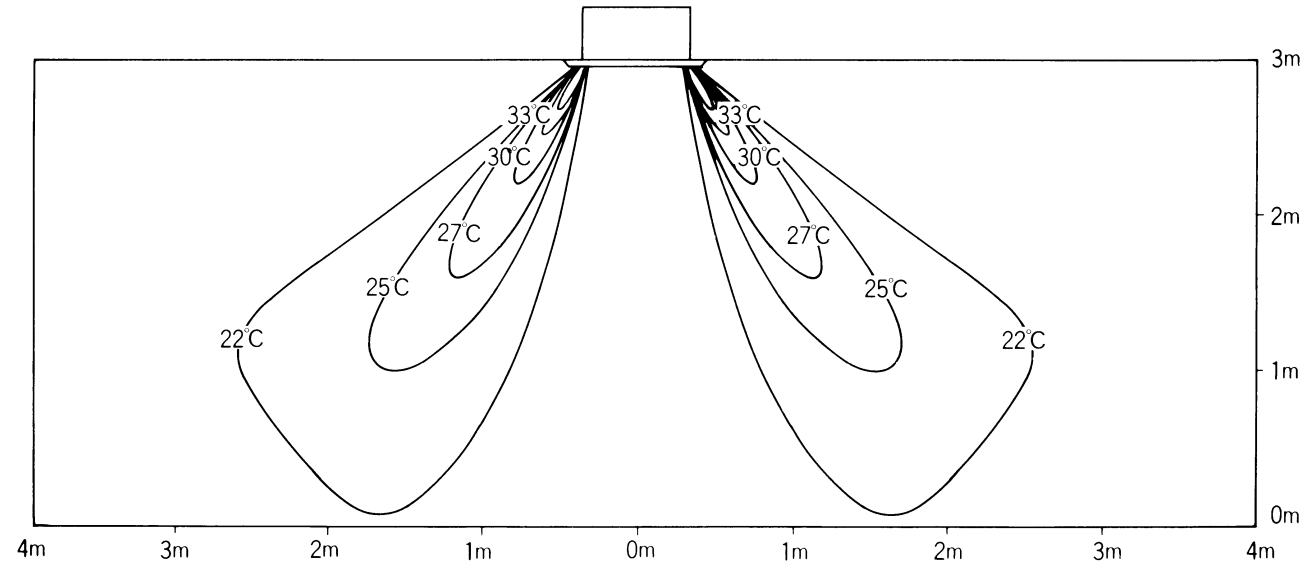
Heating air velocity distribution

Discharge angle: 60°



Heating temperature distribution

Discharge angle: 60°



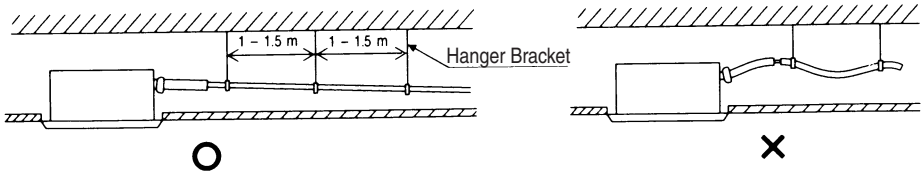
Notes:

1. The standard set-up height of the 2-way blow type is 3 m maximum. Shown here is the measurement distribution at a ceiling height of 3 m.

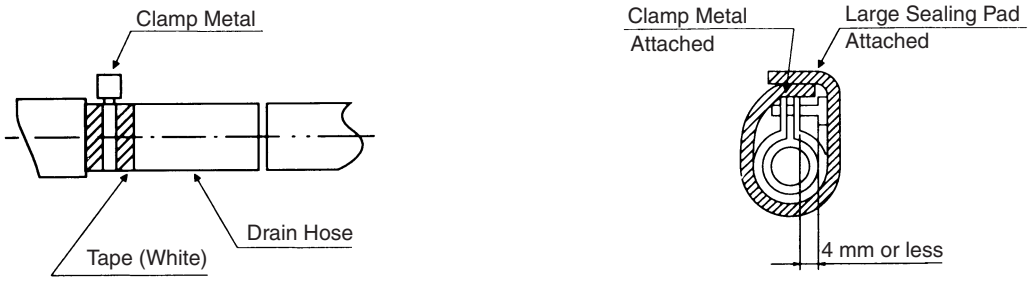
11. Drain Piping

11.1 Rig Drain Piping

- The diameter of the drain pipe should be greater than or equal to the diameter of the connecting pipe (vinyl tube; pipe size: 25 mm; outer dimension: 32 mm).
- Keep the drain pipe short and sloping downwards at a gradient of at least 1/100 to prevent the formation of air pockets.
- If the drain hose cannot be sufficiently set on a slope, execute the drain raising piping.
- To keep the drain hose from sagging, space hanging wires every 1 to 1.5 m.

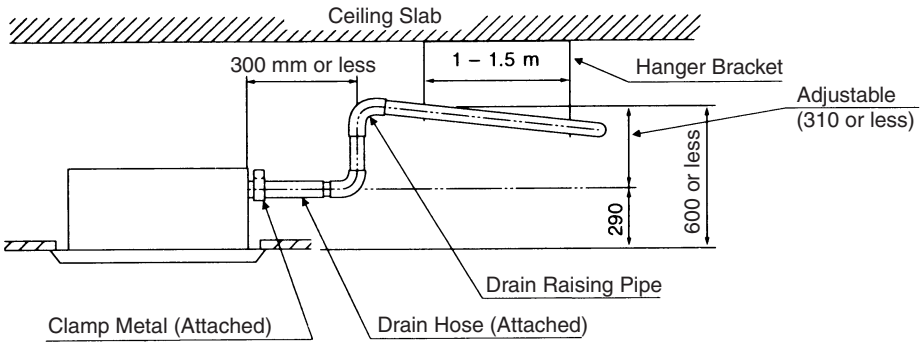


- Use the attached drain hose and clamp metal. Insert the drain hose into the drain socket, up to the white tape. Tighten the clamp until the screw head is less than 4 mm from the hose.
- Wrap the attached sealing pad over the clamp and drain hose to insulate.
- Insulate the drain hose inside the building.

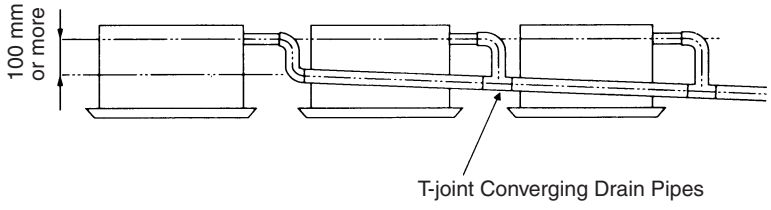


Precautions for drain raising piping

- Install the drain raising pipes at a height of less than 310 mm.
- Install the drain raising pipes at a right angle to the indoor unit and no more than 300 mm from the unit.



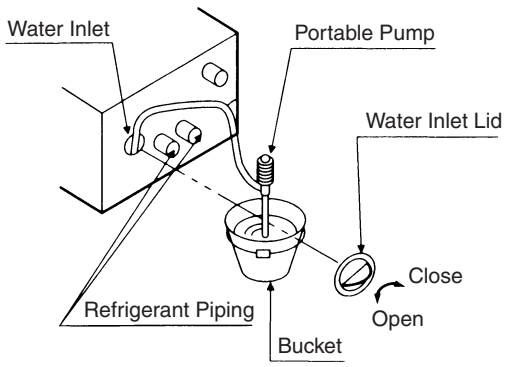
- If converging multiple drain pipes, install according to the procedure shown below.



- Select converging drain pipes whose gauge is suitable for the operating capacity of the unit.

11.2 After Piping Work is Finished, Check If Drainage Flows Smoothly

- Open the water inlet lid, add approximately 2500cc of water gradually and check drainage flow.

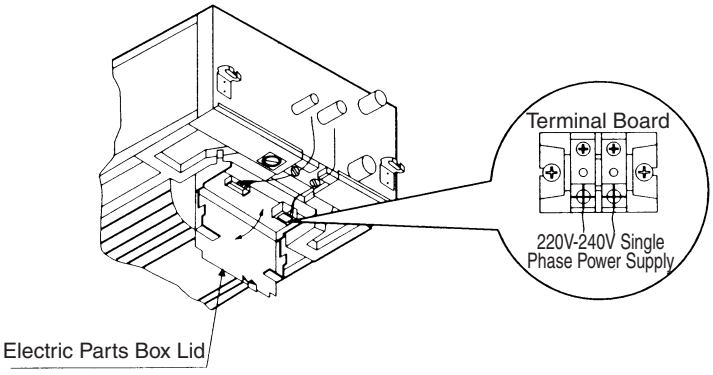


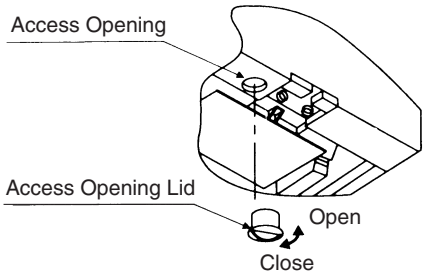
11.3 When Electric Wiring Work is Finished

- Check drainage flow during COOL running, explained under “TEST OPERATION”.

11.4 When Electric Wiring Work is Not Finished

- Remove the electric parts box lid, connect power supply and remote control to the terminals. (Refer to the installation manual)
- Next, press the inspection/test operation button “ TEST ” on the remote control. The unit will engage the test operation mode. Press the operation mode selector button “ ” until selection FAN operation “ ”. Then, press the ON/OFF button “ ”. The indoor unit fan and drain pump will start up. Check that the water has drained from the unit. Press “ TEST ” to go back to the first mode.
- You can check whether drainage is satisfactory or not by removing the access opening lid and checking the water level of the drain pan through the access opening.
- Be careful when doing so because the fan is turning at the same time.





S-YM3HPS
2×2 Cassette Type

1. Features 388
2. Specifications 391
2.1 Technical Specifications 391
2.2 Electrical Specifications 392
2.3 Safety Device Settings 392
3. Accessories 393
4. Control Systems 394
4.1 Individual Control Systems 394
4.2 Centralized Control Systems 394
4.3 Others 394
5. Capacity Tables 395
5.1 Cooling Capacity 395
5.2 Heating Capacity 397
6. Dimensions 399
6.1 Dimensional Drawings 399
6.2 Dimensional Drawing with Optional Accessories 399
6.3 Centre of Gravity 400
7. Piping Diagram 401
8. Wiring Diagram 402
9. Sound Level 403
9.1 Sound Level Data 403
9.2 Sound Pressure Spectrum 403
10. Air Flow Pattern 404

1. Features

External Appearance



Compact and Slim

- Leaves maximum floor and wall space free for furniture, decoration and fittings
- New and extremely compact casing (575 mm in depth) enables unit to fit flush into ceilings and match standard architectural modules
- Modern style decoration panel in super white
- Extremely quiet indoor and outdoor operation
- Possibility to shut off 1 or 2 flaps for easy installation in corners
- Excellent low draught characteristics
- Automatic airflow director ensures uniform airflow and temperature distribution

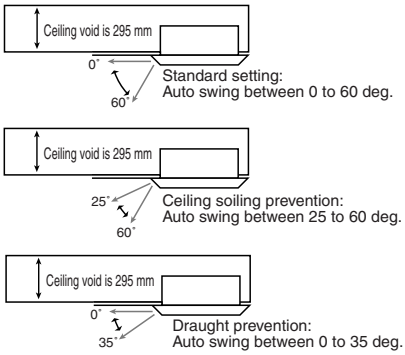
Very Silent in Operation

- The unit is very silent in operation as indicated by the sound pressure levels given in table below

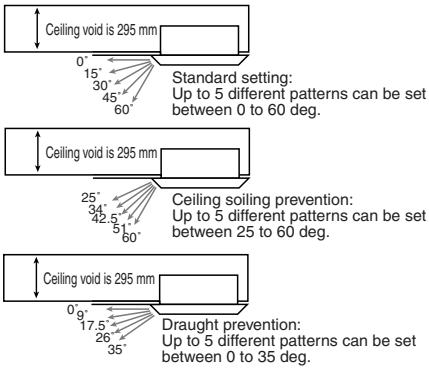
Class	High	Low
S-20YM3HPS	30	25
S-25YM3HPS	30	25
S-32YM3HPS	32	26
S-40YM3HPS	36	28
S-50YM3HPS	41	33

Maximum Comfort with Whisper Quiet Multi Blow Air Distribution Throughout the Room

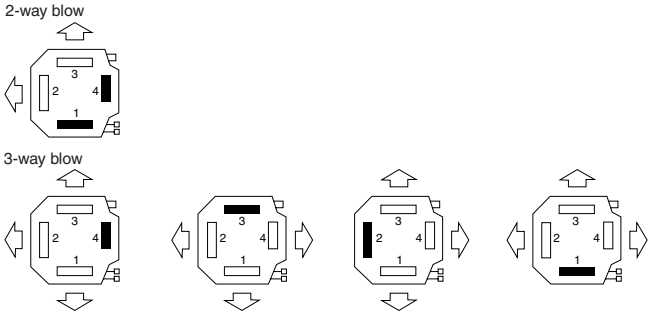
- Auto swing:
  Vertical auto swing moves the discharge flaps up and down to distribute air effectively throughout the room. Since the flaps can move to a zero deg. position, virtually no draught can be experienced



- 5 different airflow patterns:
  Any one of five airflow patterns can be freely selected between zero and 60deg. and will then be maintained during the operational cycle of the air conditioner.

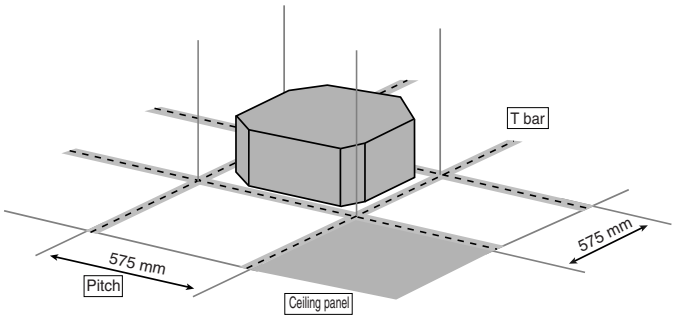


- Multi flow system
  Airflow rates and directions can be selected to suit varying room shapes with 2, 3 or 4-way blow air distribution. For 2-way or 3-way blow installation, the sealing component on the air discharge outlet (optional)

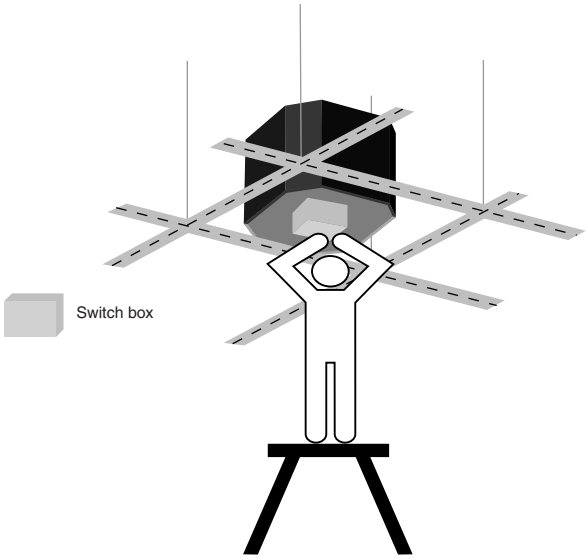


Easy Installation and Maintenance

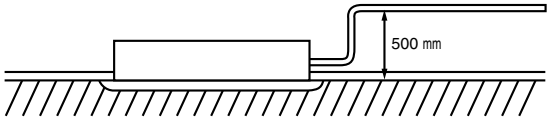
- Due to its compact casing, the unit fits flush into standard ceiling tiles – thus no ceiling tile cutting is necessary. The cassette blends unobtrusively into the ceiling.



- Since the switch box is located within the unit, it is easy to access from below for maintenance without removing ceiling tiles. Furthermore the switch box can be reached by simply removing the suction grille; therefore maintenance can be done very easily.



- The unit is provided with a standard 500mm lift drain pump



2. Specifications

2.1 Technical Specifications

S-YM3HPS				20	25	32	40	50
Cooling Capacity			kW	2.2	2.8	3.6	4.5	5.6
Heating Capacity			kW	2.5	3.2	4.0	5.0	6.3
Nominal Input	Cooling		W	73	73	76	89	115
	Heating		W	64	64	68	80	107
Dimensions	Unit	HxWxD	mm	286 x 575 x 575				
	Decoration Panel	HxWxD	mm	55 x 700 x 700				
Weight	Unit		kg	18				
	Decoration Panel		kg	2.7				
Casing				Galvanized Steel Plate				
Colour	Decoration Panel			White (RAL 9010)				
Sound Level - 220V	Sound Pressure	High	dB(A)	30	30	32	36	41
		Low	dB(A)	25	25	26	28	33
	Sound Power		dB(A)	47	47	49	53	58
Fan	Air Flow Rate	High	m^3/h	540	540	570	660	840
		Low	m^3/h	420	420	450	480	600
	Type			Turbo Fan				
	Model			QTS32C15M				
	Motor Output		W	55				
	Drive			Direct Drive				
Heat Exchanger	Type			Cross Fin Coil				
	Rows x Stages x Fin Pitch		mm	2 x 10 x 1.5				
	Face Area		m^2	0.269				
Air Filter				Resin Net with Mold Resistant				
Refrigerant Control				Electronic Expansion Valve				
Temperature Control				Microprocessor Thermostat for Cooling and Heating				
Piping Connections	Liquid	Flare	mm	6.4				
	Gas	Flare	mm	12.7				
	Drain		mm	VP20 (External Diamter:26, Internal Diameter:20)				
Sound Absorbing Thermal Insulation				Foamed Polystyrene / Foamed Polyethylene				

3D038929A

Notes:

1. Nominal cooling capacities are based on:
   - Indoor temperature: 27°CDB, 19°CWB
   - Outdoor temperature: 35°CDB
   - Equivalent refrigerant piping: 7.5m (horizontal)
2. Nominal heating capacities are based on:
   - Indoor temperature: 20°CDB
   - Outdoor temperature: 7°CDB, 6°CWB
   - Equivalent refrigerant piping: 7.5m (horizontal)
3. Capacities are net including a deduction for cooling (an addition for heating) for indoor fan motor heat.

2.2 Electrical Specifications

S-YM3HPS			20	25	32	40	50
Current	Minimum Circuit Amps (MCA)	A	0.8	0.8	0.8	0.8	0.9
	Maximum Fuse Amps (MFA) (5)	A	15				
Power Supply		VE	1 ~, 50Hz, 220-240V				
Voltage Range	Min~Max	V	198~264				
Indoor Fan Motor	Fan Motor Rated Output	W	55				
	Full Load Amps	A	0.6	0.6	0.6	0.6	0.7

4D040159A

Notes:

1. Voltage range: units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
2. Maximum allowable voltage range variation between phases is 2%.
3. MCA/MFA:
   MCA = 1.25 x FLA
   MFA ≤ 4 x FLA
   next lower standard fuse rating minimum 15A.
4. Select wire size based on MCA.
5. Instead of a fuse, use a circuit breaker

2.3 Safety Device Settings

S-YM3HPS		20	25	32	40	50
PC Board Fuse		250V 5A				
Fan Motor Thermal Protector	°C	OFF: $130^{\pm 5}$ / ON: $83^{\pm 20}$				

3D006691J

3. Accessories

S-YM3HPS	20	25	32	40	50
Decoration Panel	CZ-02KPY11P				
Sealing Member of Air Discharge Outlet	KDBHQ44B60				
Panel Spacer	KDBQ44B60				
Replacement Long Life Filter	KAFQ441B60				
Fresh Air Intake Kit Direct Installation Type	KDDQ44X60				

3D038933

4. Control Systems

4.1 Individual Control Systems

Wired Remote Control		CZ-02RT11P
Infrared Remote Control	Heat Pump	CZ-10RWY12P

4.2 Centralized Control Systems

Centralized Remote Control	CZ-01ESM11P
Unified On/Off Control	CZ-01ANA11P
Schedule Timer	CZ-01ESW11P

4.3 Others

Wiring Adapter	KRP1B57 #
BMS Interface Adapter for Unified Group	KRP2A52 #
BMS Interface Adapter for Individual and Unified Control	KRP4A53 #
Remote Sensor	CZ-10RSA
Installation Box for Adapter PCB (2)	KRP1B101
Electrical Box with Earth Terminal (3 Blocks)	KJB311A
Electrical Box with Earth Terminal (2 Blocks)	KJB212A
Noise Filter (for Electromagnetic Interface Use Only)	KEK26-1
BMS Interface Adapter for Outdoor Units (Installation on Indoor Unit)	DTA104A62 #

3D023974E

Notes:

1. Installation box is necessary for each adapter marked with #
2. Up to 2 installation boxes can be installed per indoor unit

5. Capacity Tables

5.1 Cooling Capacity

TC: Total Capacity;kW – SHC: Sensible Capacity;kW

Unit size	Nominal capacity	Outdoor air temp.	Indoor air temperature													
			14.0WB		16.0WB		18.0WB		19.0WB		20.0WB		22.0WB		24.0WB	
			20.0DB		23.0DB		26.0DB		27.0DB		28.0DB		30.0DB		32.0DB	
		°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
20	2.2	10.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.6	2.6	1.6	2.9	1.7
		12.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.6	2.6	1.6	2.9	1.6
		14.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.6	2.6	1.6	2.8	1.6
		16.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.7	2.6	1.8	2.8	1.7
		18.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.7	2.6	1.8	2.7	1.7
		20.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.7	2.6	1.8	2.7	1.7
		21.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.7	2.6	1.8	2.7	1.6
		23.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.7	2.6	1.7	2.6	1.6
		25.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.7	2.6	1.7	2.6	1.6
		27.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.7	2.5	1.7	2.6	1.6
		29.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.7	2.5	1.7	2.5	1.6
		31.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.7	2.4	1.7	2.5	1.6
		33.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.7	2.4	1.6	2.5	1.5
		35.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.7	2.4	1.6	2.4	1.5
		37.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.7	2.3	1.6	2.4	1.5
		39.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.2	1.7	2.3	1.6	2.3	1.5
25	2.8	10.0	1.9	1.5	2.3	1.8	2.6	2.0	2.8	2.0	3.0	2.0	3.4	2.1	3.7	2.1
		12.0	1.9	1.5	2.3	1.8	2.6	2.0	2.8	2.0	3.0	2.0	3.4	2.1	3.6	2.1
		14.0	1.9	1.5	2.3	1.8	2.6	2.0	2.8	2.0	3.0	2.0	3.4	2.1	3.6	2.1
		16.0	1.9	1.5	2.3	1.8	2.6	2.0	2.8	2.0	3.0	2.0	3.4	2.1	3.5	2.0
		18.0	1.9	1.5	2.3	1.8	2.6	2.0	2.8	2.0	3.0	2.0	3.4	2.1	3.5	2.0
		20.0	1.9	1.5	2.3	1.8	2.6	2.0	2.8	2.0	3.0	2.0	3.4	2.1	3.4	2.0
		21.0	1.9	1.5	2.3	1.8	2.6	2.0	2.8	2.0	3.0	2.0	3.4	2.1	3.4	2.0
		23.0	1.9	1.5	2.3	1.8	2.6	2.0	2.8	2.0	3.0	2.0	3.3	2.1	3.4	1.9
		25.0	1.9	1.5	2.3	1.8	2.6	2.0	2.8	2.0	3.0	2.0	3.3	2.0	3.3	1.9
		27.0	1.9	1.5	2.3	1.8	2.6	2.0	2.8	2.0	3.0	2.0	3.2	2.0	3.3	1.9
		29.0	1.9	1.5	2.3	1.8	2.6	2.0	2.8	2.0	3.0	2.0	3.2	2.0	3.2	1.9
		31.0	1.9	1.5	2.3	1.8	2.6	2.0	2.8	2.0	3.0	2.0	3.1	2.0	3.2	1.9
		33.0	1.9	1.5	2.3	1.8	2.6	2.0	2.8	2.0	3.0	2.0	3.1	2.0	3.1	1.8
		35.0	1.9	1.5	2.3	1.8	2.6	2.0	2.8	2.0	3.0	2.0	3.0	1.9	3.1	1.8
		37.0	1.9	1.5	2.3	1.8	2.6	2.0	2.8	2.0	2.9	2.0	3.0	1.9	3.0	1.8
		39.0	1.9	1.5	2.3	1.8	2.6	2.0	2.8	2.0	2.9	2.0	2.9	1.9	3.0	1.8
32	3.6	10.0	2.4	1.9	2.9	2.1	3.4	2.4	3.6	2.4	3.8	2.4	4.3	2.5	4.7	2.6
		12.0	2.4	1.9	2.9	2.1	3.4	2.4	3.6	2.4	3.8	2.4	4.3	2.5	4.7	2.5
		14.0	2.4	1.9	2.9	2.1	3.4	2.4	3.6	2.4	3.8	2.4	4.3	2.5	4.6	2.5
		16.0	2.4	1.9	2.9	2.1	3.4	2.4	3.6	2.4	3.8	2.4	4.3	2.5	4.6	2.5
		18.0	2.4	1.9	2.9	2.1	3.4	2.4	3.6	2.4	3.8	2.4	4.3	2.5	4.5	2.5
		20.0	2.4	1.9	2.9	2.1	3.4	2.4	3.6	2.4	3.8	2.4	4.3	2.5	4.4	2.4
		21.0	2.4	1.9	2.9	2.1	3.4	2.4	3.6	2.4	3.8	2.4	4.3	2.5	4.4	2.4
		23.0	2.4	1.9	2.9	2.1	3.4	2.4	3.6	2.4	3.8	2.4	4.2	2.5	4.3	2.4
		25.0	2.4	1.9	2.9	2.1	3.4	2.4	3.6	2.4	3.8	2.4	4.2	2.5	4.3	2.4
		27.0	2.4	1.9	2.9	2.1	3.4	2.4	3.6	2.4	3.8	2.4	4.1	2.4	4.2	2.3
		29.0	2.4	1.9	2.9	2.1	3.4	2.4	3.6	2.4	3.8	2.4	4.1	2.4	4.2	2.3
		31.0	2.4	1.9	2.9	2.1	3.4	2.4	3.6	2.4	3.8	2.4	4.0	2.4	4.1	2.3
		33.0	2.4	1.9	2.9	2.1	3.4	2.4	3.6	2.4	3.8	2.4	3.9	2.4	4.0	2.3
		35.0	2.4	1.9	2.9	2.1	3.4	2.4	3.6	2.4	3.8	2.4	3.9	2.3	4.0	2.2
		37.0	2.4	1.9	2.9	2.1	3.4	2.4	3.6	2.4	3.7	2.4	3.8	2.3	3.9	2.2
		39.0	2.4	1.9	2.9	2.1	3.4	2.4	3.6	2.4	3.7	2.4	3.8	2.3	3.8	2.2
40	4.5	10.0	3.0	2.5	3.6	2.9	4.2	3.2	4.5	3.3	4.8	3.3	5.4	3.4	5.9	3.5
		12.0	3.0	2.5	3.6	2.9	4.2	3.2	4.5	3.3	4.8	3.3	5.4	3.4	5.8	3.4
		14.0	3.0	2.5	3.6	2.9	4.2	3.2	4.5	3.3	4.8	3.3	5.4	3.4	5.8	3.4
		16.0	3.0	2.5	3.6	2.9	4.2	3.2	4.5	3.3	4.8	3.3	5.4	3.4	5.7	3.4
		18.0	3.0	2.5	3.6	2.9	4.2	3.2	4.5	3.3	4.8	3.3	5.4	3.4	5.6	3.3
		20.0	3.0	2.5	3.6	2.9	4.2	3.2	4.5	3.3	4.8	3.3	5.4	3.4	5.5	3.3
		21.0	3.0	2.5	3.6	2.9	4.2	3.2	4.5	3.3	4.8	3.3	5.4	3.4	5.5	3.3
		23.0	3.0	2.5	3.6	2.9	4.2	3.2	4.5	3.3	4.8	3.3	5.3	3.4	5.4	3.2
		25.0	3.0	2.5	3.6	2.9	4.2	3.2	4.5	3.3	4.8	3.3	5.2	3.3	5.3	3.2
		27.0	3.0	2.5	3.6	2.9	4.2	3.2	4.5	3.3	4.8	3.3	5.2	3.3	5.3	3.2
		29.0	3.0	2.5	3.6	2.9	4.2	3.2	4.5	3.3	4.8	3.3	5.1	3.3	5.2	3.1
		31.0	3.0	2.5	3.6	2.9	4.2	3.2	4.5	3.3	4.8	3.3	5.0	3.2	5.1	3.1
		33.0	3.0	2.5	3.6	2.9	4.2	3.2	4.5	3.3	4.8	3.3	4.9	3.2	5.0	3.1
		35.0	3.0	2.5	3.6	2.9	4.2	3.2	4.5	3.3	4.7	3.3	4.9	3.2	5.0	3.0
		37.0	3.0	2.5	3.6	2.9	4.2	3.2	4.5	3.3	4.7	3.2	4.8	3.1	4.9	3.0
		39.0	3.0	2.5	3.6	2.9	4.2	3.2	4.5	3.3	4.6	3.2	4.7	3.1	4.8	3.0

TC: Total Capacity;kW – SHC: Sensible Capacity;kW

Unit size	Nominal capacity	Outdoor air temp.	Indoor air temperature													
			14.0WB		16.0WB		18.0WB		19.0WB		20.0WB		22.0WB		24.0WB	
			20.0DB		23.0DB		26.0DB		27.0DB		28.0DB		30.0DB		32.0DB	
		°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
50	5.6	10.0	3.8	3.1	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	4.4	7.4	4.4
		12.0	3.8	3.1	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	4.4	7.3	4.4
		14.0	3.8	3.1	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	4.4	7.2	4.3
		16.0	3.8	3.1	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	4.4	7.1	4.3
		18.0	3.8	3.1	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	4.4	7.0	4.2
		20.0	3.8	3.1	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	4.4	6.9	4.2
		21.0	3.8	3.1	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	4.4	6.8	4.2
		23.0	3.8	3.1	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.6	4.3	6.7	4.1
		25.0	3.8	3.1	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.5	4.3	6.6	4.1
		27.0	3.8	3.1	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.4	4.2	6.6	4.0
		29.0	3.8	3.1	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.3	4.2	6.5	4.0
		31.0	3.8	3.1	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.2	4.1	6.4	4.0
		33.0	3.8	3.1	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.1	4.1	6.3	3.9
		35.0	3.8	3.1	4.5	3.6	5.2	4.0	5.6	4.1	5.9	4.2	6.0	4.0	6.2	3.9
		37.0	3.8	3.1	4.5	3.6	5.2	4.0	5.6	4.1	5.8	4.1	5.9	4.0	6.1	3.8
		39.0	3.8	3.1	4.5	3.6	5.2	4.0	5.6	4.1	5.7	4.1	5.8	3.9	6.0	3.8

CA03A095

5.2 Heating Capacity

Unit Size	Nominal capacity	Outdoor air temperature		Indoor air temperature °CDB					
				16.0	18.0	20.0	21.0	22.0	24.0
		°CDB	°CWB	kW	kW	kW	kW	kW	kW
20	2.5	-19.8	-20.0	1.5	1.5	1.5	1.5	1.5	1.5
		-18.8	-19.0	1.5	1.5	1.5	1.5	1.5	1.5
		-16.7	-17.0	1.6	1.6	1.6	1.6	1.6	1.6
		-14.7	-15.0	1.7	1.7	1.7	1.7	1.7	1.7
		-12.6	-13.0	1.8	1.8	1.8	1.8	1.8	1.8
		-10.5	-11.0	1.9	1.9	1.9	1.9	1.9	1.9
		-9.5	-10.0	1.9	1.9	1.9	1.9	1.9	1.9
		-8.5	-9.1	2.0	2.0	1.9	1.9	1.9	1.9
		-7.0	-7.6	2.0	2.0	2.0	2.0	2.0	2.0
		-5.0	-5.6	2.1	2.1	2.1	2.1	2.1	2.1
		-3.0	-3.7	2.2	2.2	2.2	2.2	2.2	2.2
		0.0	-0.7	2.3	2.3	2.3	2.3	2.3	2.2
		3.0	2.2	2.5	2.5	2.4	2.4	2.3	2.2
		5.0	4.1	2.5	2.5	2.5	2.4	2.3	2.2
		7.0	6.0	2.6	2.6	2.5	2.4	2.3	2.2
		9.0	7.9	2.7	2.7	2.5	2.4	2.3	2.2
		11.0	9.8	2.8	2.7	2.5	2.4	2.3	2.2
		13.0	11.8	2.8	2.7	2.5	2.4	2.3	2.2
		15.0	13.7	2.8	2.7	2.5	2.4	2.3	2.2
25	3.2	-19.8	-20.0	1.9	1.9	1.9	1.9	1.9	1.9
		-18.8	-19.0	1.9	1.9	1.9	1.9	1.9	1.9
		-16.7	-17.0	2.1	2.1	2.0	2.0	2.0	2.0
		-14.7	-15.0	2.2	2.2	2.2	2.2	2.2	2.1
		-12.6	-13.0	2.3	2.3	2.3	2.3	2.3	2.3
		-10.5	-11.0	2.4	2.4	2.4	2.4	2.4	2.4
		-9.5	-10.0	2.5	2.4	2.4	2.4	2.4	2.4
		-8.5	-9.1	2.5	2.5	2.5	2.5	2.5	2.5
		-7.0	-7.6	2.6	2.6	2.6	2.6	2.6	2.6
		-5.0	-5.6	2.7	2.7	2.7	2.7	2.7	2.7
		-3.0	-3.7	2.8	2.8	2.8	2.8	2.8	2.8
		0.0	-0.7	3.0	3.0	3.0	3.0	3.0	2.8
		3.0	2.2	3.1	3.1	3.1	3.1	3.0	2.8
		5.0	4.1	3.3	3.2	3.2	3.1	3.0	2.8
		7.0	6.0	3.4	3.4	3.2	3.1	3.0	2.8
		9.0	7.9	3.5	3.4	3.2	3.1	3.0	2.8
		11.0	9.8	3.6	3.4	3.2	3.1	3.0	2.8
		13.0	11.8	3.6	3.4	3.2	3.1	3.0	2.8
		15.0	13.7	3.6	3.4	3.2	3.1	3.0	2.8
32	4.0	-19.8	-20.0	2.4	2.4	2.3	2.3	2.3	2.3
		-18.8	-19.0	2.4	2.4	2.4	2.4	2.4	2.4
		-16.7	-17.0	2.6	2.6	2.6	2.6	2.6	2.5
		-14.7	-15.0	2.7	2.7	2.7	2.7	2.7	2.7
		-12.6	-13.0	2.9	2.8	2.8	2.8	2.8	2.8
		-10.5	-11.0	3.0	3.0	3.0	3.0	3.0	3.0
		-9.5	-10.0	3.1	3.1	3.1	3.1	3.0	3.0
		-8.5	-9.1	3.1	3.1	3.1	3.1	3.1	3.1
		-7.0	-7.6	3.2	3.2	3.2	3.2	3.2	3.2
		-5.0	-5.6	3.4	3.4	3.4	3.4	3.4	3.4
		-3.0	-3.7	3.5	3.5	3.5	3.5	3.5	3.5
		0.0	-0.7	3.7	3.7	3.7	3.7	3.7	3.5
		3.0	2.2	3.9	3.9	3.9	3.9	3.7	3.5
		5.0	4.1	4.1	4.1	4.0	3.9	3.7	3.5
		7.0	6.0	4.2	4.2	4.0	3.9	3.7	3.5
		9.0	7.9	4.3	4.3	4.0	3.9	3.7	3.5
		11.0	9.8	4.5	4.3	4.0	3.9	3.7	3.5
		13.0	11.8	4.5	4.3	4.0	3.9	3.7	3.5
		15.0	13.7	4.5	4.3	4.0	3.9	3.7	3.5

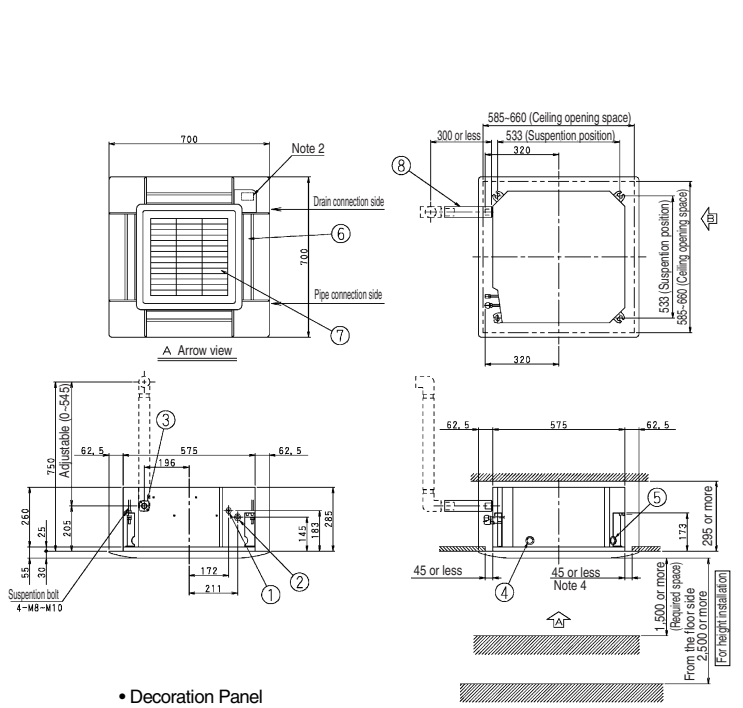
Unit Size	Nominal capacity	Outdoor air temperature		Indoor air temperature °CDB					
				16.0	18.0	20.0	21.0	22.0	24.0
		°CDB	°CWB	kW	kW	kW	kW	kW	kW
40	5.0	-19.8	-20.0	3.0	2.9	2.9	2.9	2.9	2.9
		-18.8	-19.0	3.0	3.0	3.0	3.0	3.0	3.0
		-16.7	-17.0	3.2	3.2	3.2	3.2	3.2	3.2
		-14.7	-15.0	3.4	3.4	3.4	3.4	3.4	3.4
		-12.6	-13.0	3.6	3.6	3.6	3.5	3.5	3.5
		-10.5	-11.0	3.7	3.7	3.7	3.7	3.7	3.7
		-9.5	-10.0	3.8	3.8	3.8	3.8	3.8	3.8
		-8.5	-9.1	3.9	3.9	3.9	3.9	3.9	3.9
		-7.0	-7.6	4.0	4.0	4.0	4.0	4.0	4.0
		-5.0	-5.6	4.2	4.2	4.2	4.2	4.2	4.2
		-3.0	-3.7	4.4	4.4	4.4	4.4	4.4	4.4
		0.0	-0.7	4.7	4.6	4.6	4.6	4.6	4.4
		3.0	2.2	4.9	4.9	4.9	4.8	4.7	4.4
		5.0	4.1	5.1	5.1	5.0	4.8	4.7	4.4
		7.0	6.0	5.2	5.2	5.0	4.8	4.7	4.4
		9.0	7.9	5.4	5.3	5.0	4.8	4.7	4.4
		11.0	9.8	5.6	5.3	5.0	4.8	4.7	4.4
		13.0	11.8	5.6	5.3	5.0	4.8	4.7	4.4
		15.0	13.7	5.6	5.3	5.0	4.8	4.7	4.4
50	6.3	-19.8	-20.0	3.7	3.7	3.7	3.7	3.7	3.7
		-18.8	-19.0	3.8	3.8	3.8	3.8	3.8	3.8
		-16.7	-17.0	4.1	4.0	4.0	4.0	4.0	4.0
		-14.7	-15.0	4.3	4.3	4.3	4.2	4.2	4.2
		-12.6	-13.0	4.5	4.5	4.5	4.5	4.5	4.5
		-10.5	-11.0	4.7	4.7	4.7	4.7	4.7	4.7
		-9.5	-10.0	4.8	4.8	4.8	4.8	4.8	4.8
		-8.5	-9.1	4.9	4.9	4.9	4.9	4.9	4.9
		-7.0	-7.6	5.1	5.1	5.1	5.1	5.1	5.1
		-5.0	-5.6	5.3	5.3	5.3	5.3	5.3	5.3
		-3.0	-3.7	5.5	5.5	5.5	5.5	5.5	5.5
		0.0	-0.7	5.9	5.9	5.8	5.8	5.8	5.5
		3.0	2.2	6.2	6.2	6.2	6.1	5.9	5.5
		5.0	4.1	6.4	6.4	6.3	6.1	5.9	5.5
		7.0	6.0	6.6	6.6	6.3	6.1	5.9	5.5
		9.0	7.9	6.8	6.7	6.3	6.1	5.9	5.5

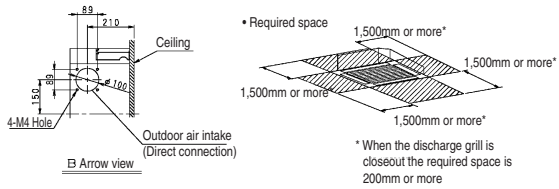
CA03A095

6. Dimensions

6.1 Dimensional Drawings

S-YM3HPS





Nr.	Name	Description
1	Liquid Pipe Connection	ϕ 6.4 Flare Connection
2	Gas Pipe Connection	ϕ 12.7 Flare Connection
3	Drain Pipe Connection	VP25 (O.D. ϕ 32)
4	Wire Intake	
5	Interunit Wiring Connection	
6	Grounding Terminal	Inside Switch Box (M4)
7	Discharge	
8	Air Suction Grille	
9	Long Life Filter	
10	Suspension Bolt	

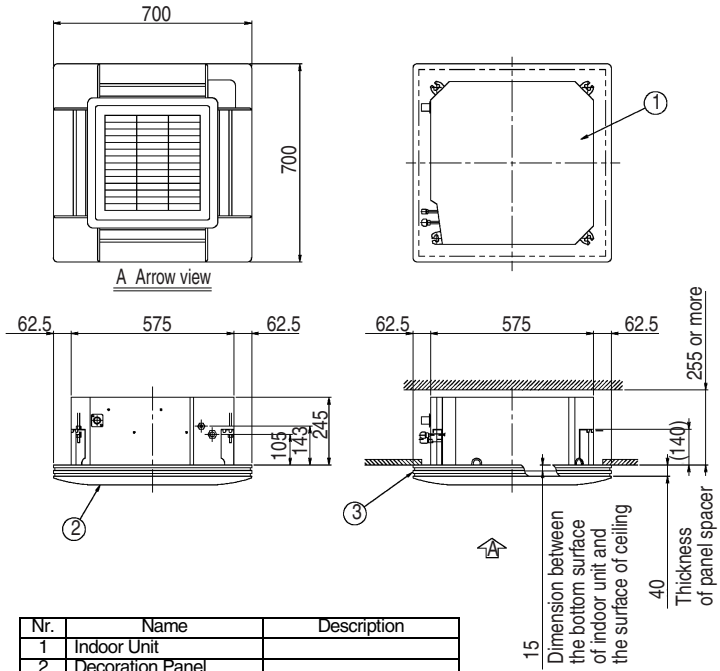
Notes:

1. Location of manufacturer's label
   Indoor unit: on the bell mouth, inside suction panel
   Decoration panel: on the inner frame, inside suction grille.
2. When using an infrared remote control, this position will be a signal receiver. Refer to the drawing of the infrared remote control for more details.
3. When the temperature and humidity in the ceiling exceed 30°C and RH is 80 %, or the fresh air is inducted into the ceiling, or the unit continues 24 hour operation, an additional insulation is required (thickness 10mm or more or glass wool or polyethylene foam)
4. Though the installation is acceptable up to maximum 660mm square ceiling opening, keep the clearance of 45mm or less between the main unit and the ceiling opening so that the panel overlap allowance can be ensured.

3D039005A

6.2 Dimensional Drawing with Optional Accessories

S-YM3HPS

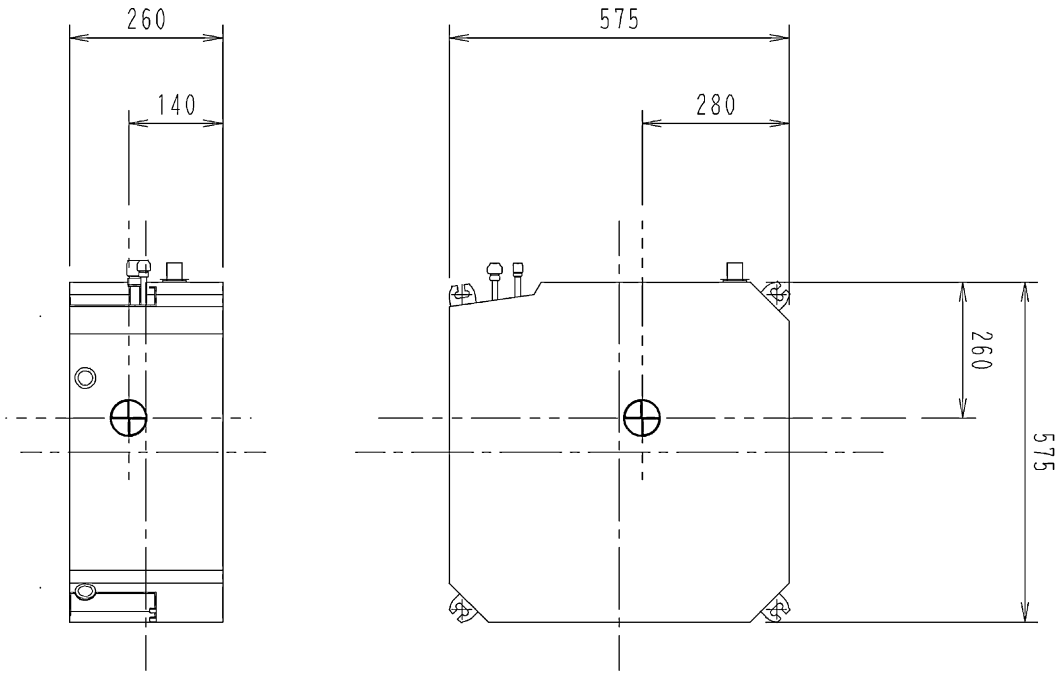


Nr.	Name	Description
1	Indoor Unit	
2	Decoration Panel	
3	Panel Spacer	

3D041038

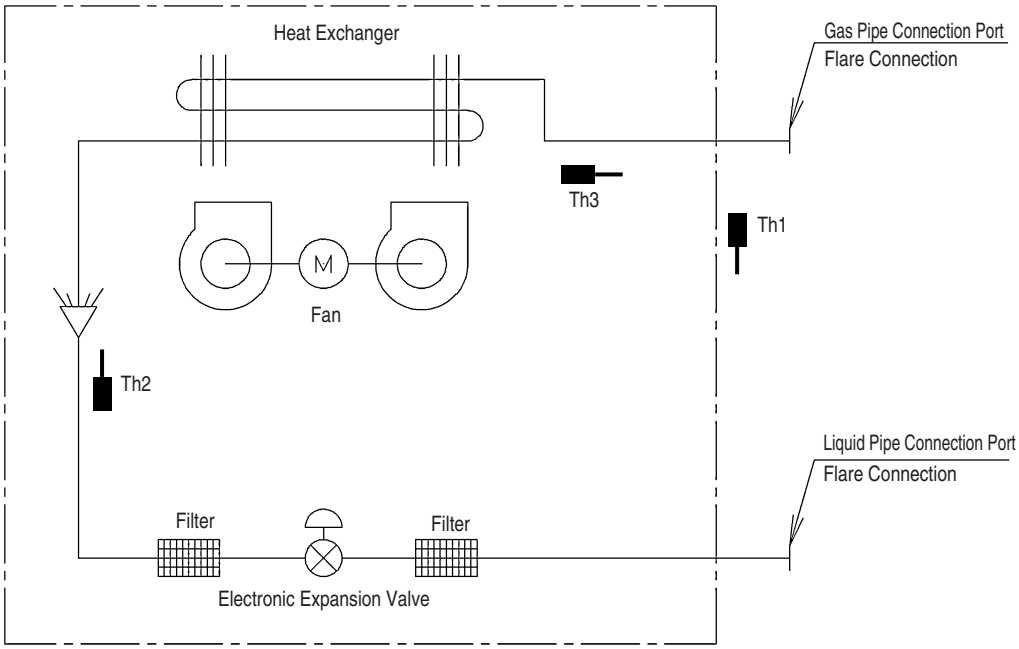
6.3 Centre of Gravity

S-YM3HPS



7. Piping Diagram

S-YM3HPS



Piping Connection Diameters

Model	Gas	Liquid
S-20,25,32,40,50YM3HPS	ϕ12.7	ϕ6.4

Th1 : Thermistor for Suction Air Temperature

Th2 : Thermistor for Liquid Line Temperature

Th3 : Thermistor for Gas Line Temperature

Check Valve

Flare Connection

Screw Connection

Flange Connection

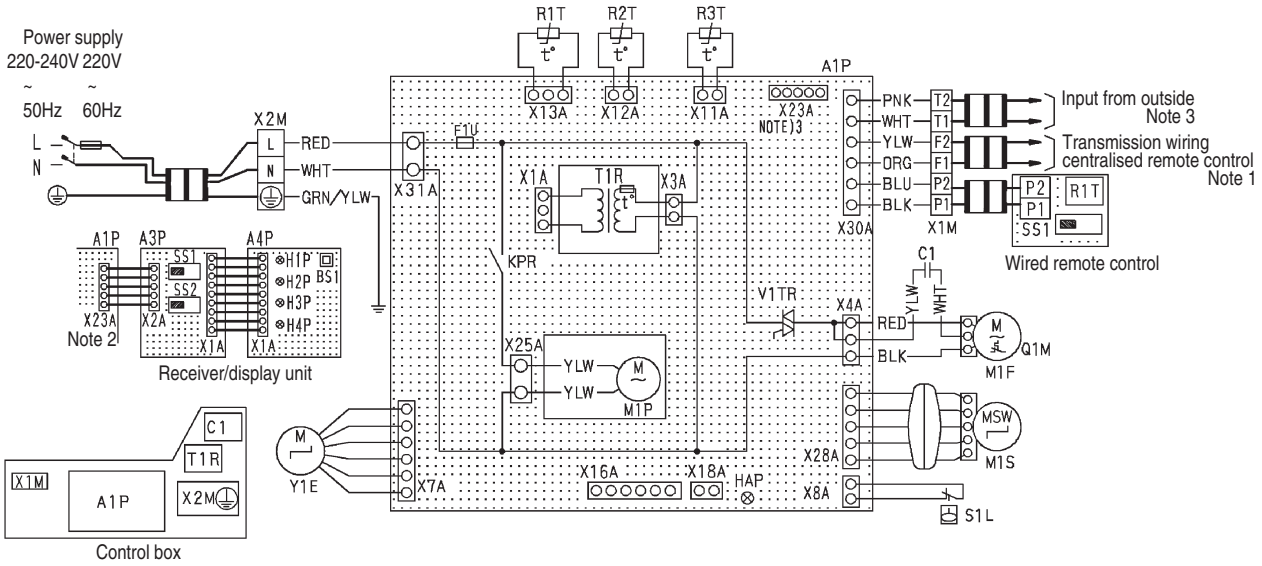
Pinched Pipe

Spinned Pipe

4D040157

8. Wiring Diagram

S-YM3HPS



A1P	Printed Circuit Board	Y1E	Electronic Expansion Valve
C1	Capacitor (M1F)	Wired Remote Control	
F1U	Fuse ((B), 5A, 250V)	R1T	Thermistor (Air)
HAP	Light Emitting Diode (Service Monitor Green)	SS1	Selector Switch (Main/Sub)
		Infrared Remote Control (Receiver/Display Unit)	
KPR	Magnetic Relay (M1P)	ASP	Printed Circuit Board
M1F	Motor (Indoor Fan)	A4P	Printed Circuit Board
M1P	Motor (Drain Pump)	BS1	Push Button (On/Off)
M1S	Motor (Swing Flap)	HIP	Light Emitting Diode (On-Red)
Q1M	Thermal Protector (M1F Embedded)	H2P	Light Emitting Diode (Timer-Green)
R1T	Thermistor (Air)	H3P	Light Emitting Diode (Filter Sign-Red)
R2T	Thermistor (Coil-Liquid)	H4P	Light Emitting Diode (Defrost-Orange)
R3T	Thermistor (Coil-Gas)	SS1	Selector Switch (Main/Sub)
S1L	Float Switch	SS2	Selector Switch (Infrared Address Set)
T1R	Transformer (220-240V/22V)		
V1TR	Triac	Connector for Optional Parts	
X1M	Terminal Block	X16A	Connector (Adaptor for Wiring)
X2M	Terminal Block	X18A	Connector (Wiring Adaptor for Electrical Appendices)

: Terminal
: Connector
: Field Wiring

COLORS: BLK : Black PNK : Pink
BLU : Blue RED : Red
GRN: Green WHT : White
ORG : Orange YLW : Yellow

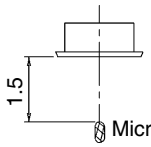
Notes:

1. When using a centralized remote control, connect it to the unit in accordance with the attached installation manual.
2. X23A is connected when the infrared remote control kit is being used.
3. When connecting the input wires from outside, forced off or on/off control operation can be selected by remote control. in details, refer to the installation manual attached the unit.
4. Remote control model varies according to the combination system, confirm engineering materials and catalogs.etc. before connecting.

3D038359

9. Sound Level

9.1 Sound Level Data

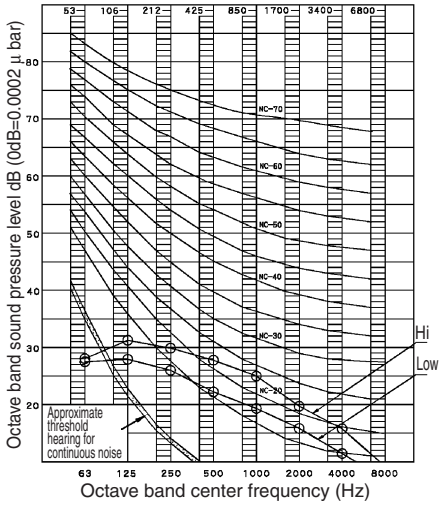
Model	Sound Pressure Level			Sound Power Level
	H	L	Measuring Location	
S-20YM3HPS	30	25		47
S-25YM3HPS	30	25		47
S-32YM3HPS	32	26		49
S-40YM3HPS	36	28		53
S-50YM3HPS	41	33		58

Notes:

1. Measuring place: anechoic chamber
2. Operation noise differs with operation and ambient conditions
3. Operating conditions: Power source: 230V, 50 Hz
   - · Cooling: Indoor air temperature: 27°CDB, 19°CWB
     Outdoor air temperature: 35°CDB, 24°CWB
   - · Heating: Indoor air temperature: 20°CDB, 15°CWB
     Outdoor air temperature: 7°CDB, 6°CWB

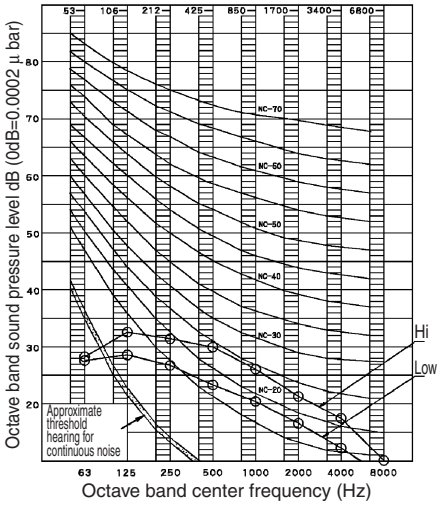
9.2 Sound Pressure Spectrum

S-20·25YM3HPS



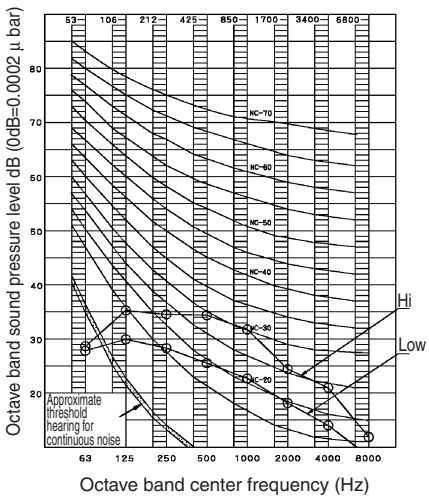
4D040274A

S-32YM3HPS



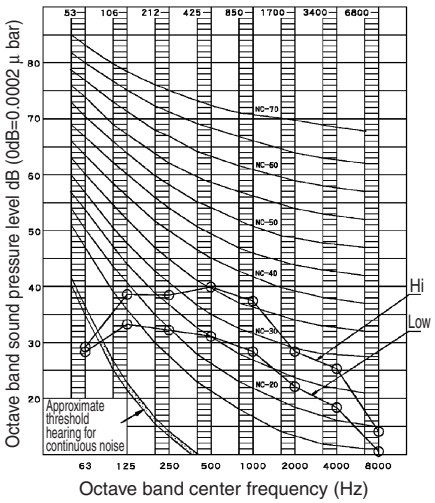
4D040285A

S-40YM3HPS



4D040286A

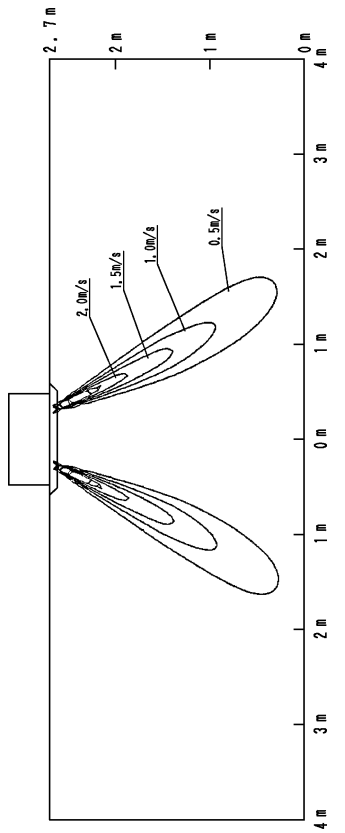
S-50YM3HPS



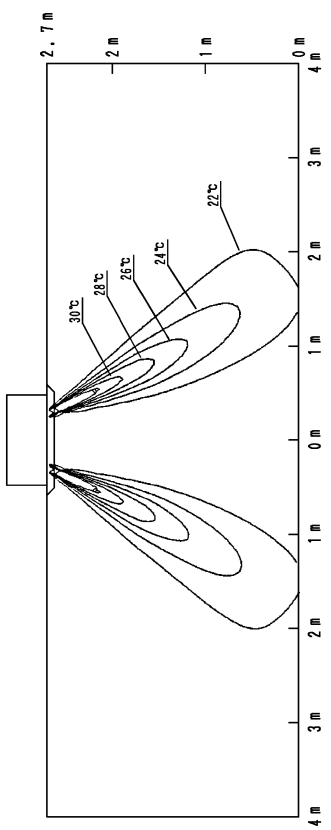
4D040287A

10. Air Flow Pattern

S-20·25YM3HPS
Heating air velocity distribution
4-way discharge, air flow direction: down

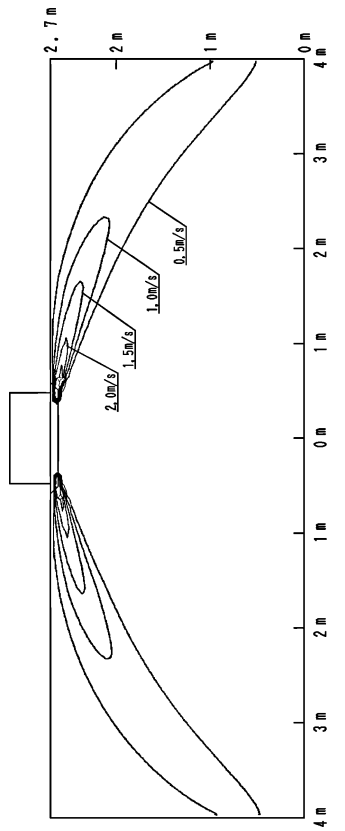


Heating air temperature distribution
4-way discharge, air flow direction: down

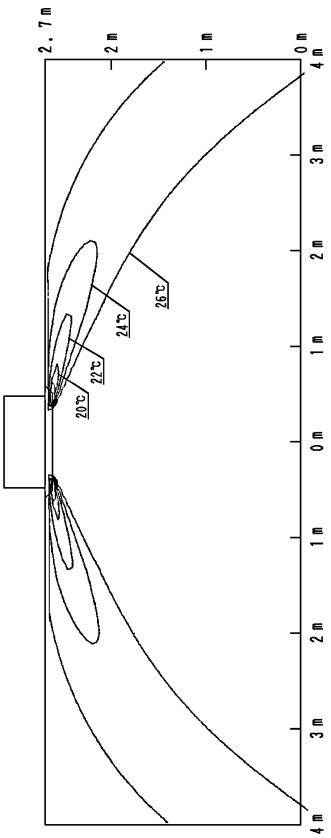


4D039820A

S-20·25YM3HPS
Cooling air velocity distribution
4-way discharge, air flow direction: horizontal



Cooling air temperature distribution
4-way discharge, air flow direction: horizontal

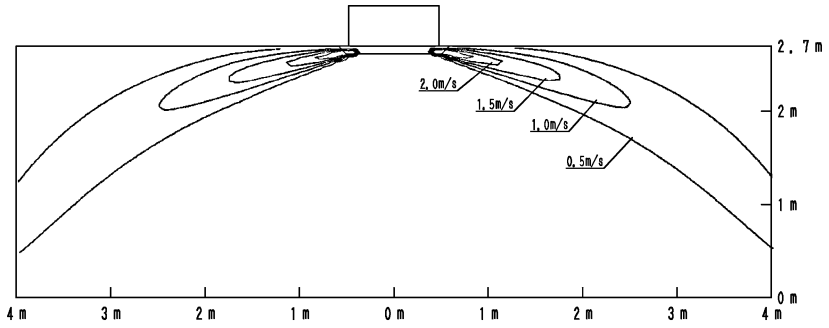


4D039738A

S-32YM3HPS

Cooling air velocity distribution

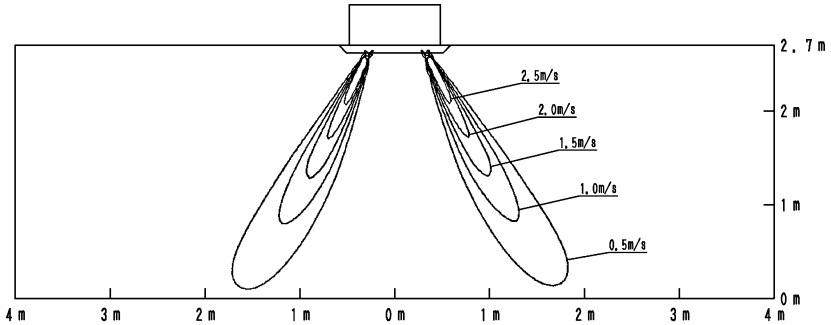
4-way discharge, air flow direction: horizontal



S-32YM3HPS

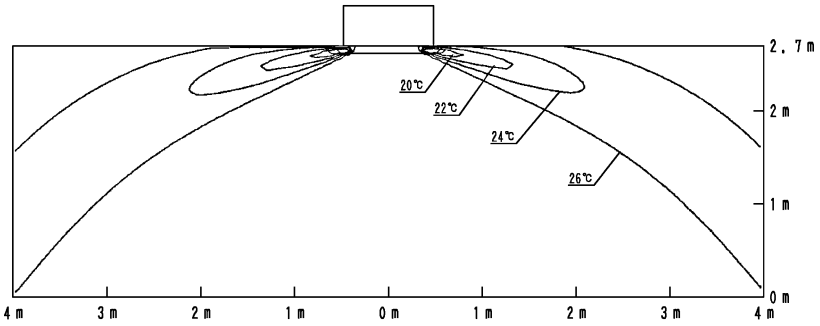
Heating air velocity distribution

4-way discharge, air flow direction: down



Cooling air temperature distribution

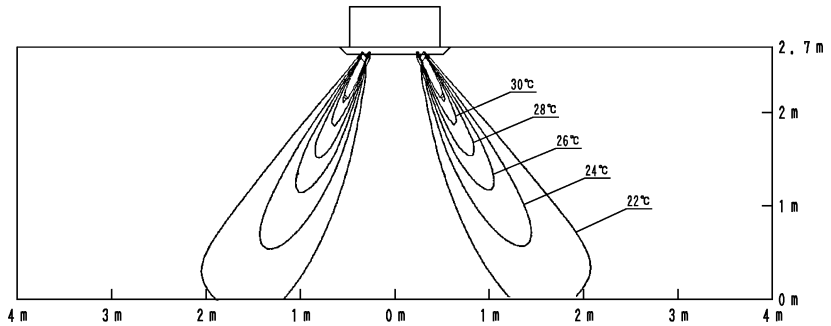
4-way discharge, air flow direction: horizontal



4D040188

Heating air temperature distribution

4-way discharge, air flow direction: down

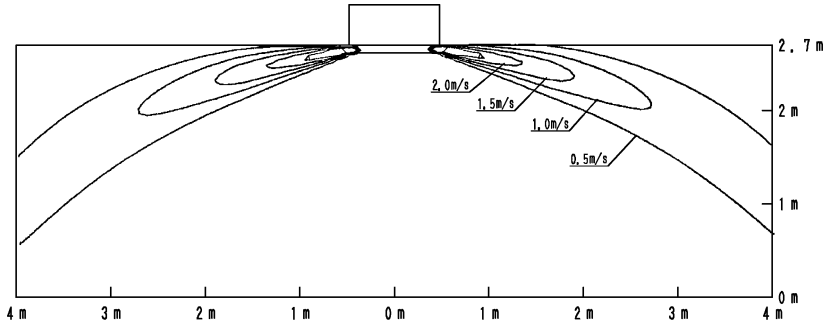


4D040191

S-40YM3HPS

Cooling air velocity distribution

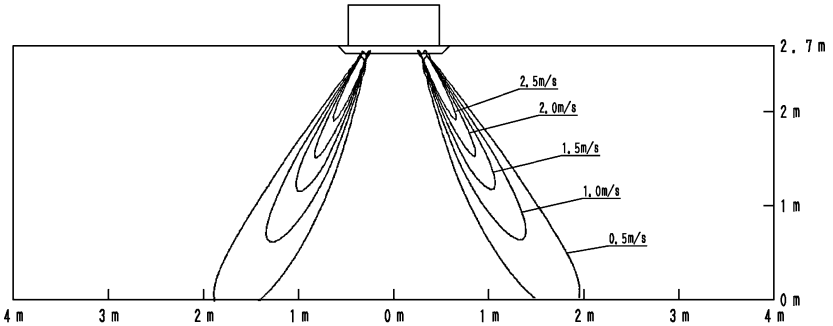
4-way discharge, air flow direction: horizontal



S-40YM3HPS

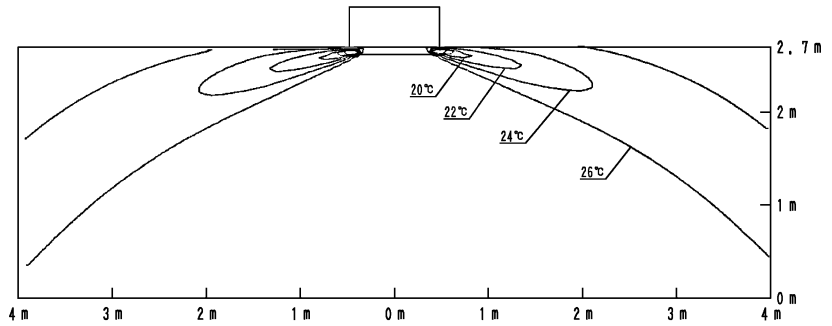
Heating air velocity distribution

4-way discharge, air flow direction: down



Cooling air temperature distribution

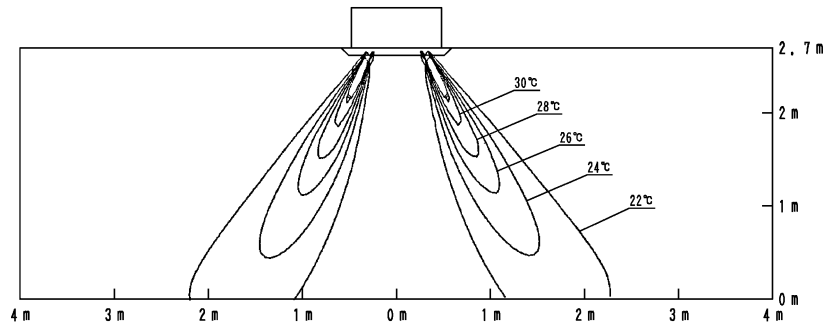
4-way discharge, air flow direction: horizontal



4D040189

Heating air temperature distribution

4-way discharge, air flow direction: down

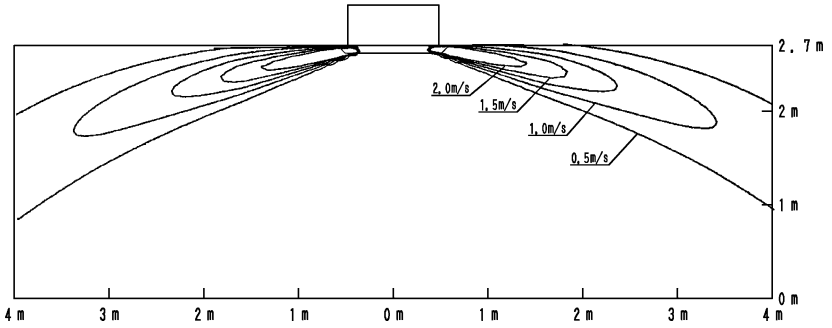


4D040192

S-50YM3HPS

Cooling air velocity distribution

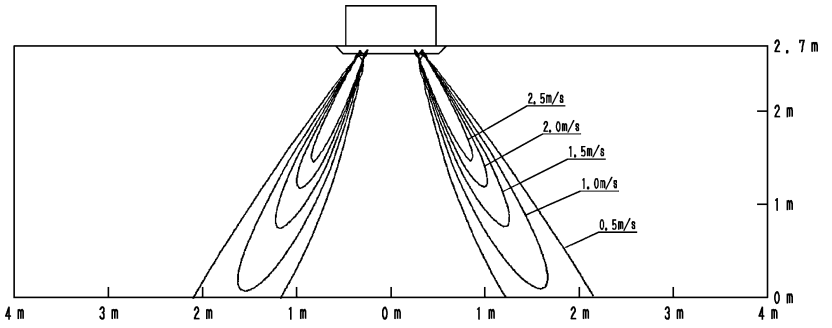
4-way discharge, air flow direction: horizontal



S-50YM3HPS

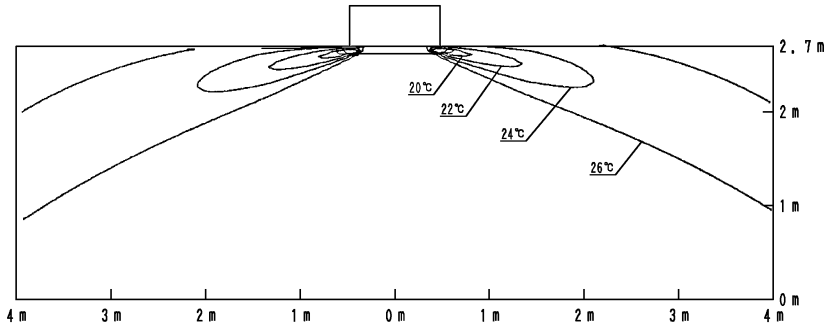
Heating air velocity distribution

4-way discharge, air flow direction: down



Cooling air temperature distribution

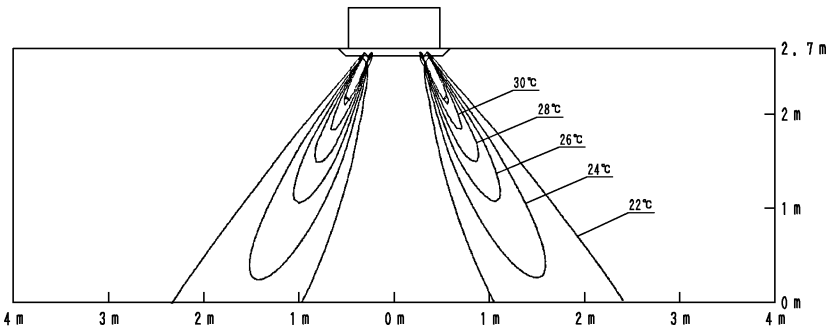
4-way discharge, air flow direction: horizontal



4D040190

Heating air temperature distribution

4-way discharge, air flow direction: down



4D040193

S-UM3HPQ
4-way Cassette Type

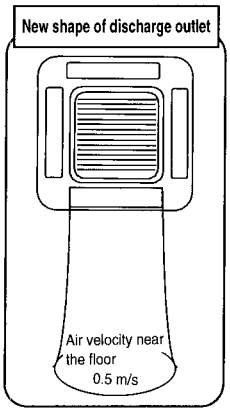
1. Features 410
1.1 High Ceiling Application 410
2. Specifications 411
2.1 Technical Specifications 411
2.2 Electrical Specifications 412
2.3 Safety Device Setting 412
3. Accessories 413
3.1 Fresh Air Intake Kit 413
4. Control Systems 414
4.1 Individual Control Systems 414
4.2 Centralized Control Systems 414
4.3 Others 414
5. Capacity Tables 415
5.1 Cooling Capacity 415
5.2 Heating Capacity 418
6. Dimensions 421
6.1 Dimensional Drawings 421
6.2 Centre of Gravity 422
7. Piping Diagram 423
8. Wiring Diagrams 424
9. Sound Level 425
9.1 Measuring Conditions 425
9.2 Sound Pressure Spectrum 426
10. Air Flow Pattern & Branch Duct Connections 427
10.1 Air Flow Pattern 427
10.2 Branch Duct Connections 430
11. Drain Piping 433
11.1 Rig Drain Piping 433
11.2 After Piping Work is Finished, Check If Drainage Flows Smoothly 434
11.3 When Electric Wiring Work is Finished 434
11.4 When Electric Wiring Work is Not Finished 434

1. Features



1.1 High Ceiling Application

- **Air flow from a square air outlet is longer than that from a rectangular one**

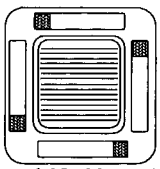


CS-20~63		Numbers of discharge outlet		
		4-way discharge	3-way discharge	2-way discharge
Ceiling height	Standard	2.7m or less	3.0m or less	3.5m or less
	High ceiling ①	3.0m or less	3.3m or less	3.8m or less
	High ceiling ②	3.5m or less	3.5m or less	

CS-80~125		Numbers of discharge outlet		
		4-way discharge	3-way discharge	2-way discharge
Ceiling height	Standard	3.2m or less	3.6m or less	4.2m or less
	High ceiling ①	3.6m or less	4.0m or less	4.2m or less
	High ceiling ②	4.2m or less	4.2m or less	–

The same panel is applied to all series.

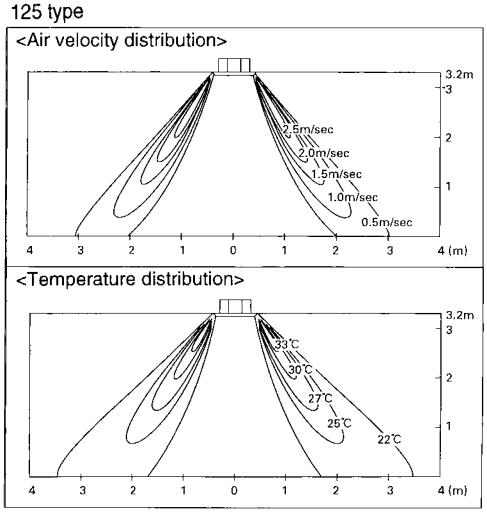
Air discharge outlet is sized for 100, 125 type unit, so that air velocity of smaller unit should be adjusted by air outlet opening size (Drain pan).



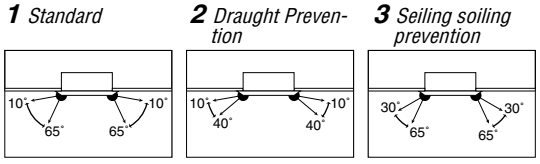
(Image illustration of 32~63 type)

- **High efficient air distribution**

125 type

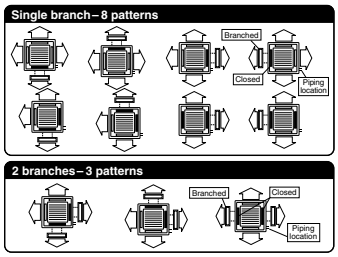


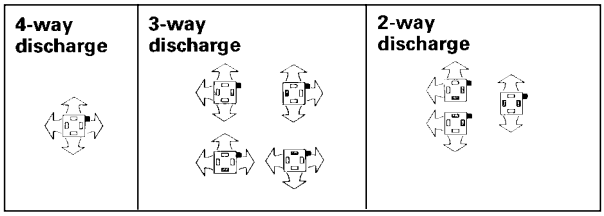
- **Choice of 3 auto-swing positions for maximum comfort**



*Has been set to standard setting at time of shipment. This can be changed using the remote control

- **Air can be discharged in any of four directions. Possibility to shut one or two flaps for easy installation in corners or to use 1 or 2 branches**





■···indicates the piping connection direction.

2. Specifications

2.1 Technical Specifications

S-UM3HPQ				20	25	32	40	50	63	80	100	125
Cooling Capacity (1)			kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0
Heating Capacity (2)			kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0
Nominal Input	Cooling		W	90			97	106	118	173	184	230
	Heating		W	75			82	90	101	159	169	215
Dimensions	Unit	HxWxD	mm	230x840x840						288x840x840		
	Decoration Panel	HxWxD	mm	40x950x950						40x950x950		
Required Ceiling Void			mm	> 280						> 338		
Weight	Unit		kg	24						28		
	Decoration Panel		kg	5						5		
Casing				Galvanized Steel Plate / Non Painted								
Colour	Decoration Panel			White (10Y9/0.5)								
Sound Level - 230V	Sound Pressure	high	dB(A)	31 Cooling / 32 Heating			32	33	34	38	40	45
		Low	dB(A)	28			28	28	29	32	33	36
	Sound Power		dB(A)	48			49	50	51	54	56	61
Fan	Air Flow Rate	High	m^3/h	780			840	960	1,080	1,680	1,680	1,860
		Low	m^3/h	600			600	660	840	1,200	1,260	1,440
	Type			Turbo Fan								
	Qty			1								
	Number of Steps			Phase Cut Control								
	Motor Output	High	W	45						90		
	Drive			Direct Drive								
Heat Exchanger	Rows x Stages x Fin Pitch		mm	2x8x1.5						2x12x1.5		
	Face Area		m^2	0.331						0.497		
Air Filter				Resin Net with Mold Resistant								
Refrigerant Control				Electronic Expansion Valve								
Temperature Control				Microprocessor Thermostat for Cooling and Heating								
Piping Connections	Liquid	Flare	mm	ϕ 6.4					ϕ 9.5			
	Gas	Flare	mm	ϕ 12.7					ϕ 15.9			
	Drain		mm	VP25, External Diameter 32, Internal Diameter 25								
Heat Insulation				Both Liquid and Gas Pipes								

3TW25591-1

Notes:

1. Nominal cooling capacities are based on:
   Indoor temperature: 27°CDB, 19°CWB
   Outdoor temperature: 35°CDB
   Equivalent refrigerant piping: 8m
   Level difference: 0m
2. Nominal heating capacities are based on:
   Indoor temperature: 20°CDB
   Outdoor temperature: 7°CDB, 6°CWB
   Equivalent refrigerant piping: 8m
   level difference: 0m
3. Capacities are net including a deduction for cooling (an addition for heating) for indoor fan motor heat.
4. The sound pressure level is measured in an anechoic room at 1m distance from the unit. It is a relative value that depends on the distance and acoustic environment.
5. The sound power level is an absolute value that indicates the "power" which a sound source generates

2.2 Electrical Specifications

S-UM3HPQ			20	25	32	40	50	63	80	100	125
Current	Minimum Circuit Amps (MCA)	A	0.5				0.6		1.0	1.1	1.4
	Maximum Fuse Amps (MFA) (5)		16								
Power Supply			1 ~, 50Hz, 230V								
Voltage Range	Min~Max	V	207~253								
Indoor Fan Motor	Fan Motor Rated Output	W	45						90		
	Full Load Amps (FLA)	A	0.4					0.5	0.8	0.9	1.1

4TW25591-2

Notes:

1. Voltage range: units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
2. Maximum allowable voltage range variation between phases is 2%.
3. MCA/MFA:
   MCA = 1.25 × FLA
   MFA ≤ 4 × FLA
   next lower standard fuse rating minimum 16A.
4. Select wire size based on the MCA.
5. Instead of a fuse, use a circuit breaker.

2.3 Safety Device Setting

S-UM3HPQ		20	25	32	40	50	63	80	100	125
PC Bard Fuse		250V 5A								
Fan Motor Thermal Protector	°C	OFF: $130^{\pm 5}$ / ON: $80^{\pm 20}$								
Drain Pump Fuse	°C	145								

3TW25511-3

3. Accessories

S-UM3HPQ			20	25	32	40	50	63	80	100	125
Decoration Panel			CZ-06KPU11P								
High Efficiency Filter 65%	Colorimetric Method		KAFJ552K80						KAFJ552K160		
High Efficiency Filter 90%	Colorimetric Method		KAFJ557K80						KAFJ557K160		
Replacement High Efficiency Filter 65%	Colorimetric Method		KAFJ552K80						KAFJ552K80		
Replacement High Efficiency Filter 90%	Colorimetric Method		KAFJ553K80						KAFJ553K160		
Filter Chamber for Above			KDDFJ55K160								
Replacement Long Life Filter (Non Woven Type)			KAFJ551K160								
Replacement Ultra Long Life Filter			KAFJ55K160H								
Fresh Air Intake Kit	Chamber Type	without T-Shape and Fan	KDDJ55B160								
		with T-Shape and Fan	KDDJ55B160F								
		with T-Shape without Fan	KDDJ55B160K								
	Direct Installation Type		KDDJ55X160								
Air Discharge Outlet Sealing Member			KDBHJ55K160								
Panel Spacer			KDBJ55K160W								
Branch Duct Chamber			KDJ55B80						KDJ55B160		
Chamber Connection Kit			KKSJ55K160								

3TW25599-1

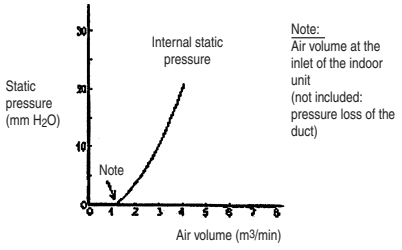
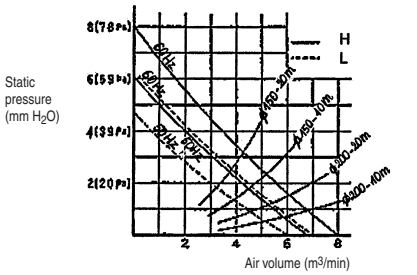
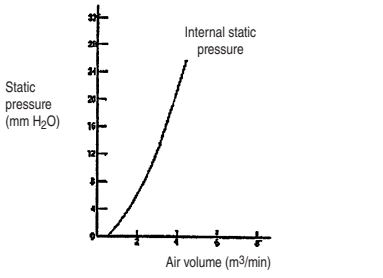
Notes:

1. All options are supplied as kit.

3.1 Fresh Air Intake Kit

Notes:

1. Option kits KDDJ55B160, KDDJ55B160K, KDDJ55B160F
   Following restrictions must be kept:
   1 Maximum 20% of the nominal indoor unit air volume can be sucked from the fresh air duct.
   2 Put an air filter in the duct.
   3 When a duct fan is used, use the option kit together with the duct fan. When only the duct fan is operating, dust can fall from the air filter into the room.
   Wiring adapter : KRP1B57
   Installation box for adapter PCB : KRP1C98
2. Option kit KDDJ55X160
   This kit can be used when the duct length is less than 4m.
   Approximately 2 or 3% of the nominal indoor air volume can be sucked from the fresh air duct.
   The use of a duct fan is not allowed because the sound of the duct can be heard at the indoor unit.

Option kit	Fresh air intake volume / static pressure
KDDJ55B160 (without T-joint connection and without duct fan)	
KDDJ55B160K (with T-joint connection, without duct fan)	
KDDJ55B160F (with T-joint connection and with duct fan)	
KDDJ55X160 (direct installation)	

3TW22839-10A

4. Control Systems

4.1 Individual Control Systems

Wired Remote Control		CZ-02RT11P
Infrared Remote Control	Heat Pump	CZ-01RWU12P

4.2 Centralized Control Systems

Centralized Remote Control	CZ-01ESM11P
Unified On/Off Control	CZ-01ANA11P
Schedule Timer	CZ-01ESW11P

4.3 Others

Wiring Adapter (Hour Meter)	EKRP1B2#
Wiring Adapter	KRP1B2#
BMS Interface Adapter for Unified Group	KRP2A52#
BMS Interface Adapter for Individual and Unified Control	KRP4A53#
Remote Sensor	CZ-10RSA
Installation Box for Adapter PCB	KRP1C98
Electrical Box with Earth Terminal (3 Blocks)	KJB311A
Electrical Box with Earth Terminal (2 Blocks)	KJB212A
Noise Filter (for Electromagnetic Interface Use Only)	KEK26-1
BMS Interface Adapter for Outdoor Units (Installation on Indoor Unit)	DTA104A62#

3TW25599-1A

Notes:

1. Installation box is necessary for each adapter marked with#.

5. Capacity Tables

5.1 Cooling Capacity

TC: Total Capacity;kW – SHC: Sensible Capacity;kW

Unit size	Nominal capacity	Outdoor air temp.	Indoor air temperature													
			14.0WB		16.0WB		18.0WB		19.0WB		20.0WB		22.0WB		24.0WB	
			20.0DB		23.0DB		26.0DB		27.0DB		28.0DB		30.0DB		32.0DB	
		°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
20	2.2	10.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.8	2.6	1.9	2.9	1.9
		12.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.8	2.6	1.9	2.9	1.9
		14.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.8	2.6	1.9	2.8	1.8
		16.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.8	2.6	1.9	2.8	1.8
		18.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.8	2.6	1.9	2.7	1.8
		20.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.8	2.6	1.9	2.7	1.8
		21.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.8	2.6	1.9	2.7	1.8
		23.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.8	2.6	1.9	2.6	1.7
		25.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.8	2.6	1.9	2.6	1.7
		27.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.8	2.5	1.8	2.6	1.7
		29.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.8	2.5	1.8	2.5	1.7
		31.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.8	2.4	1.8	2.5	1.7
		33.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.8	2.4	1.7	2.5	1.7
		35.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.8	2.4	1.7	2.4	1.7
		37.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.7	2.3	1.8	2.3	1.8	2.4	1.7
		39.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.7	2.2	1.8	2.3	1.7	2.3	1.7
25	2.8	10.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.4	2.2	3.7	2.3
		12.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.4	2.2	3.6	2.3
		14.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.4	2.2	3.6	2.2
		16.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.4	2.2	3.5	2.2
		18.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.4	2.2	3.5	2.2
		20.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.4	2.2	3.4	2.1
		21.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.4	2.2	3.4	2.1
		23.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.3	2.2	3.4	2.1
		25.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.3	2.2	3.3	2.1
		27.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.2	2.1	3.3	2.1
		29.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.2	2.1	3.2	2.0
		31.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.1	2.1	3.2	2.1
		33.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.1	2.1	3.1	2.0
		35.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.0	2.1	3.1	2.0
		37.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	2.9	2.2	3.0	2.1	3.0	2.0
		39.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	2.9	2.2	2.9	2.0	3.0	2.0
32	3.6	10.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.8	3.8	2.9	4.3	2.9	4.7	2.9
		12.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.8	3.8	2.9	4.3	2.9	4.7	2.9
		14.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.8	3.8	2.9	4.3	2.9	4.6	2.9
		16.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.8	3.8	2.9	4.3	2.9	4.6	2.8
		18.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.8	3.8	2.9	4.3	2.9	4.5	2.8
		20.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.8	3.8	2.9	4.3	2.9	4.4	2.7
		21.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.8	3.8	2.9	4.3	2.9	4.4	2.7
		23.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.8	3.8	2.9	4.2	2.8	4.3	2.7
		25.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.8	3.8	2.9	4.2	2.8	4.3	2.7
		27.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.8	3.8	2.9	4.1	2.8	4.2	2.6
		29.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.8	3.8	2.9	4.1	2.8	4.2	2.6
		31.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.8	3.8	2.9	4.0	2.7	4.1	2.6
		33.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.8	3.8	2.9	3.9	2.7	4.0	2.6
		35.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.8	3.8	2.8	3.9	2.7	4.0	2.6
		37.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.8	3.7	2.8	3.8	2.7	3.9	2.6
		39.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.7	2.8	3.8	2.6	3.8	2.6
40	4.5	10.0	3.0	2.8	3.6	3.0	4.2	3.3	4.5	3.4	4.8	3.5	5.4	3.2	5.9	3.5
		12.0	3.0	2.8	3.6	3.0	4.2	3.3	4.5	3.4	4.8	3.5	5.4	3.2	5.8	3.5
		14.0	3.0	2.8	3.6	3.0	4.2	3.3	4.5	3.4	4.8	3.5	5.4	3.2	5.8	3.5
		16.0	3.0	2.8	3.6	3.0	4.2	3.3	4.5	3.4	4.8	3.5	5.4	3.2	5.7	3.4
		18.0	3.0	2.8	3.6	3.0	4.2	3.3	4.5	3.4	4.8	3.5	5.4	3.2	5.6	3.4
		20.0	3.0	2.8	3.6	3.0	4.2	3.3	4.5	3.4	4.8	3.5	5.4	3.2	5.5	3.4
		21.0	3.0	2.8	3.6	3.0	4.2	3.3	4.5	3.4	4.8	3.5	5.4	3.2	5.5	3.3
		23.0	3.0	2.8	3.6	3.0	4.2	3.3	4.5	3.4	4.8	3.5	5.3	3.2	5.4	3.3
		25.0	3.0	2.8	3.6	3.0	4.2	3.3	4.5	3.4	4.8	3.5	5.2	3.2	5.3	3.3
		27.0	3.0	2.8	3.6	3.0	4.2	3.3	4.5	3.4	4.8	3.5	5.2	3.1	5.3	3.3
		29.0	3.0	2.8	3.6	3.0	4.2	3.3	4.5	3.4	4.8	3.5	5.1	3.1	5.2	3.2
		31.0	3.0	2.8	3.6	3.0	4.2	3.3	4.5	3.4	4.8	3.5	5.0	3.1	5.1	3.2
		33.0	3.0	2.8	3.6	3.0	4.2	3.3	4.5	3.4	4.8	3.5	4.9	3.0	5.0	3.2
		35.0	3.0	2.8	3.6	3.0	4.2	3.3	4.5	3.4	4.7	3.5	4.9	3.0	5.0	3.1
		37.0	3.0	2.8	3.6	3.0	4.2	3.3	4.5	3.4	4.7	3.5	4.8	3.0	4.9	3.1
		39.0	3.0	2.8	3.6	3.0	4.2	3.3	4.5	3.4	4.6	3.4	4.7	3.0	4.8	3.1

TC: Total Capacity;kW – SHC: Sensible Capacity;kW

Unit size	Nominal capacity	Outdoor air temp.	Indoor air temperature													
			14.0WB		16.0WB		18.0WB		19.0WB		20.0WB		22.0WB		24.0WB	
			20.0DB		23.0DB		26.0DB		27.0DB		28.0DB		30.0DB		32.0DB	
		°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
50	5.6	10.0	3.8	3.2	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	3.9	7.4	4.3
		12.0	3.8	3.2	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	3.9	7.3	4.3
		14.0	3.8	3.2	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	3.9	7.2	4.3
		16.0	3.8	3.2	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	3.9	7.1	4.2
		18.0	3.8	3.2	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	3.9	7.0	4.2
		20.0	3.8	3.2	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	3.9	6.9	4.1
		21.0	3.8	3.2	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	3.9	6.8	4.1
		23.0	3.8	3.2	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.6	3.9	6.7	4.1
		25.0	3.8	3.2	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.5	3.9	6.6	4.0
		27.0	3.8	3.2	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.4	3.8	6.6	4.0
		29.0	3.8	3.2	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.3	3.8	6.5	3.9
		31.0	3.8	3.2	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.2	3.8	6.4	3.9
		33.0	3.8	3.2	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.1	3.7	6.3	3.9
		35.0	3.8	3.2	4.5	3.6	5.2	4.0	5.6	4.1	5.9	4.2	6.0	3.7	6.2	3.8
		37.0	3.8	3.2	4.5	3.6	5.2	4.0	5.6	4.1	5.8	4.2	5.9	3.6	6.1	3.8
		39.0	3.8	3.2	4.5	3.6	5.2	4.0	5.6	4.1	5.7	4.1	5.8	3.6	6.0	3.7
63	7.1	10.0	4.8	4.1	5.7	4.6	6.6	5.0	7.1	5.2	7.6	5.3	8.5	5.4	9.3	5.5
		12.0	4.8	4.1	5.7	4.6	6.6	5.0	7.1	5.2	7.6	5.3	8.5	5.4	9.2	5.4
		14.0	4.8	4.1	5.7	4.6	6.6	5.0	7.1	5.2	7.6	5.3	8.5	5.4	9.1	5.4
		16.0	4.8	4.1	5.7	4.6	6.6	5.0	7.1	5.2	7.6	5.3	8.5	5.4	9.0	5.3
		18.0	4.8	4.1	5.7	4.6	6.6	5.0	7.1	5.2	7.6	5.3	8.5	5.4	8.8	5.2
		20.0	4.8	4.1	5.7	4.6	6.6	5.0	7.1	5.2	7.6	5.3	8.5	5.4	8.7	5.1
		21.0	4.8	4.1	5.7	4.6	6.6	5.0	7.1	5.2	7.6	5.3	8.5	5.4	8.7	5.1
		23.0	4.8	4.1	5.7	4.6	6.6	5.0	7.1	5.2	7.6	5.3	8.4	5.4	8.5	5.0
		25.0	4.8	4.1	5.7	4.6	6.6	5.0	7.1	5.2	7.6	5.3	8.3	5.3	8.4	5.0
		27.0	4.8	4.1	5.7	4.6	6.6	5.0	7.1	5.2	7.6	5.3	8.1	5.2	8.3	5.0
		29.0	4.8	4.1	5.7	4.6	6.6	5.0	7.1	5.2	7.6	5.3	8.0	5.1	8.2	4.9
		31.0	4.8	4.1	5.7	4.6	6.6	5.0	7.1	5.2	7.6	5.3	7.9	5.1	8.1	4.9
		33.0	4.8	4.1	5.7	4.6	6.6	5.0	7.1	5.2	7.6	5.3	7.8	5.0	7.9	4.8
		35.0	4.8	4.1	5.7	4.6	6.6	5.0	7.1	5.2	7.5	5.2	7.7	5.0	7.8	4.8
		37.0	4.8	4.1	5.7	4.6	6.6	5.0	7.1	5.2	7.4	5.2	7.5	4.9	7.7	4.7
		39.0	4.8	4.1	5.7	4.6	6.6	5.0	7.1	5.2	7.2	5.1	7.4	4.9	7.6	4.7
80	9.0	10.0	6.1	5.2	7.2	5.8	8.4	6.4	9.0	6.5	9.6	6.7	10.8	6.9	11.8	7.1
		12.0	6.1	5.2	7.2	5.8	8.4	6.4	9.0	6.5	9.6	6.7	10.8	6.9	11.7	7.0
		14.0	6.1	5.2	7.2	5.8	8.4	6.4	9.0	6.5	9.6	6.7	10.8	6.9	11.5	6.9
		16.0	6.1	5.2	7.2	5.8	8.4	6.4	9.0	6.5	9.6	6.7	10.8	6.9	11.4	6.8
		18.0	6.1	5.2	7.2	5.8	8.4	6.4	9.0	6.5	9.6	6.7	10.8	6.9	11.2	6.7
		20.0	6.1	5.2	7.2	5.8	8.4	6.4	9.0	6.5	9.6	6.7	10.8	6.9	11.1	6.6
		21.0	6.1	5.2	7.2	5.8	8.4	6.4	9.0	6.5	9.6	6.7	10.8	6.9	11.0	6.6
		23.0	6.1	5.2	7.2	5.8	8.4	6.4	9.0	6.5	9.6	6.7	10.6	6.8	10.8	6.4
		25.0	6.1	5.2	7.2	5.8	8.4	6.4	9.0	6.5	9.6	6.7	10.5	6.7	10.7	6.4
		27.0	6.1	5.2	7.2	5.8	8.4	6.4	9.0	6.5	9.6	6.7	10.3	6.6	10.5	6.3
		29.0	6.1	5.2	7.2	5.8	8.4	6.4	9.0	6.5	9.6	6.7	10.2	6.5	10.4	6.2
		31.0	6.1	5.2	7.2	5.8	8.4	6.4	9.0	6.5	9.6	6.7	10.0	6.5	10.2	6.2
		33.0	6.1	5.2	7.2	5.8	8.4	6.4	9.0	6.5	9.6	6.7	9.8	6.4	10.1	6.2
		35.0	6.1	5.2	7.2	5.8	8.4	6.4	9.0	6.5	9.5	6.6	9.7	6.4	9.9	6.1
		37.0	6.1	5.2	7.2	5.8	8.4	6.4	9.0	6.5	9.3	6.5	9.5	6.3	9.8	6.0
		39.0	6.1	5.2	7.2	5.8	8.4	6.4	9.0	6.6	9.2	6.5	9.4	6.2	9.6	6.0
100	11.2	10.0	7.6	6.2	9.0	6.9	10.5	7.7	11.2	7.8	11.9	8.0	13.4	8.3	14.7	8.5
		12.0	7.6	6.2	9.0	6.9	10.5	7.7	11.2	7.8	11.9	8.0	13.4	8.3	14.5	8.3
		14.0	7.6	6.2	9.0	6.9	10.5	7.7	11.2	7.8	11.9	8.0	13.4	8.3	14.4	8.3
		16.0	7.6	6.2	9.0	6.9	10.5	7.7	11.2	7.8	11.9	8.0	13.4	8.3	14.2	8.1
		18.0	7.6	6.2	9.0	6.9	10.5	7.7	11.2	7.8	11.9	8.0	13.4	8.3	14.0	8.0
		20.0	7.6	6.2	9.0	6.9	10.5	7.7	11.2	7.8	11.9	8.0	13.4	8.3	13.8	7.9
		21.0	7.6	6.2	9.0	6.9	10.5	7.7	11.2	7.8	11.9	8.0	13.4	8.3	13.7	7.9
		23.0	7.6	6.2	9.0	6.9	10.5	7.7	11.2	7.8	11.9	8.0	13.2	8.2	13.5	7.8
		25.0	7.6	6.2	9.0	6.9	10.5	7.7	11.2	7.8	11.9	8.0	13.0	8.1	13.3	7.7
		27.0	7.6	6.2	9.0	6.9	10.5	7.7	11.2	7.8	11.9	8.0	12.8	8.0	13.1	7.6
		29.0	7.6	6.2	9.0	6.9	10.5	7.7	11.2	7.8	11.9	8.0	12.6	7.9	12.9	7.5
		31.0	7.6	6.2	9.0	6.9	10.5	7.7	11.2	7.8	11.9	8.0	12.4	7.8	12.7	7.4
		33.0	7.6	6.2	9.0	6.9	10.5	7.7	11.2	7.8	11.9	8.0	12.2	7.7	12.5	7.4
		35.0	7.6	6.2	9.0	6.9	10.5	7.7	11.2	7.8	11.8	7.9	12.1	7.6	12.3	7.3
		37.0	7.6	6.2	9.0	6.9	10.5	7.7	11.2	7.8	11.6	7.8	11.9	7.5	12.2	7.2
		39.0	7.6	6.2	9.0	6.9	10.5	7.7	11.2	7.9	11.4	7.7	11.7	7.5	12.0	7.2

TC: Total Capacity;kW – SHC: Sensible Capacity;kW

Unit size	Nominal capacity	Outdoor air temp.	Indoor air temperature													
			14.0WB		16.0WB		18.0WB		19.0WB		20.0WB		22.0WB		24.0WB	
			20.0DB		23.0DB		26.0DB		27.0DB		28.0DB		30.0DB		32.0DB	
		°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
125	14.0	10.0	9.5	7.7	11.3	8.6	13.1	9.6	14.0	9.8	14.9	9.9	16.8	10.5	18.4	10.9
		12.0	9.5	7.7	11.3	8.6	13.1	9.6	14.0	9.8	14.9	9.9	16.8	10.5	18.2	10.7
		14.0	9.5	7.7	11.3	8.6	13.1	9.6	14.0	9.8	14.9	9.9	16.8	10.5	18.0	10.6
		16.0	9.5	7.7	11.3	8.6	13.1	9.6	14.0	9.8	14.9	9.9	16.8	10.5	17.7	10.4
		18.0	9.5	7.7	11.3	8.6	13.1	9.6	14.0	9.8	14.9	9.9	16.8	10.5	17.5	10.3
		20.0	9.5	7.7	11.3	8.6	13.1	9.6	14.0	9.8	14.9	9.9	16.8	10.5	17.2	10.2
		21.0	9.5	7.7	11.3	8.6	13.1	9.6	14.0	9.8	14.9	9.9	16.8	10.5	17.1	10.1
		23.0	9.5	7.7	11.3	8.6	13.1	9.6	14.0	9.8	14.9	9.9	16.5	10.3	16.9	9.9
		25.0	9.5	7.7	11.3	8.6	13.1	9.6	14.0	9.8	14.9	9.9	16.3	10.2	16.6	9.8
		27.0	9.5	7.7	11.3	8.6	13.1	9.6	14.0	9.8	14.9	9.9	16.1	10.0	16.4	9.7
		29.0	9.5	7.7	11.3	8.6	13.1	9.6	14.0	9.8	14.9	9.9	15.8	9.8	16.2	9.6
		31.0	9.5	7.7	11.3	8.6	13.1	9.6	14.0	9.8	14.9	9.9	15.6	9.8	15.9	9.4
		33.0	9.5	7.7	11.3	8.6	13.1	9.6	14.0	9.8	14.9	9.9	15.3	9.6	15.7	9.2
		35.0	9.5	7.7	11.3	8.6	13.1	9.6	14.0	9.8	14.8	9.8	15.1	9.5	15.4	9.1
		37.0	9.5	7.7	11.3	8.6	13.1	9.6	14.0	9.8	14.5	9.7	14.9	9.4	15.2	9.0
		39.0	9.5	7.7	11.3	8.6	13.1	9.6	14.0	9.8	14.3	9.5	14.6	9.2	15.0	8.9

3TW25592-1

5.2 Heating Capacity

Unit Size	Nominal capacity	Outdoor air temperature		Indoor air temperature °CDB					
				16.0	18.0	20.0	21.0	22.0	24.0
		°CDB	°CWB	kW	kW	kW	kW	kW	kW
20	2.5	-19.8	-20.0	1.5	1.5	1.5	1.5	1.5	1.5
		-18.8	-19.0	1.5	1.5	1.5	1.5	1.5	1.5
		-16.7	-17.0	1.6	1.6	1.6	1.6	1.6	1.6
		-14.7	-15.0	1.7	1.7	1.7	1.7	1.7	1.7
		-12.6	-13.0	1.8	1.8	1.8	1.8	1.8	1.8
		-10.5	-11.0	1.9	1.9	1.9	1.9	1.9	1.9
		-9.5	-10.0	1.9	1.9	1.9	1.9	1.9	1.9
		-8.5	-9.1	2.0	2.0	1.9	1.9	1.9	1.9
		-7.0	-7.6	2.0	2.0	2.0	2.0	2.0	2.0
		-5.0	-5.6	2.1	2.1	2.1	2.1	2.1	2.1
		-3.0	-3.7	2.2	2.2	2.2	2.2	2.2	2.2
		0.0	-0.7	2.3	2.3	2.3	2.3	2.3	2.2
		3.0	2.2	2.5	2.5	2.4	2.4	2.3	2.2
		5.0	4.1	2.5	2.5	2.5	2.4	2.3	2.2
		7.0	6.0	2.6	2.6	2.5	2.4	2.3	2.2
		9.0	7.9	2.7	2.7	2.5	2.4	2.3	2.2
		11.0	9.8	2.8	2.7	2.5	2.4	2.3	2.2
		13.0	11.8	2.8	2.7	2.5	2.4	2.3	2.2
		15.0	13.7	2.8	2.7	2.5	2.4	2.3	2.2
25	3.2	-19.8	-20.0	1.9	1.9	1.9	1.9	1.9	1.9
		-18.8	-19.0	1.9	1.9	1.9	1.9	1.9	1.9
		-16.7	-17.0	2.1	2.1	2.0	2.0	2.0	2.0
		-14.7	-15.0	2.2	2.2	2.2	2.2	2.2	2.1
		-12.6	-13.0	2.3	2.3	2.3	2.3	2.3	2.3
		-10.5	-11.0	2.4	2.4	2.4	2.4	2.4	2.4
		-9.5	-10.0	2.5	2.4	2.4	2.4	2.4	2.4
		-8.5	-9.1	2.5	2.5	2.5	2.5	2.5	2.5
		-7.0	-7.6	2.6	2.6	2.6	2.6	2.6	2.6
		-5.0	-5.6	2.7	2.7	2.7	2.7	2.7	2.7
		-3.0	-3.7	2.8	2.8	2.8	2.8	2.8	2.8
		0.0	-0.7	3.0	3.0	3.0	3.0	3.0	2.8
		3.0	2.2	3.1	3.1	3.1	3.1	3.0	2.8
		5.0	4.1	3.3	3.2	3.2	3.1	3.0	2.8
		7.0	6.0	3.4	3.4	3.2	3.1	3.0	2.8
		9.0	7.9	3.5	3.4	3.2	3.1	3.0	2.8
		11.0	9.8	3.6	3.4	3.2	3.1	3.0	2.8
		13.0	11.8	3.6	3.4	3.2	3.1	3.0	2.8
		15.0	13.7	3.6	3.4	3.2	3.1	3.0	2.8
32	4.0	-19.8	-20.0	2.4	2.4	2.3	2.3	2.3	2.3
		-18.8	-19.0	2.4	2.4	2.4	2.4	2.4	2.4
		-16.7	-17.0	2.6	2.6	2.6	2.6	2.6	2.5
		-14.7	-15.0	2.7	2.7	2.7	2.7	2.7	2.7
		-12.6	-13.0	2.9	2.8	2.8	2.8	2.8	2.8
		-10.5	-11.0	3.0	3.0	3.0	3.0	3.0	3.0
		-9.5	-10.0	3.1	3.1	3.1	3.1	3.0	3.0
		-8.5	-9.1	3.1	3.1	3.1	3.1	3.1	3.1
		-7.0	-7.6	3.2	3.2	3.2	3.2	3.2	3.2
		-5.0	-5.6	3.4	3.4	3.4	3.4	3.4	3.4
		-3.0	-3.7	3.5	3.5	3.5	3.5	3.5	3.5
		0.0	-0.7	3.7	3.7	3.7	3.7	3.7	3.5
		3.0	2.2	3.9	3.9	3.9	3.9	3.7	3.5
		5.0	4.1	4.1	4.1	4.0	3.9	3.7	3.5
		7.0	6.0	4.2	4.2	4.0	3.9	3.7	3.5
		9.0	7.9	4.3	4.3	4.0	3.9	3.7	3.5
		11.0	9.8	4.5	4.3	4.0	3.9	3.7	3.5
		13.0	11.8	4.5	4.3	4.0	3.9	3.7	3.5
		15.0	13.7	4.5	4.3	4.0	3.9	3.7	3.5

Unit Size	Nominal capacity	Outdoor air temperature		Indoor air temperature °CDB					
				16.0	18.0	20.0	21.0	22.0	24.0
		°CDB	°CWB	kW	kW	kW	kW	kW	kW
40	5.0	-19.8	-20.0	3.0	2.9	2.9	2.9	2.9	2.9
		-18.8	-19.0	3.0	3.0	3.0	3.0	3.0	3.0
		-16.7	-17.0	3.2	3.2	3.2	3.2	3.2	3.2
		-14.7	-15.0	3.4	3.4	3.4	3.4	3.4	3.4
		-12.6	-13.0	3.6	3.6	3.6	3.5	3.5	3.5
		-10.5	-11.0	3.7	3.7	3.7	3.7	3.7	3.7
		-9.5	-10.0	3.8	3.8	3.8	3.8	3.8	3.8
		-8.5	-9.1	3.9	3.9	3.9	3.9	3.9	3.9
		-7.0	-7.6	4.0	4.0	4.0	4.0	4.0	4.0
		-5.0	-5.6	4.2	4.2	4.2	4.2	4.2	4.2
		-3.0	-3.7	4.4	4.4	4.4	4.4	4.4	4.4
		0.0	-0.7	4.7	4.6	4.6	4.6	4.6	4.4
		3.0	2.2	4.9	4.9	4.9	4.8	4.7	4.4
		5.0	4.1	5.1	5.1	5.0	4.8	4.7	4.4
		7.0	6.0	5.2	5.2	5.0	4.8	4.7	4.4
		9.0	7.9	5.4	5.3	5.0	4.8	4.7	4.4
		11.0	9.8	5.6	5.3	5.0	4.8	4.7	4.4
		13.0	11.8	5.6	5.3	5.0	4.8	4.7	4.4
		15.0	13.7	5.6	5.3	5.0	4.8	4.7	4.4
50	6.3	-19.8	-20.0	3.7	3.7	3.7	3.7	3.7	3.7
		-18.8	-19.0	3.8	3.8	3.8	3.8	3.8	3.8
		-16.7	-17.0	4.1	4.0	4.0	4.0	4.0	4.0
		-14.7	-15.0	4.3	4.3	4.3	4.2	4.2	4.2
		-12.6	-13.0	4.5	4.5	4.5	4.5	4.5	4.5
		-10.5	-11.0	4.7	4.7	4.7	4.7	4.7	4.7
		-9.5	-10.0	4.8	4.8	4.8	4.8	4.8	4.8
		-8.5	-9.1	4.9	4.9	4.9	4.9	4.9	4.9
		-7.0	-7.6	5.1	5.1	5.1	5.1	5.1	5.1
		-5.0	-5.6	5.3	5.3	5.3	5.3	5.3	5.3
		-3.0	-3.7	5.5	5.5	5.5	5.5	5.5	5.5
		0.0	-0.7	5.9	5.9	5.8	5.8	5.8	5.5
		3.0	2.2	6.2	6.2	6.2	6.1	5.9	5.5
		5.0	4.1	6.4	6.4	6.3	6.1	5.9	5.5
		7.0	6.0	6.6	6.6	6.3	6.1	5.9	5.5
		9.0	7.9	6.8	6.7	6.3	6.1	5.9	5.5
		11.0	9.8	7.0	6.7	6.3	6.1	5.9	5.5
		13.0	11.8	7.1	6.7	6.3	6.1	5.9	5.5
		15.0	13.7	7.1	6.7	6.3	6.1	5.9	5.5
63	8.0	-19.8	-20.0	4.7	4.7	4.7	4.7	4.7	4.7
		-18.8	-19.0	4.9	4.9	4.8	4.8	4.8	4.8
		-16.7	-17.0	5.1	5.1	5.1	5.1	5.1	5.1
		-14.7	-15.0	5.4	5.4	5.4	5.4	5.4	5.4
		-12.6	-13.0	5.7	5.7	5.7	5.7	5.7	5.7
		-10.5	-11.0	6.0	6.0	6.0	6.0	6.0	5.9
		-9.5	-10.0	6.1	6.1	6.1	6.1	6.1	6.1
		-8.5	-9.1	6.3	6.3	6.2	6.2	6.2	6.2
		-7.0	-7.6	6.5	6.5	6.4	6.4	6.4	6.4
		-5.0	-5.6	6.8	6.7	6.7	6.7	6.7	6.7
		-3.0	-3.7	7.0	7.0	7.0	7.0	7.0	7.0
		0.0	-0.7	7.5	7.4	7.4	7.4	7.4	7.0
		3.0	2.2	7.9	7.8	7.8	7.7	7.5	7.0
		5.0	4.1	8.1	8.1	8.0	7.7	7.5	7.0
		7.0	6.0	8.4	8.4	8.0	7.7	7.5	7.0
		9.0	7.9	8.7	8.5	8.0	7.7	7.5	7.0
		11.0	9.8	8.9	8.5	8.0	7.7	7.5	7.0
		13.0	11.8	9.0	8.5	8.0	7.7	7.5	7.0
		15.0	13.7	9.0	8.5	8.0	7.7	7.5	7.0

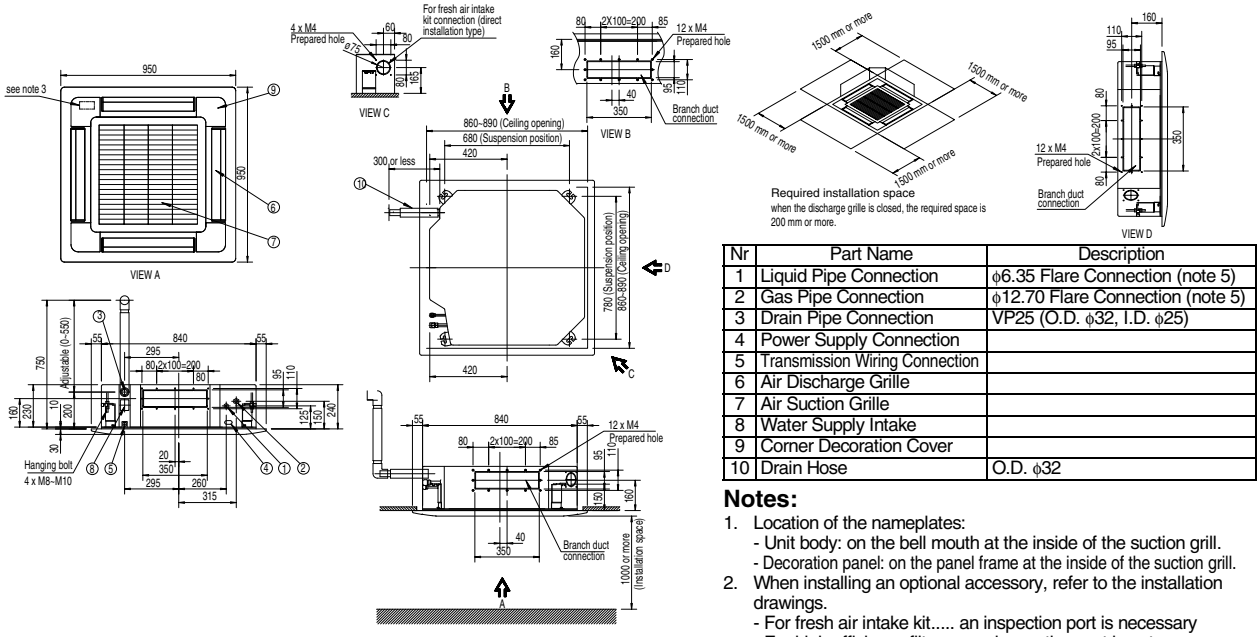
Unit Size	Nominal capacity	Outdoor air temperature		Indoor air temperature °CDB					
				16.0	18.0	20.0	21.0	22.0	24.0
		°CDB	°CWB	kW	kW	kW	kW	kW	kW
80	10.0	-19.8	-20.0	5.9	5.9	5.9	5.9	5.9	5.8
		-18.8	-19.0	6.1	6.1	6.0	6.0	6.0	6.0
		-16.7	-17.0	6.4	6.4	6.4	6.4	6.4	6.4
		-14.7	-15.0	6.8	6.8	6.8	6.7	6.7	6.7
		-12.6	-13.0	7.1	7.1	7.1	7.1	7.1	7.1
		-10.5	-11.0	7.5	7.5	7.5	7.5	7.4	7.4
		-9.5	-10.0	7.7	7.7	7.6	7.6	7.6	7.6
		-8.5	-9.1	7.8	7.8	7.8	7.8	7.8	7.8
		-7.0	-7.6	8.1	8.1	8.1	8.1	8.0	8.0
		-5.0	-5.6	8.4	8.4	8.4	8.4	8.4	8.4
		-3.0	-3.7	8.8	8.8	8.7	8.7	8.7	8.7
		0.0	-0.7	9.3	9.3	9.3	9.3	9.3	8.7
		3.0	2.2	9.8	9.8	9.8	9.7	9.4	8.7
		5.0	4.1	10.2	10.1	10.0	9.7	9.4	8.7
		7.0	6.0	10.5	10.5	10.0	9.7	9.4	8.7
		9.0	7.9	10.8	10.6	10.0	9.7	9.4	8.7
		11.0	9.8	11.2	10.6	10.0	9.7	9.4	8.7
		13.0	11.8	11.3	10.6	10.0	9.7	9.4	8.7
		15.0	13.7	11.3	10.6	10.0	9.7	9.4	8.7
100	12.5	-19.8	-20.0	7.4	7.4	7.3	7.3	7.3	7.3
		-18.8	-19.0	7.6	7.6	7.6	7.5	7.5	7.5
		-16.7	-17.0	8.0	8.0	8.0	8.0	8.0	8.0
		-14.7	-15.0	8.5	8.5	8.4	8.4	8.4	8.4
		-12.6	-13.0	8.9	8.9	8.9	8.9	8.9	8.8
		-10.5	-11.0	9.4	9.3	9.3	9.3	9.3	9.3
		-9.5	-10.0	9.6	9.6	9.5	9.5	9.5	9.5
		-8.5	-9.1	9.8	9.8	9.7	9.7	9.7	9.7
		-7.0	-7.6	10.1	10.1	10.1	10.1	10.1	10.0
		-5.0	-5.6	10.6	10.5	10.5	10.5	10.5	10.5
		-3.0	-3.7	11.0	11.0	10.9	10.9	10.9	10.9
		0.0	-0.7	11.6	11.6	11.6	11.6	11.6	10.9
		3.0	2.2	12.3	12.3	12.2	12.1	11.7	10.9
		5.0	4.1	12.7	12.7	12.5	12.1	11.7	10.9
		7.0	6.0	13.1	13.1	12.5	12.1	11.7	10.9
		9.0	7.9	13.5	13.3	12.5	12.1	11.7	10.9
		11.0	9.8	14.0	13.3	12.5	12.1	11.7	10.9
		13.0	11.8	14.1	13.3	12.5	12.1	11.7	10.9
		15.0	13.7	14.1	13.3	12.5	12.1	11.7	10.9
125	16.0	-19.8	-20.0	9.4	9.4	9.4	9.4	9.4	9.3
		-18.8	-19.0	9.7	9.7	9.7	9.7	9.6	9.6
		-16.7	-17.0	10.3	10.3	10.2	10.2	10.2	10.2
		-14.7	-15.0	10.9	10.8	10.8	10.8	10.8	10.7
		-12.6	-13.0	11.4	11.4	11.4	11.4	11.3	11.3
		-10.5	-11.0	12.0	12.0	11.9	11.9	11.9	11.9
		-9.5	-10.0	12.3	12.2	12.2	12.2	12.2	12.2
		-8.5	-9.1	12.5	12.5	12.5	12.5	12.4	12.4
		-7.0	-7.6	13.0	12.9	12.9	12.9	12.9	12.8
		-5.0	-5.6	13.5	13.5	13.5	13.4	13.4	13.4
		-3.0	-3.7	14.1	14.0	14.0	14.0	14.0	13.9
		0.0	-0.7	14.9	14.9	14.8	14.8	14.8	13.9
		3.0	2.2	15.7	15.7	15.7	15.5	15.0	13.9
		5.0	4.1	16.3	16.2	16.0	15.5	15.0	13.9
		7.0	6.0	16.8	16.8	16.0	15.5	15.0	13.9
		9.0	7.9	17.3	17.0	16.0	15.5	15.0	13.9
		11.0	9.8	17.9	17.0	16.0	15.5	15.0	13.9
		13.0	11.8	18.1	17.0	16.0	15.5	15.0	13.9
		15.0	13.7	18.1	17.0	16.0	15.5	15.0	13.9

3TW25512-2

6. Dimensions

6.1 Dimensional Drawings

S-20, 25, 32, 40, 50, 63UM3HPQ



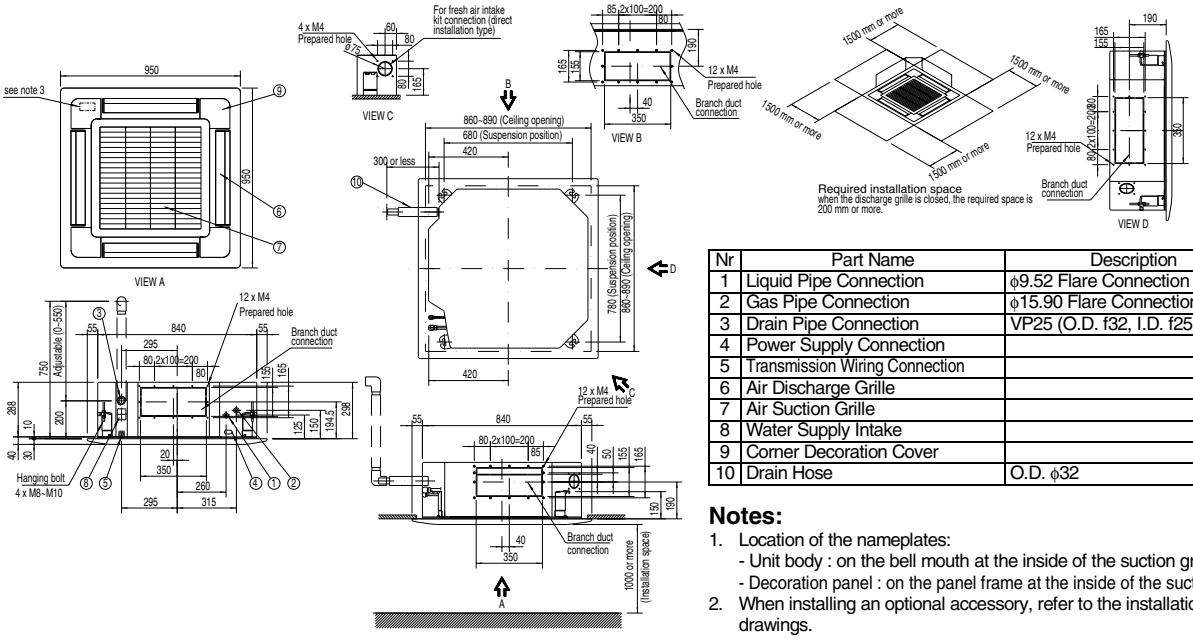
Nr	Part Name	Description
1	Liquid Pipe Connection	ϕ6.35 Flare Connection (note 5)
2	Gas Pipe Connection	ϕ12.70 Flare Connection (note 5)
3	Drain Pipe Connection	VP25 (O.D. ϕ32, I.D. ϕ25)
4	Power Supply Connection	
5	Transmission Wiring Connection	
6	Air Discharge Grille	
7	Air Suction Grille	
8	Water Supply Intake	
9	Corner Decoration Cover	
10	Drain Hose	O.D. ϕ32

Notes:

1. Location of the nameplates:
   - Unit body: on the bell mouth at the inside of the suction grill.
   - Decoration panel: on the panel frame at the inside of the suction grill.
2. When installing an optional accessory, refer to the installation drawings.
   - For fresh air intake kit..... an inspection port is necessary
   - For high efficiency filter..... an inspection port is not necessary
   - For branch duct chamber..... an inspection port is not necessary
3. In case of using an infrared remote control, this position will be a signal receiver. Refer to the drawing of the infrared remote control for more details.
4. When the conditions exceed 30°C and RH 80% in the ceiling or fresh air is inducted into the ceiling, an additional insulation is required (polyethylene foam, thickness 10mm or more).
5. S-63UM3HPQ : liquid pipe connection : ϕ9.5 flare connection
6. gas pipe connection : ϕ15.9 flare connection

3TW25594-1

S-80, 100, 125UM3HPQ



Nr	Part Name	Description
1	Liquid Pipe Connection	ϕ9.52 Flare Connection
2	Gas Pipe Connection	ϕ15.90 Flare Connection
3	Drain Pipe Connection	VP25 (O.D. f32, I.D. f25)
4	Power Supply Connection	
5	Transmission Wiring Connection	
6	Air Discharge Grille	
7	Air Suction Grille	
8	Water Supply Intake	
9	Corner Decoration Cover	
10	Drain Hose	O.D. ϕ32

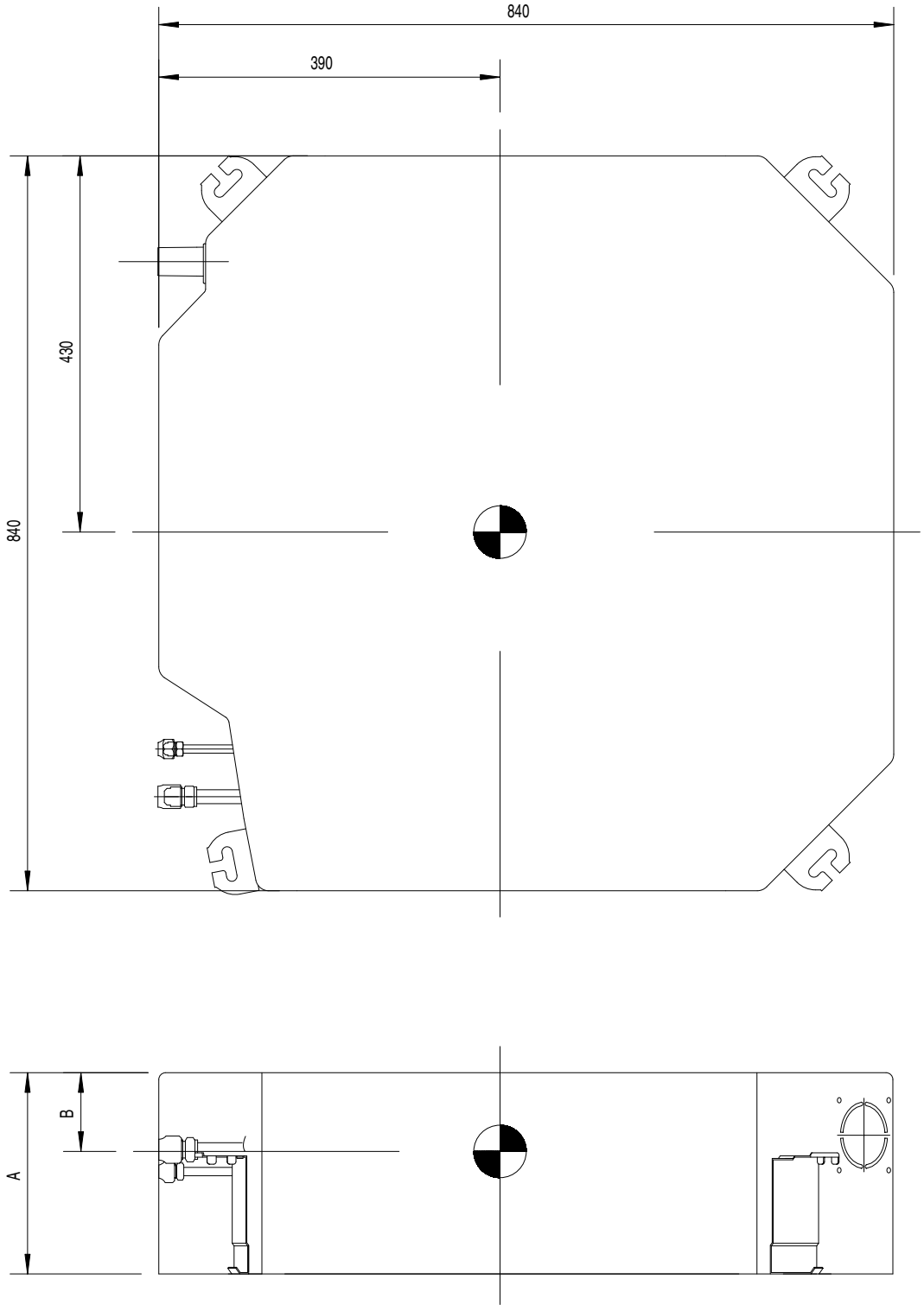
Notes:

1. Location of the nameplates:
   - Unit body : on the bell mouth at the inside of the suction grill.
   - Decoration panel : on the panel frame at the inside of the suction grill.
2. When installing an optional accessory, refer to the installation drawings.
   - For fresh air intake kit..... an inspection port is necessary
   - For high efficiency filter..... an inspection port is not necessary
   - For branch duct chamber..... an inspection port is not necessary
3. In case of using an infrared remote control, this position will be a signal receiver. Refer to the drawing of the infrared remote control for more details.
4. When the conditions exceed 30°C and RH 80% in the ceiling or fresh air is inducted into the ceiling, an additional insulation is required (polyethylene foam, thickness 10mm or more).

3TW25654-1

6.2 Centre of Gravity

S-UM3HPQ

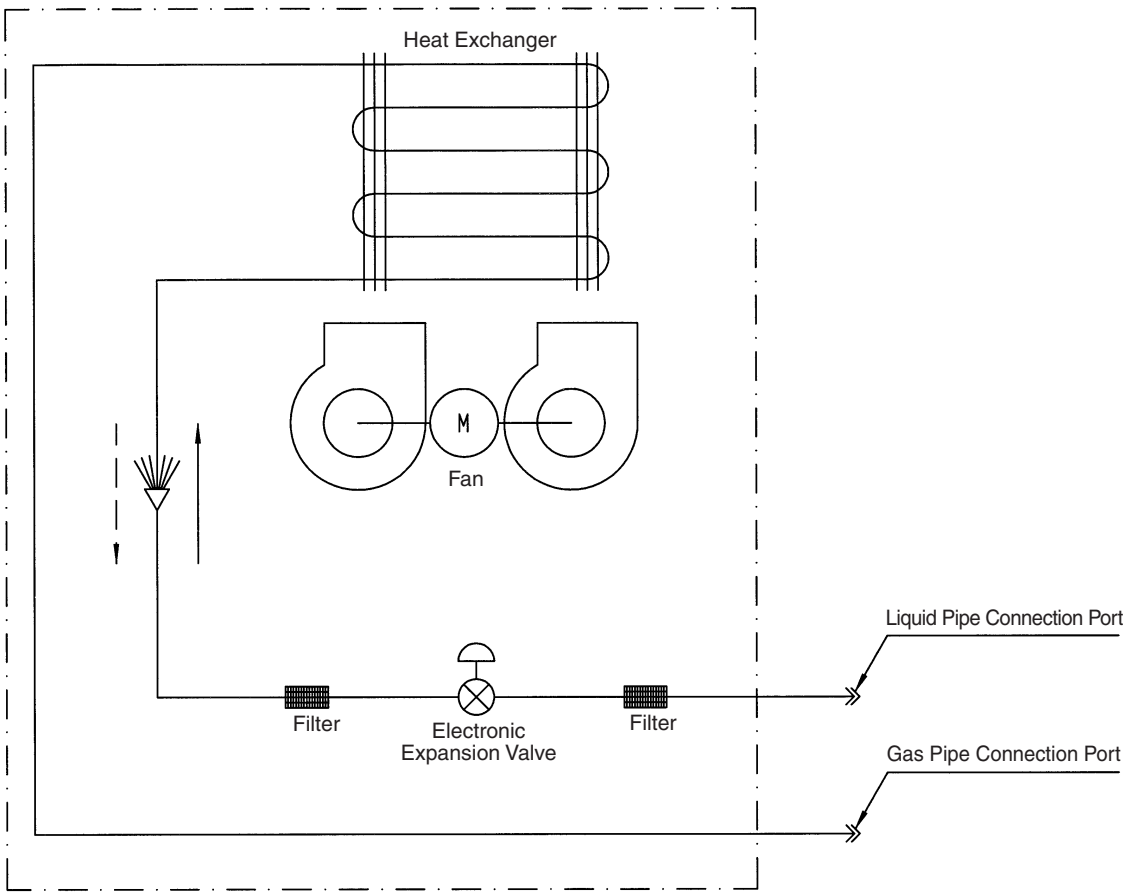


Models	A	B
S-20, 25, 32, 40, 50, 63UM3HPQ	230	90
S-80,100,125UM3HPQ	288	120

4TW25599-2

7. Piping Diagram

S-UM3HPQ



Refrigerant Flow

Cooling ——→
Heating - - - - →

Piping Connection Diameters

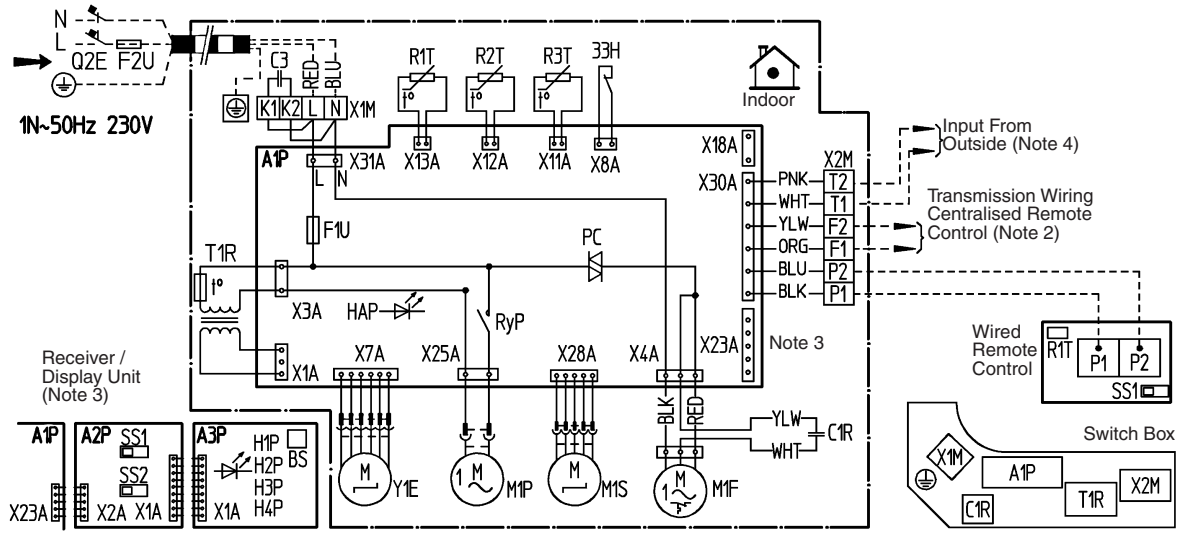
Models	Gas	Liquid
S-20, 25, 32, 40, 50UM3HPQ	ϕ12.7	ϕ6.35
S-63, 80, 100, 125UM3HPQ	ϕ15.9	ϕ9.5

Check Valve
Flare Connection
Screw Connection
Flange Connection
Pinched Pipe
Spinned Pipe

3TW25515-1

8. Wiring Diagrams

S-UM3HPQ



H	Float Switch	33R2T-R3T	Thermistor (Coil)	A2P, A3P	Printed Circuit Board
A1P	Printed Circuit Board	RyP	Magnetic Relay (M1P)	BS	On/Off Button
C1R	Capacitor (M1F)	T1R	Transformer (220-240V/22V)	H1P	Light Emitting Diode (On-Red)
C3	Capacitor	X1M	Terminal Strip (Power)	H2P	Light Emitting Diode (Timer-Green)
F1U	Fuse (250V, 5A)	X2M	Terminal Strip (Control)	H3P	Light Emitting Diode (Filter Sign-Red)
F2U	Field Fuse	PC	Phase Control Circuit	H4P	Light Emitting Diode (Defrost-Orange)
HAP	Light Emitting Diode (Service Monitor-Green)	Y1E	Electronic Expansion Valve	SS1	Selector Switch (Main/Sub)
M1F	Motor (Indoor Fan)	Wired Remote Control		SS2	Selector Switch (Infrared Address Set)
M1P	Motor (Drain Pump)	R1T	Thermistor (Air)	Connector for Optional Parts	
M1S	Motor (Swing Flap)	SS1	Selector Switch (Main/Sub)	X18A	Connector (Wiring Adapter for Electrical Appendices)
Q1E	Earth Leak Detector	Receiver/Display Unit (Attached to Infrared Remote Control)		X23A	Connector (Infrared Remote Control)
R1T	Thermistor (air)				

-------- : Field Wiring
□□□□ : Terminal
: Connector
: Wire Clamp

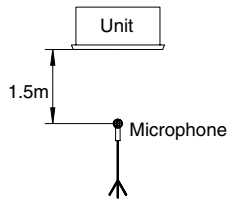
COLORS : BLK : Black PNK : Pink
BLU : Blue RED : Red
BRN : Brown WHT : White
ORG : Orange YLW : Yellow
GRY : Gray

Notes:
1. Use copper conductors only.
2. When using the centralized remote control, see manual for connection to the unit.
3. X23A is connected when infrared remote control kit is used.
4. When connecting the input wires from outside, forced off or ON/OFF control operation can be selected by the remote control manual. See installation manual for more details.

3TW23856-1

9. Sound Level

9.1 Measuring Conditions

Model	Sound Pressure Level - 230V			Sound Power Level
	H	L	Measuring Location	
S-20UM3HPQ	31	28		48
S-25UM3HPQ	31	28		48
S-32UM3HPQ	31	28		48
S-40UM3HPQ	32	28		49
S-50UM3HPQ	33	28		50
S-63UM3HPQ	34	29		51
S-80UM3HPQ	38	32		54
S-100UM3HPQ	40	33		56
S-125UM3HPQ	45	36		61

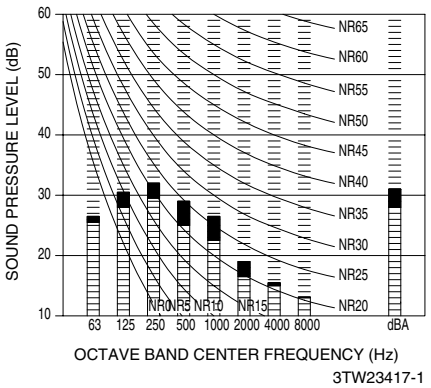
Notes:

1. dBA = A-weighted sound pressure level (A-scale according to IEC).
2. Reference acoustic pressure 0 dB = 20 mPa.
3. Data is valid at free field condition and nominal operation condition (230V, air discharge in 4 directions)
4. Operation noise differs with operation and ambient conditions.

6

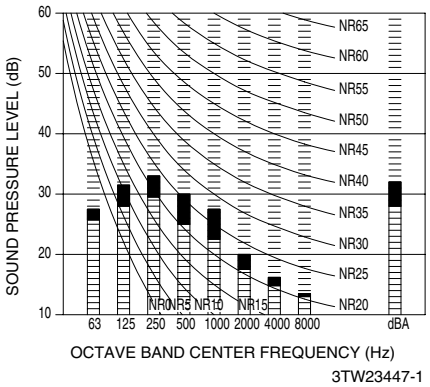
9.2 Sound Pressure Spectrum

S-20, 25, 32UM3HPQ



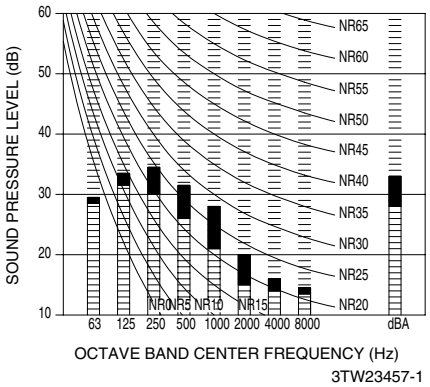
3TW23417-1

S-40UM3HPQ



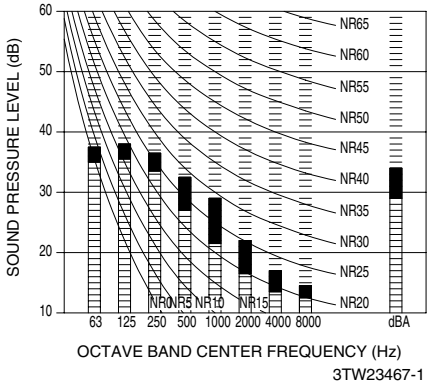
3TW23447-1

S-50UM3HPQ



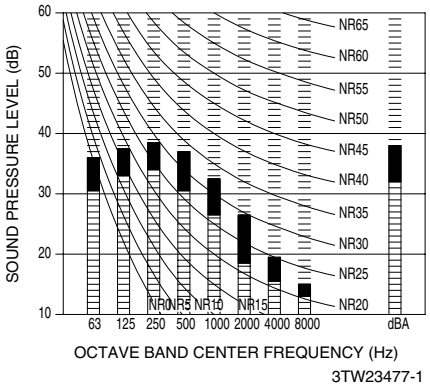
3TW23457-1

S-63UM3HPQ



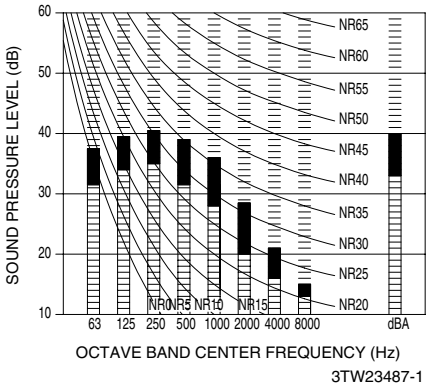
3TW23467-1

S-80UM3HPQ



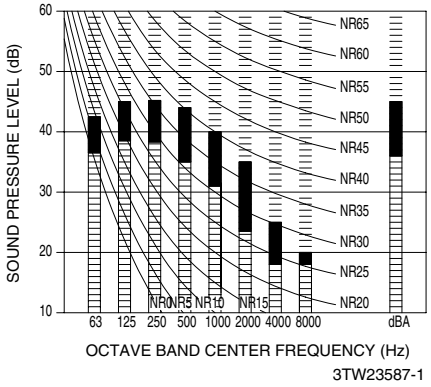
3TW23477-1

S-100UM3HPQ



3TW23487-1

S-125UM3HPQ



3TW23587-1

LEGEND

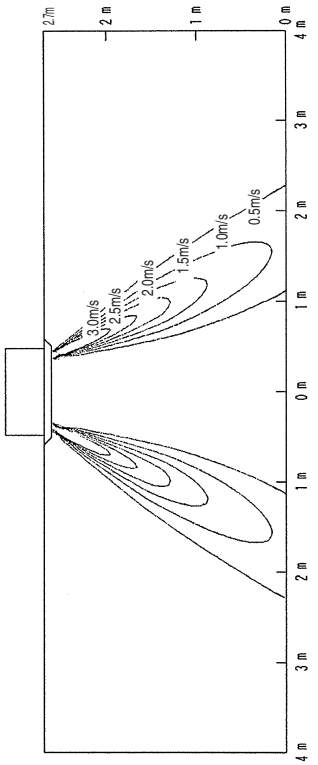
: HIGH SPEED

: LOW SPEED

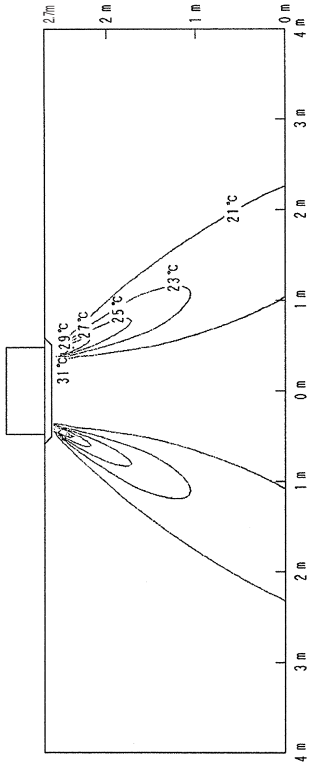
10. Air Flow Pattern & Branch Duct Connections

10.1 Air Flow Pattern

S-40UM3HPQ
Heating air velocity distribution
4-way discharge, air flow direction: down

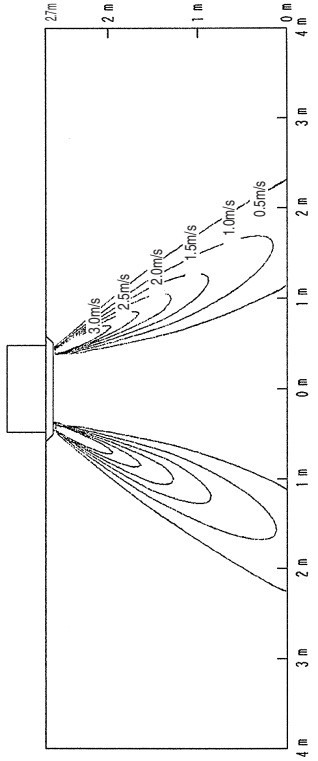


Heating air temperature distribution
4-way discharge, air flow direction: down

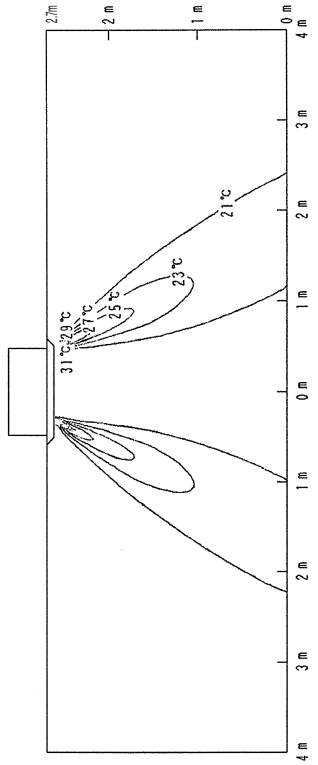


4D024116

S-50UM3HPQ
Heating air velocity distribution
4-way discharge, air flow direction: down



Heating air temperature distribution
4-way discharge, air flow direction: down



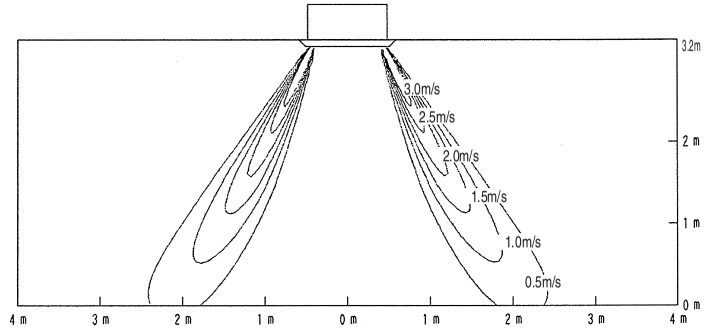
4D024117

6

S-80,100UM3HPQ

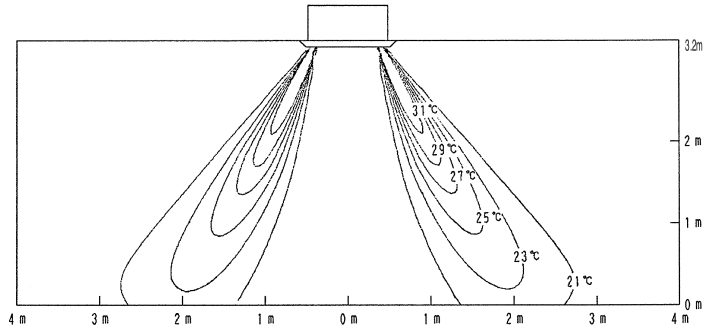
Heating air velocity distribution

4-way discharge, air flow direction: down



Heating air temperature distribution

4-way discharge, air flow direction: down

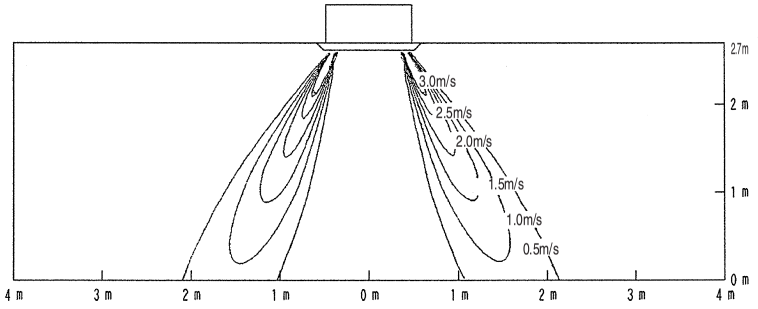


4D024119

S-63UM3HPQ

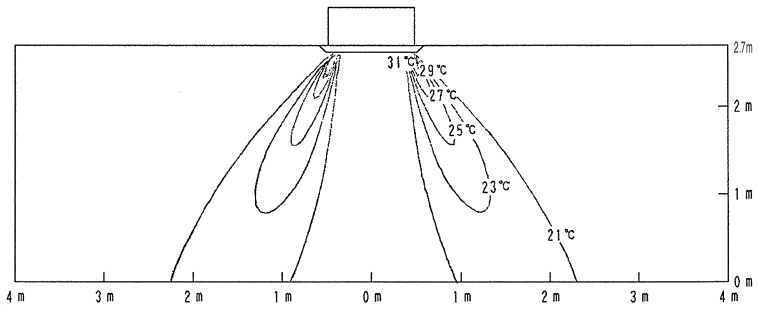
Heating air velocity distribution

4-way discharge, air flow direction: down



Heating air temperature distribution

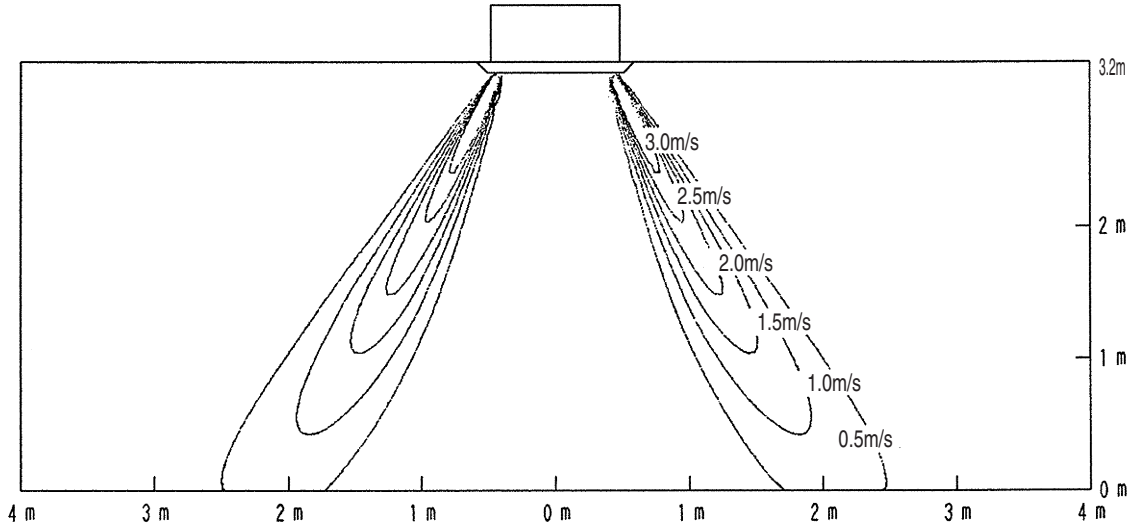
4-way discharge, air flow direction: down



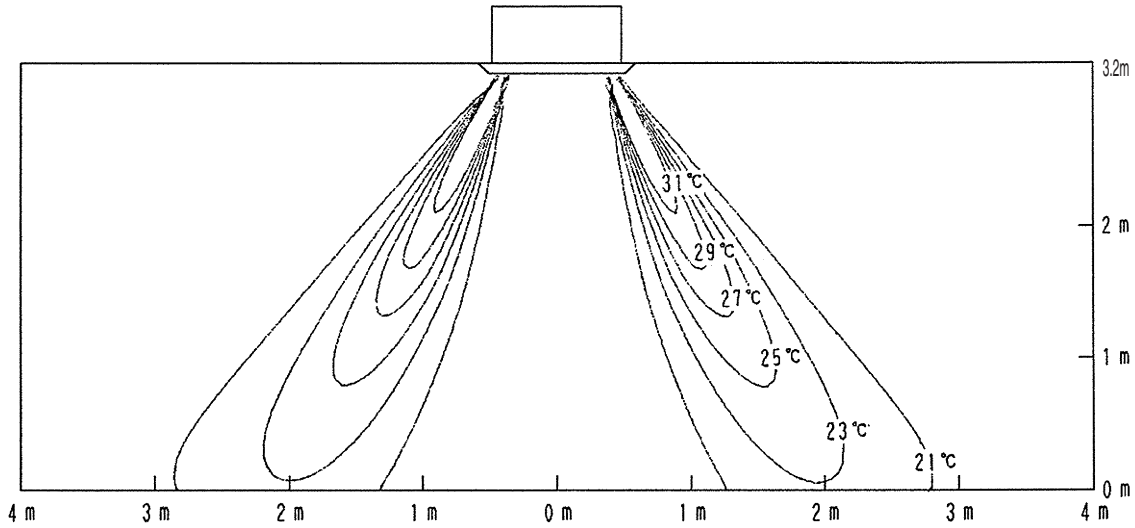
4D024118

S-125UM3HPQ

Heating air velocity distribution
4-way discharge, air flow direction: down



Heating air temperature distribution
4-way discharge, air flow direction: down



4D024120

6

10.2 Branch Duct Connections

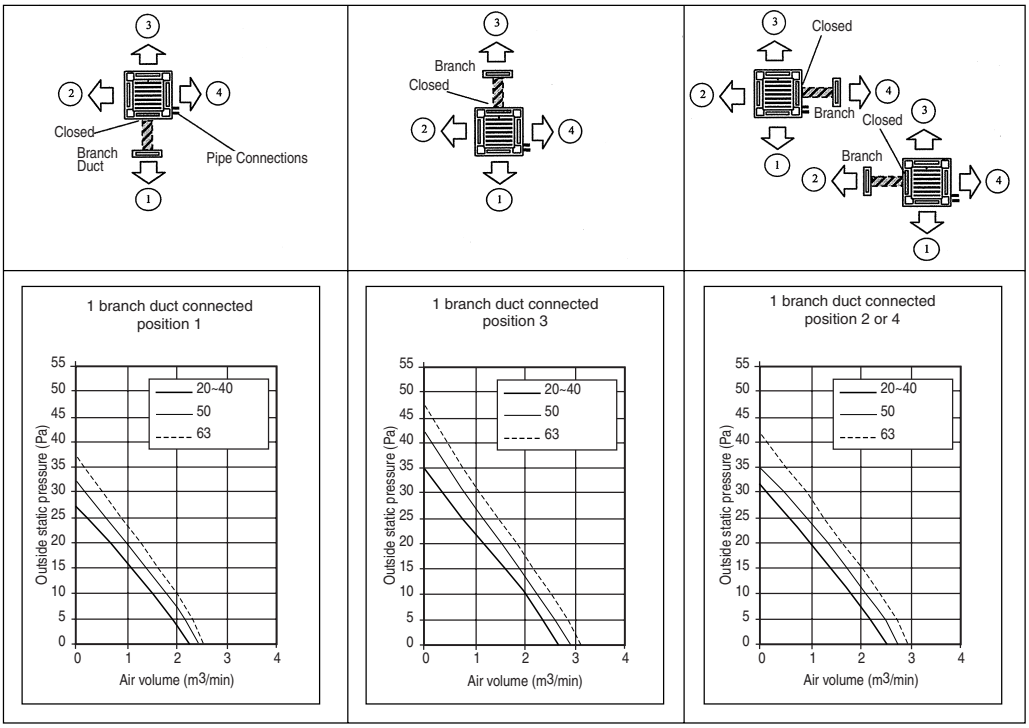
S-20, 25, 32, 40, 50, 63UM3HPQ

1 Branch duct - 3-way blow

Discharge grill : K-DGSC4B (connection : diameter 150mm)

Flexible duct : K-FDK154B (connection : diameter 150mm, length : 4m)

Air volume : 1.5~2.0m^3 / min



3TW22839-7

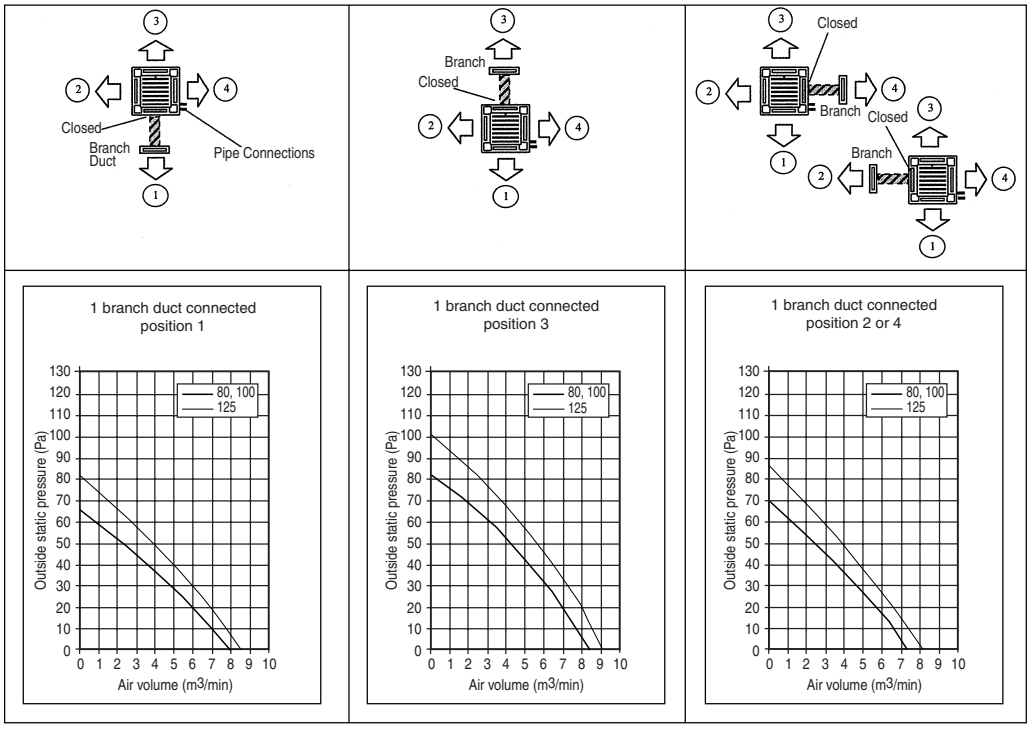
S-80, 100, 125UM3HPQ

1 Branch duct - 3-way blow

Discharge grill : K-DGSC4B (connection : diameter 200mm)

Flexible duct : K-FDK154B (connection : diameter 200mm, length : 6m)

Air volume : 5.0~7.0m^3 / min



3TW22879-7

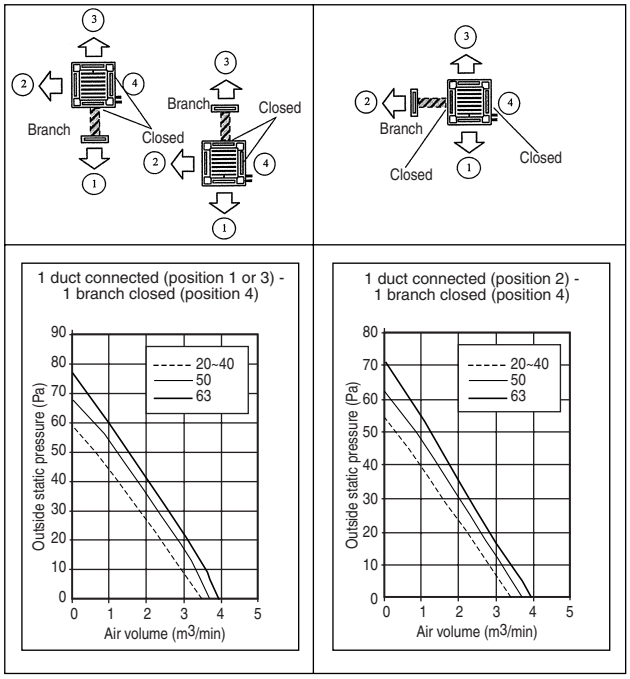
S-20, 25, 32, 40, 50, 63UM3HPQ

1 Branch duct - 2-way blow

Discharge grill : K-DGSC4B (connection : diameter 150mm)

Flexible duct : K-FDK154B (connection : diameter 150mm, length: 4m)

Air volume : 2.0~3.0m^3 / min



3TW22839-8

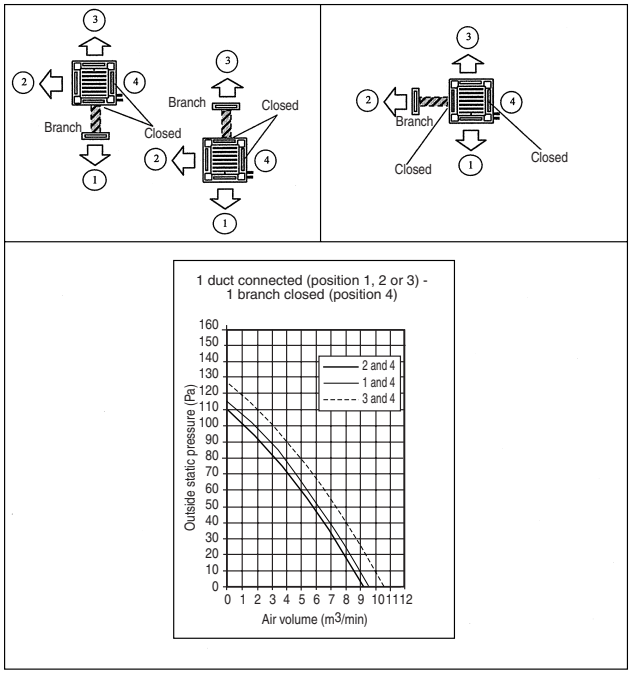
S-80, 100, 125UM3HPQ

1 Branch duct - 2-way blow

Discharge grill : K-DGSC4B (connection : diameter 200mm)

Flexible duct : K-FDK154B (connection : diameter 200mm, length: 6m)

Air volume : 7.0~10.0m^3 / min



3TW22879-8

6

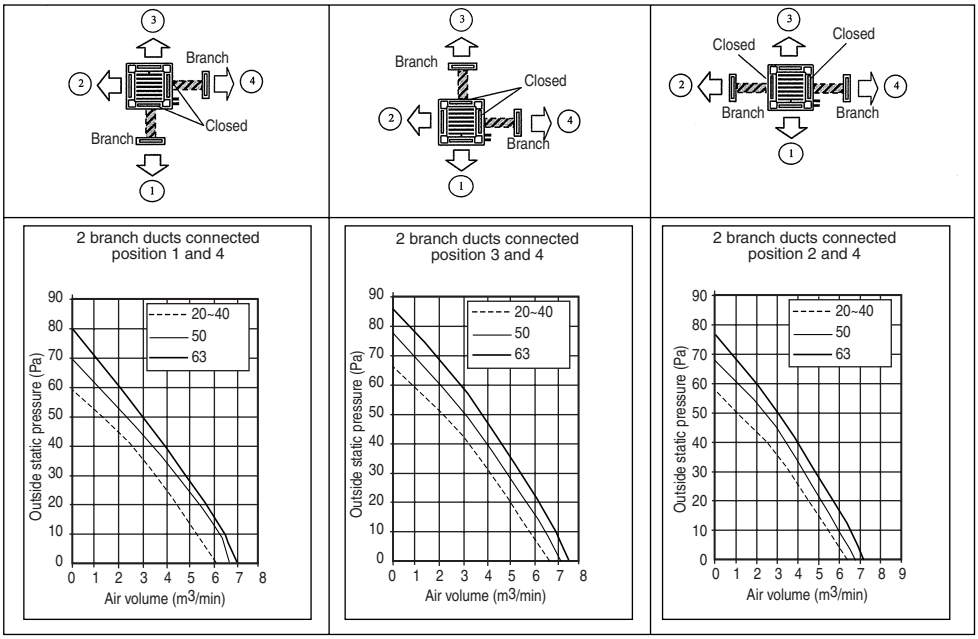
S-20, 25, 32, 40, 50, 63UM3HPQ

2 Branch ducts - 2-way blow

Discharge grill : K-DGSC4B (connection : diameter 150mm)

Flexible duct : K-FDK154B (connection : diameter 150mm, length: 4m)

Air volume : 4.0~5.0m^3 / min



3TW22839-9

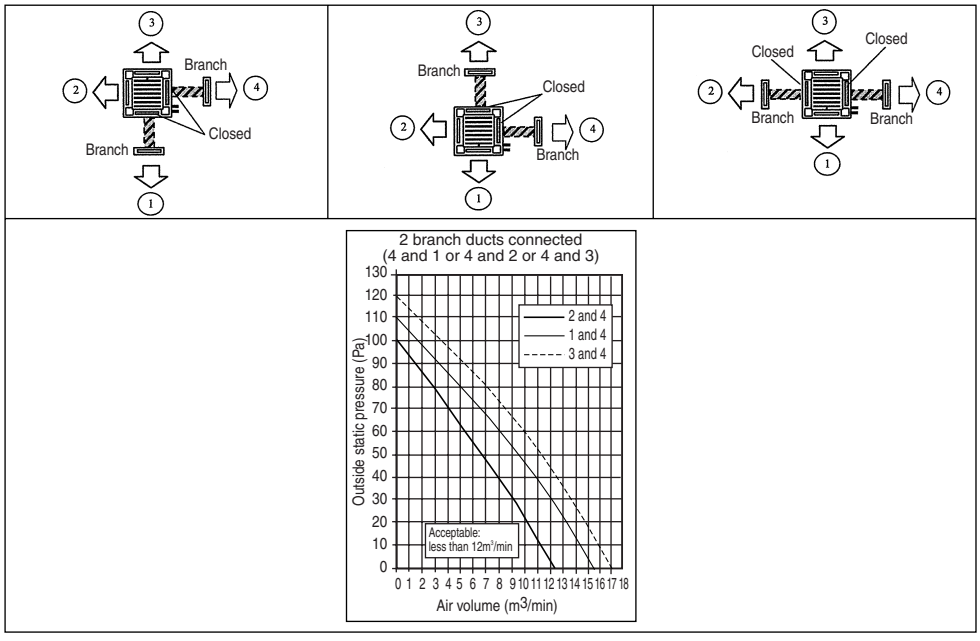
S-80, 100, 125UM3HPQ

2 Branch ducts - 2-way blow

Discharge grill : K-DGSC4B (connection : diameter 200mm)

Flexible duct : K-FDK154B (connection : diameter 200mm, length : 6m)

Air volume : 9.0~11.0m^3 / min



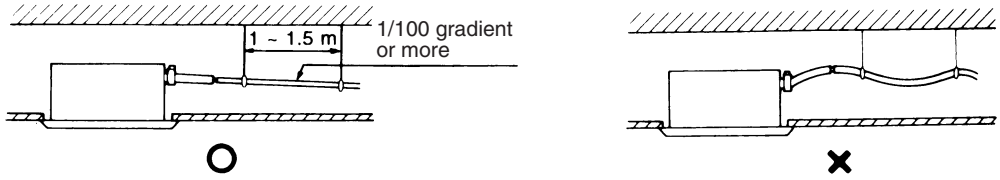
3TW22879-9

11. Drain Piping

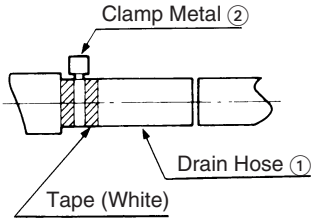
11.1 Rig Drain Piping

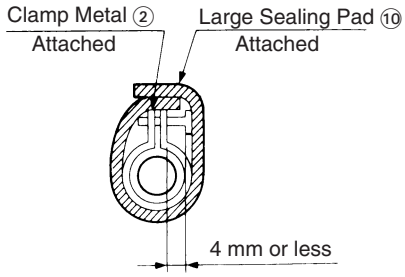
- The diameter of the drain pipe should be greater than or equal to the diameter of the connecting pipe (vinyl tube; pipe size: 25 mm; outer dimension: 32 mm).
- Keep the drain pipe short and sloping downwards at a gradient of at least 1/100 to prevent the formation of air pockets.
- If the drain hose cannot be sufficiently set on a slope, execute the drain raising piping.

To keep the drain hose from sagging, space hanging wires every 1 to 1.5 m



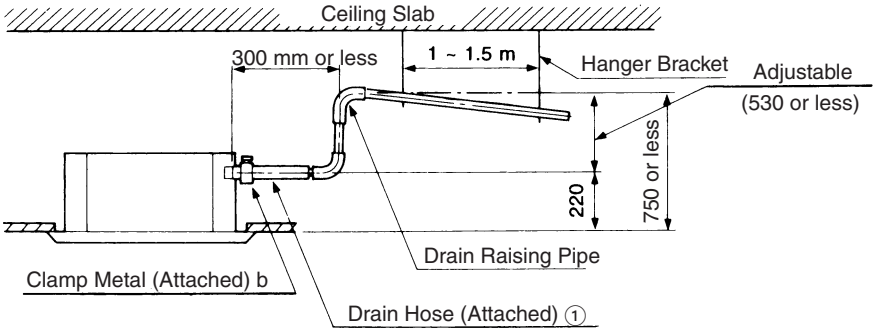
- Use the attached drain hose ① and clamp metal ②. Insert the drain hose into the drain socket, up to the white tape. Tighten the clamp until the screw head is less than 4 mm from the hose.
- Wrap the attached sealing pad ⑩ over the clamp and drain hose to insulate.
- Insulate the drain hose inside the building.





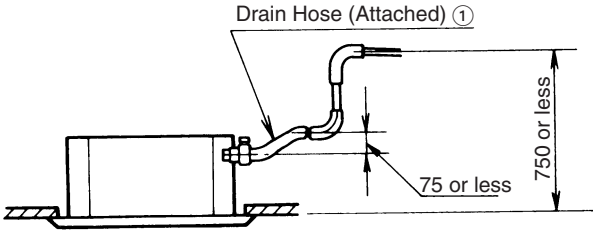
Precautions for drain raising piping

- Install the drain raising pipes at a height of less than 530 mm.
- Install the drain raising pipes at a right angle to the indoor unit and no more than 300 mm from the unit.

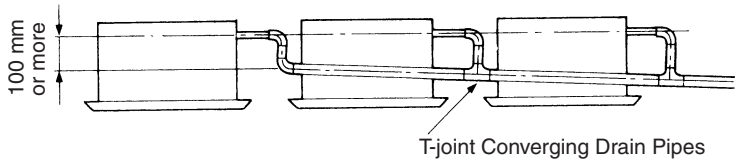


Notes:

The incline of attached drain hose ① should be 75 mm or less so that the drain socket does not have to stand additional force.



■ If converging multiple drain pipes, install according to the procedure shown below.



Select converging drain pipes whose gauge is suitable for the operating capacity of the unit.

11.2 After Piping Work is Finished, Check If Drainage Flows Smoothly

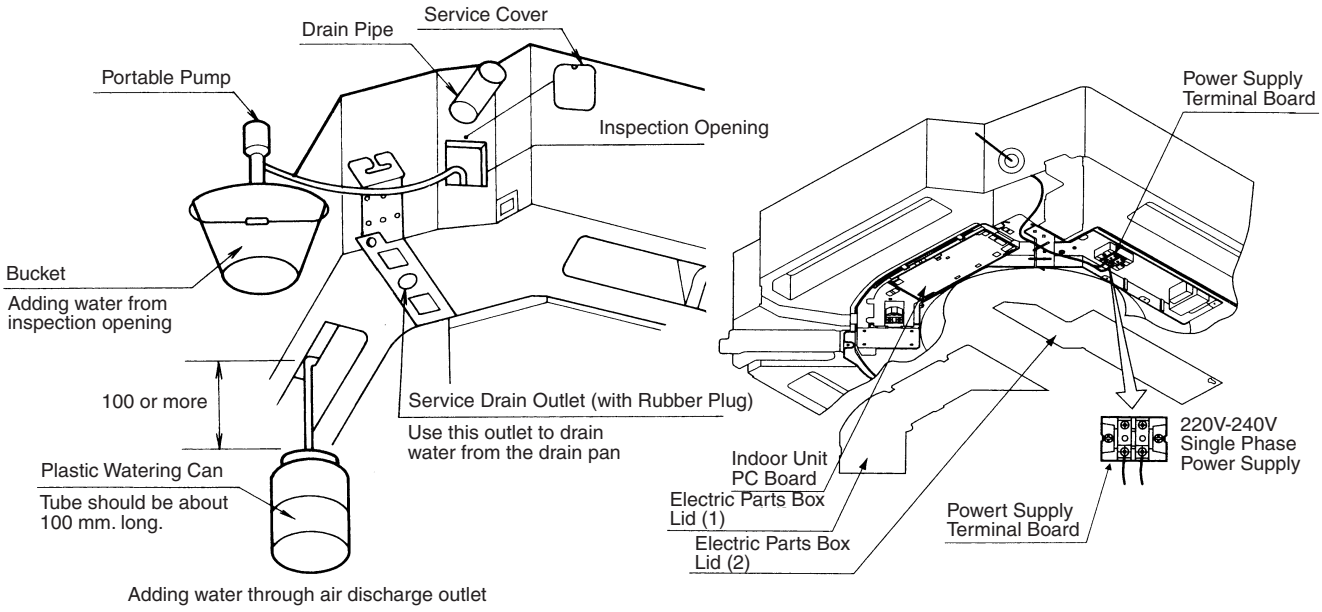
■ Open the water inlet lid, add approximately 600þcc of water gradually and check drainage flow.

11.3 When Electric Wiring Work is Finished

■ Check drainage flow during COOL running.

11.4 When Electric Wiring Work is Not Finished

■ Remove the electric parts box lid, connect power supply and remote control to the terminals.
Next, press the inspection/test operation button " TEST " on the remote control. The unit will engage the test operation mode. Press the operation mode selector button " " until selecting FAN operation " ". Then, press the ON/OFF button " ". The indoor unit fan and drain pump will start up.
Check that the water has drained from the unit. Press " TEST " to go back to the first mode.



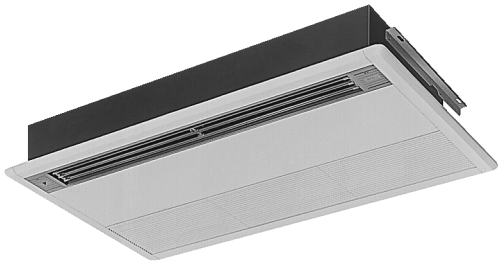
Method of Adding Water

S-DM3HPS
Corner Type

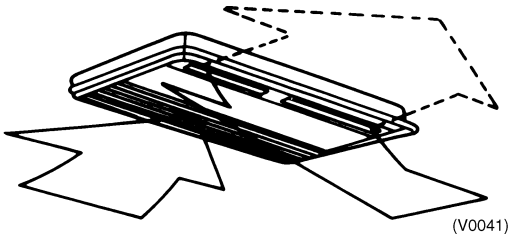
1. Features 436
2. Specifications 437
2.1 Technical Specifications 437
2.2 Electrical Specifications 438
2.3 Safety Device Settings 438
3. Accessories 439
3.1 Panel Spacer 439
3.2 Long Life Replacement Filter 442
3.3 Discharge Grille 443
3.4 Flexible Duct (with Shutter) 444
3.5 Air Discharge Blind Panel 445
4. Control Systems 446
4.1 Individual Control Systems 446
4.2 Centralized Control Systems 446
4.3 Others 446
5. Capacity Tables 447
5.1 Cooling Capacity 447
5.2 Heating Capacity 448
6. Dimensions 450
6.1 Dimensional Drawings 450
6.2 Centre of Gravity 451
6.3 Service Space 451
6.4 Bolt Pitch 452
7. Piping Diagram 453
8. Wiring Diagrams 454
9. Sound Level 455
9.1 Sound Level Data 455
9.2 Sound Pressure Spectrum 455
10. Air Flow Pattern 456
11. Drain Piping 457
11.1 Install the Drain Pipes. 457
11.2 When Piping Work is Finished 458
11.3 When Electric Wiring Work is Finished 458
11.4 When Electric Wiring Work is Not Finished 458

1. Features

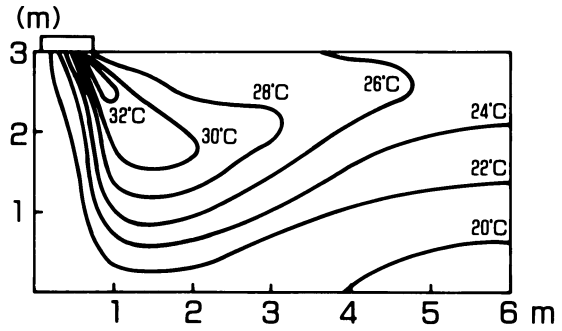
215 mm-thick body features discreet, slim design and offers a wide variety of discharge methods and mounting such as in corners or in suspended ceilings, etc.



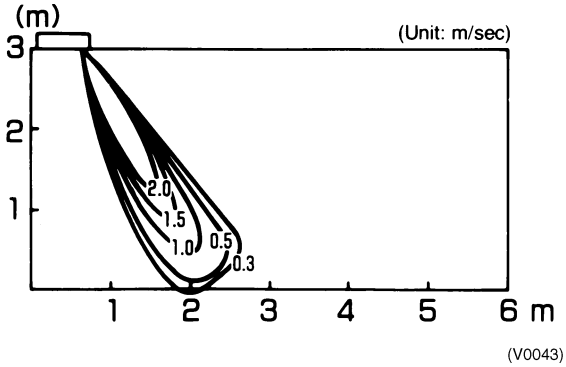
- Single-flow type offers effective air discharge from corners of from a suspended ceiling.



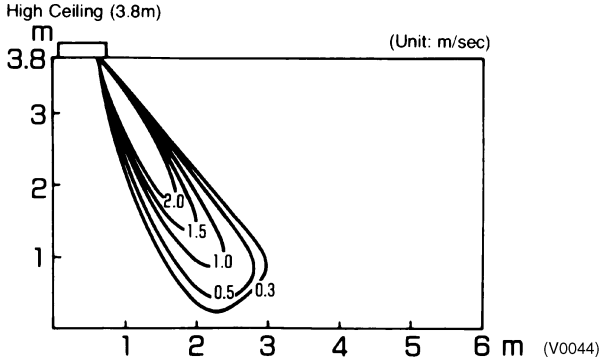
- Thin, discreet design enables mounting when the ceiling pocket is as shallow as 22 cm
- Temperature Distribution (S-63DM3HPS: downward discharge angle 65° in heating.).



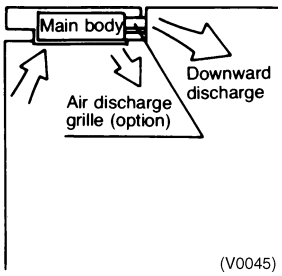
- Air velocity Distribution (S-63DM3HPS: downward discharge angle 65° in heating.)



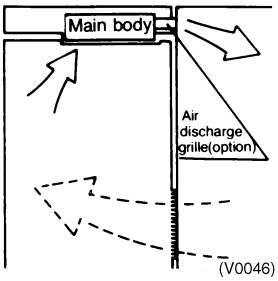
- Air volume switch built into the main body allows mounting in ceilings as high as 3.8 m. This unit is even able to handle spaces with a split level ceiling by accurately adjusting air volume in accordance with the ceiling height.



- The 63 class (equivalent to 2.5HP) features extremely quiet operation, only 42 dBA of sound level.
- In addition to downward discharge, front discharge (straight discharge, neither angled upward nor downward) can be provided by mounting an air discharge unit (optional) to the front of the body; can be mounted even with difficult elements such as suspended ceilings and sagging walls. A combination of front and downward discharge is also possible. (Auto-swing cannot be used with front discharge.)



* Set for front discharge using a suspended ceiling



Downward discharge is shut off and air is blown straight out (front discharge)

- Equipped with a programmed drying mechanism that dehumidifies while inhibiting changes in room temperature.
- Includes as standard equipment a long-life filter that is maintenance-free for approximately one year. (Treated to mold resistant.)
- Equipped with drain pump kit that makes possible draining in the upward direction up to 500 mm from the ceiling surface.
- Decoration panel is thin and unimposing, doesn't clash with interior design and provides an excellent finishing touch for the ceiling. (Available in white.)
- If the ceiling pocket is shallow and the main body will not fit, a thick panel that provides aesthetically appealing cover for the exposed portion (up to 20 mm) is available as an option.

2. Specifications

2.1 Technical Specifications

S-DM3HPS				25	32	40	63
Cooling Capacity (1)			kW	2.8	3.6	4.5	7.1
Heating Capacity (2)			kW	3.2	4.0	5.0	8.0
Nominal Input	Cooling		W	66		76	105
	Heating		W	46		56	85
Dimensions	Unit	HxWxD	mm	215x1,110x710			215x1,310x710
	Decoration Panel	HxWxD	mm	70x1,240x800			70x1,440x800
Weight	Unit		kg	31			34
	Decoration Panel		kg	8.5			9.5
Casing				Galvanized Steel Plate			
Color	Decoration Panel			White			
Sound level	Sound Pressure 220V	High	dB(A)	38		40	42
		Low	dB(A)	33		34	37
	Sound Power		dB(A)	*		*	*
Fan	Air Flow Rate	High	m^3/h	660		780	1,080
		Low	m^3/h	540		600	900
	Type			Sirocco Fan			
	Model			3D12H1AN1V1		3D12H1AP1V1	4D12H1AJ1V1
	Motor Output		W	15		20	45
	Drive			Direct Drive			
Heat exchanger	Rows x Stages x Fin Pitch		mm	2x11x1.75			3x11x1.75
	Face Area		m^2	0.180			0.226
Air Filter				Resin Net With Mold Resistant			
Refrigerant Control				Electronic Expansion Valve			
Temperature Control				Microprocessor Thermostat for Cooling and Heating			
Piping Connections	Liquid	Flare	mm	ø 6.4			ø 9.5
	Gas	Flare	mm	ø 12.7			ø 15.9
	Drain		mm	VP25, External Diameter 32, Internal Diameter 25			
Sound Absorbing Thermal Insulation				Foamed Polyethylene			

3D038813

★ data were not available at the time of publication

Notes:

1. Nominal cooling capacities are based on:
   - Indoor temperature: 27°CDB, 19°CWB
   - Outdoor temperature: 35°CDB
   - Equivalent refrigerant piping: 7.5m (horizontal)
2. Nominal heating capacities are based on:
   - Indoor temperature: 20°CDB
   - Outdoor temperature: 7°CDB, 6°CWB
   - Equivalent refrigerant piping: 7.5m (horizontal)
3. Capacities are net including a deduction for cooling (an addition for heating) for indoor fan motor heat.

7

2.2 Electrical Specifications

S-DM3HPS			25	32	40	63
Current	Minimum Circuit Amps (MCA)	A	0.3			0.5
	Maximum Fuse Amps (MFA) (5)	A	15			
Power Supply		VE	1 ~, 50Hz, 230V			
Voltage Range	Min~Max	V	198~264			
Indoor Fan Motor	Fan Motor Rated Output	W	15		20	45
	Full Load Amps (FLA)	A	0.2		0.2	0.4

4D037076

Notes:

1. Voltage range: units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
2. Maximum allowable voltage range variation between phases is 2%.
3. MCA/MFA:
   MCA = 1.25 x FLA
   MFA ≤ 4 x FLA
   next lower standard fuse rating minimum 15A.
4. Select wire size based on MCA.
5. Instead of a fuse, use a circuit breaker

2.3 Safety Device Settings

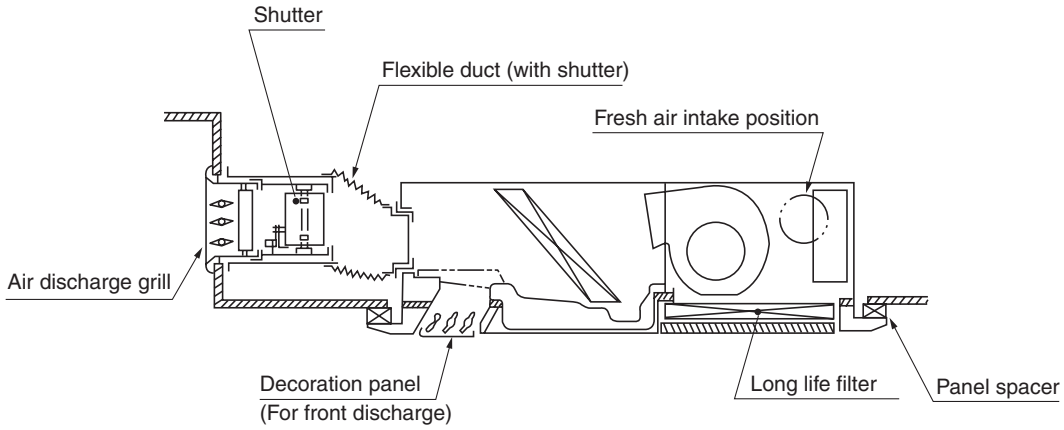
S-DM3HPS		25	32	40	63
PC Board Fuse		250V 5A			
Fan Motor Thermal Fuse	°C	$146^{\pm 3}$		-	
Fan Motor Thermal Protector	°C	-		OFF: $120^{\pm 5}$ / ON: 105 or less	
Drain Pump Thermal Fuse	°C	145			

3D006691J

3. Accessories

S-DM3HPS	25	32	40	63
Decoration Panel	CZ-02KPD11P			CZ-03KPD11P
Panel Spacer	KPBJ52F56W			KPBJ52F80W
Long Life Replacement Filter	KAFJ521F56			KAFJ521F80
Air Discharge Grill	K-HV7AW			K-HV9AW
Air Discharge Blind Panel	CZ-02KFD11P			CZ-03KFD11P
Flexible Duct (with Shutter)	KFDJ52F56			KFDJ52F80

3D037081



3.1 Panel Spacer

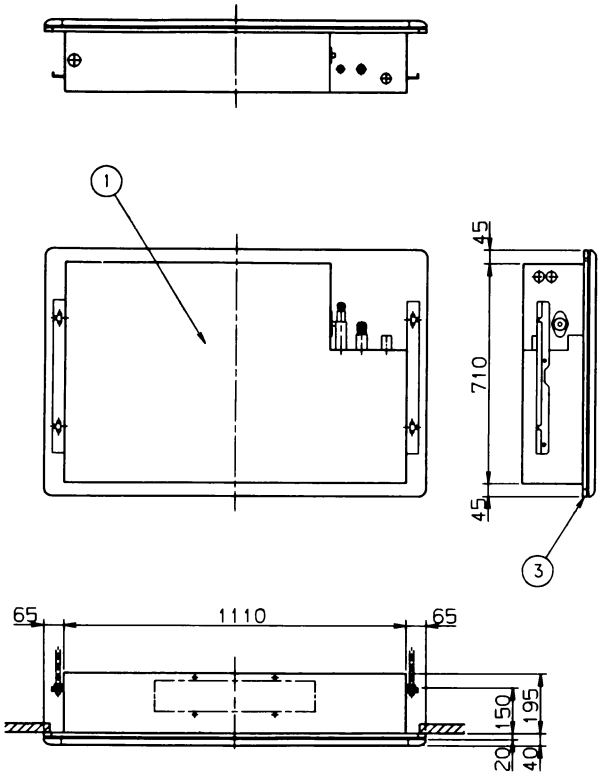
- If the space above the ceiling is not available for more than 220mm, use the panel spacer, which enables to install the unit in 200mm space.

3.1.1 Specifications

			KPBJ52F56W	KPBJ52F80W
Color			White	
Dimensions	H	mm	20	
	W	mm	1,240	1,440
	D	mm	800	
Materials			Outer Frame: Resin Molding Thermal Insulation: Foam Polyethylene	
Contents			Panel Spacer (1) (2) (3) Thermal Insulation (1) (2), Screws	
Applied Decoration Panel			CZ-02KPD11P	CZ-03KPD11P
Applicable Model			for Indoor Unit 25~40 Class	for Indoor Unit 63 Class

3.1.2 Dimensions

S-25,32,40DM3HPS



Nr.	Name	Description
1	Indoor Unit	
2	Decoration Panel	
3	Panel Spacer	

Optional Panel Spacer

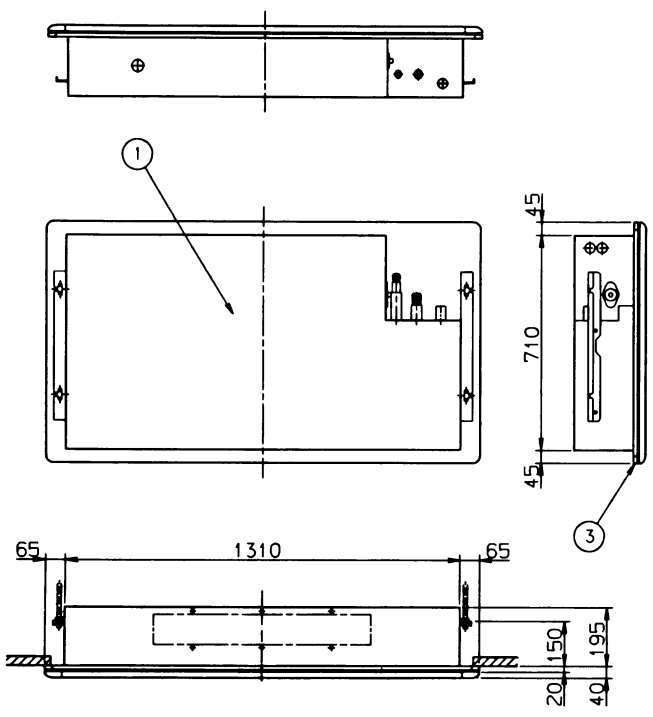
KPBJ52F56W	White 10Y 9/0.5

Note:

1. When other optional kit is installed, refer to the installation drawing of its optional kit.

DU825-219

S-63DM3HPS



Nr.	Name	Description
1	Indoor Unit	
2	Decoration Panel	
3	Panel Spacer	

Optional panel spacer

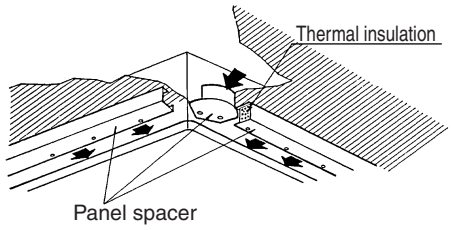
KPBJ52F80W	White 10Y 9/0.5

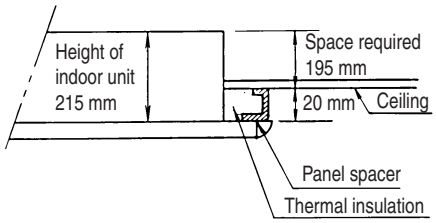
Note:

1. When other optional kit is installed, refer to the installation drawing of its optional kit.

DU827-242

3.1.3 Installation





3.1.4 Precaution at Use

- Be sure to stick insulators on the panel spacer after the panel spacer is assembled
- Secure 20 cm height in the space above ceiling.

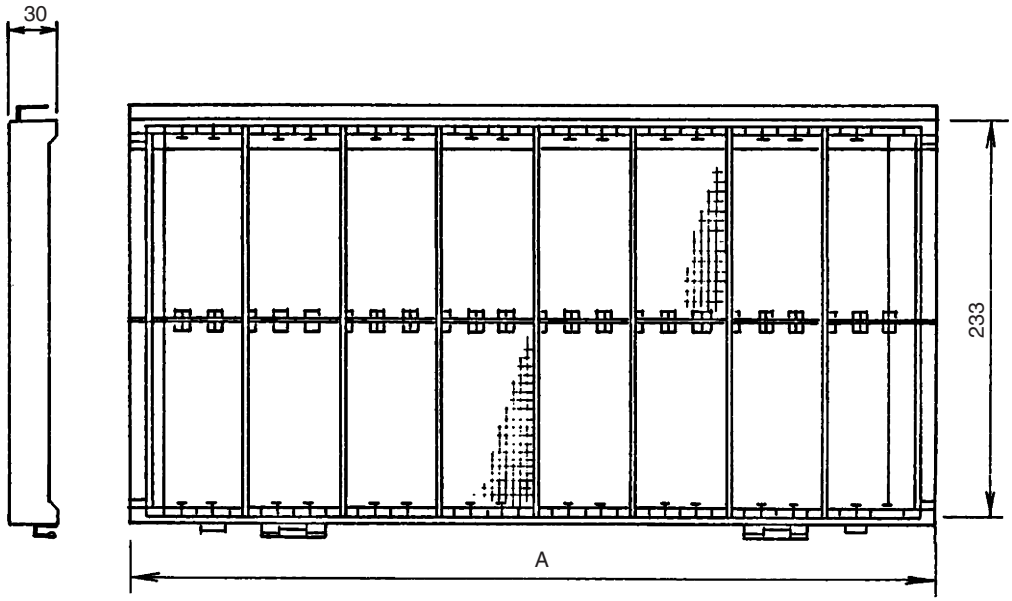
7

3.2 Long Life Replacement Filter

3.2.1 Specifications

		KAFJ521F56	KAFJ521F80
Life Time, Average Efficiency		2,500 Hours (Dust Density 0.15 mg/m^3), 45% (Gravity Method)	
Filter		Mildew Proof Resin Net	
Required Quantity	For 1 Unit	2 Pieces	
Applicable Models		25~40 Class	63 Class

3.2.2 Dimensions



Model	A
KAFJ521F56	403
KAFJ521F80	503

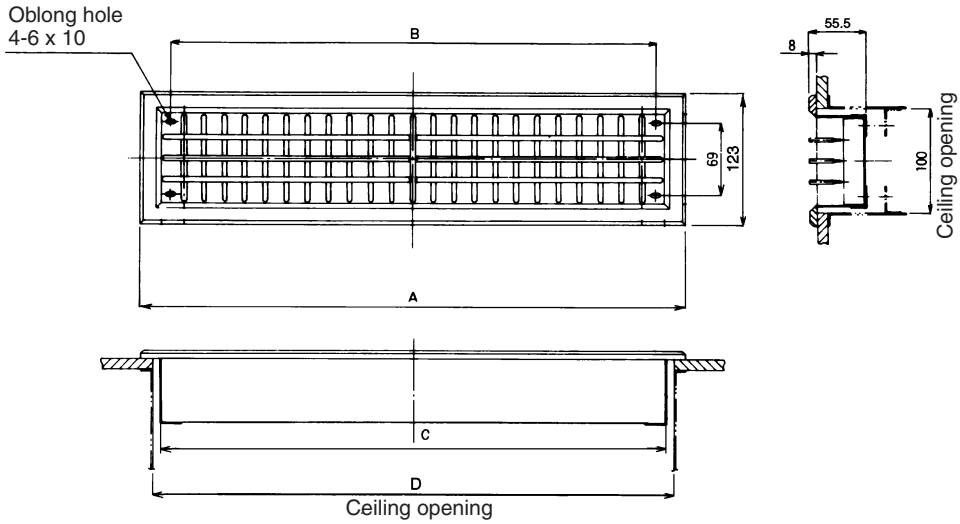
3.3 Discharge Grille

- This optional kit is used when the unit is installed with front air discharge. The direction of air can be adjusted flexibly.
- This discharge grille should be installed with the following flexible duct.

3.3.1 Specifications

		K-HV7AW	K-HV9AW
Air Flow Rate	m^3/min	9~13	12~19
Type		HV Type (Horizontal Blade and Vertical Blade Movable)	
External Color		White	
Materials		Steel Plate (a Cryptomeria Only at the Tip of the Outlet + Nylon Flocking)	
Structural Parts		Discharge Grille, Screws, Blade Control Tool	
Applicable Flexible Duct		KFDJ52F56	KFDJ52F80
Applicable Models		25~40 Class	63 Class

3.3.2 Dimensions



Model	Applicable Model	A	B	C	D
K-HV7AW	For 25~40 Class	523	466	488	500
K-HV9AW	For 63 Class	723	666	688	700

3.4 Flexible Duct (with Shutter)

■ The built-in shutter's Open/Shut action makes it possible to regulate the air flow rate. Besides, the flexible duct helps the connection to the main unit to give more flexibility.

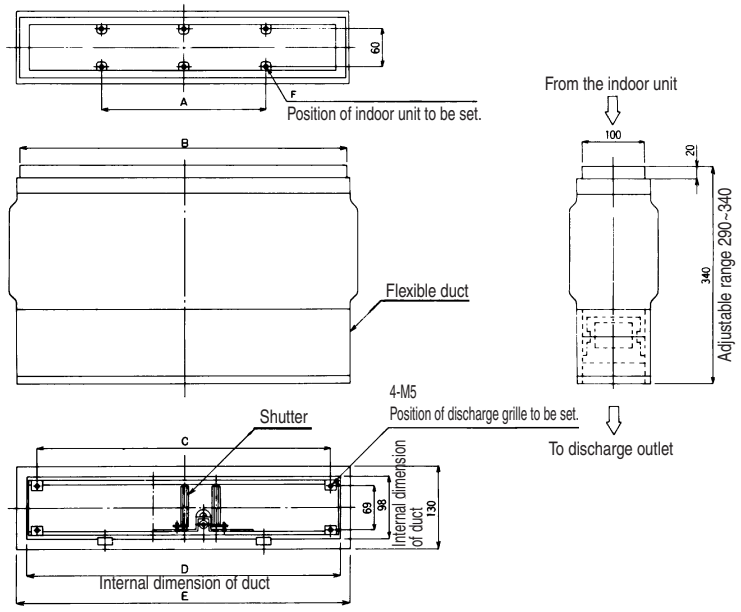
3.4.1 Specifications

			KFDJ52F56	KFDJ52F80
External Dimensions	H	mm	132	
	W	mm	532	732
	D	mm	max. 353	
Materials			Outer Frame: Resin Molding Flexible Duct: Glass Wool, Vinyl Chloride Sheet	
Contents			Flexible Duct, Shutter, Duct's Set Pate, Insulator, Outlet Seal Pad, Set Screw, Shutter Open/Shut Tool, Blade Adjusting Tool	
Applicable Model			25~40 Class	63 Class

3.4.2 Precaution at Use

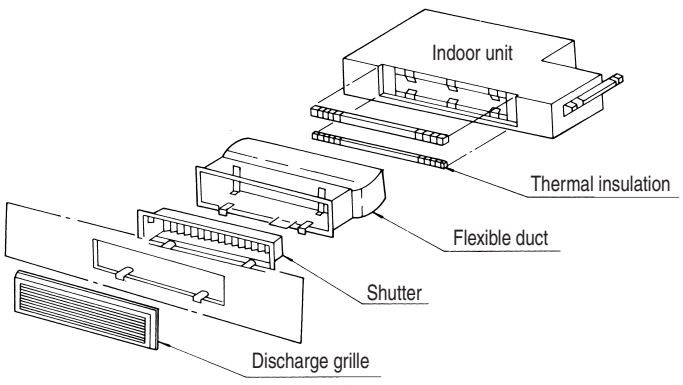
■ Be sure to seal out the opening of the drain pan with drain outlet seal materials after the front panel of the indoor unit is removed.

3.4.3 Dimensions



Model	Applicable Model	A	B	C	D	E	F
KFDJ52F56	For Indoor Unit 25~40 Class	260	520	466	498	530	4-ø Hole
KFDJ52F80	For Indoor Unit 63 Class	460	720	666	698	730	6-ø7 Hole

3.4.4 Installation



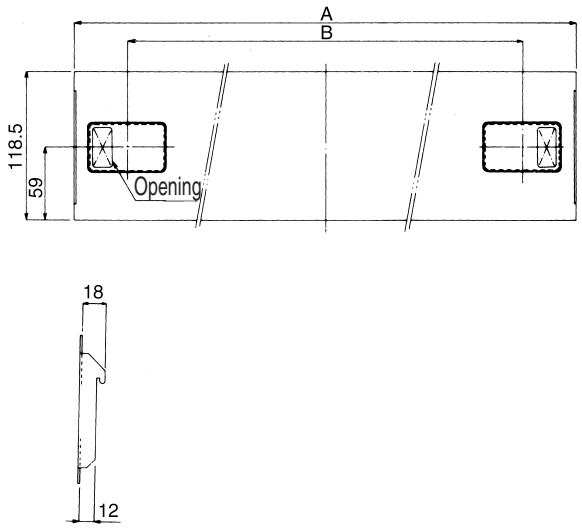
3.5 Air Discharge Blind Panel

■ This is the parts which closes the lower discharge outlet when the unit is used as a front discharge style.

3.5.1 Specifications

			KDBJ52F56W	KDBJ52F80W
External Color			White	
External Dimensions	H	mm	18	
	W	mm	1,126	1,326
	D	mm	119	
Materials			Steel Plate	
Contents			Outlet Decoration Panel Assembly, Decoration Panel Suspension Plate, Name Plate, Caution Plate Set Board	
Applied Decoration Panel			CZ-02KPD11P	CZ-03KPD11P
Applicable Model			25~40 Class	63 Class

3.5.2 External Dimensions



Model	A	B
KDBJ52F56	1,125.5	1,040
KDBJ52F80	1,325.5	1,240

4. Control Systems

4.1 Individual Control Systems

Wired Remote Control		CZ-02RT11P
Infrared Remote Control	Heat Pump	CZ-02RWD12P

4.2 Centralized Control Systems

Centralized Remote Control	CZ-01ESM11P
Unified ON/OFF Control	CZ-01ANA11P
Schedule Timer	CZ-01ESW11P

4.3 Others

Wiring Adapter	KRP1B61
BMS Interface Adapter for Unified Group	KRP2A61
BMS Interface Adapter for Individual and Unified Control	KRP4A51
Remote Sensor	CZ-10RSA
Electrical Box with Earth Terminal (3 Blocks)	KJB311A
Electrical Box with Earth Terminal (2 Blocks)	KJB212A
Noise Filter (for Electromagnetic Interface Use only)	KEK26-1
BMS Interface Adapter for Outdoor Units (Installation on Indoor Unit)	DTA104A61

3D034600A

5. Capacity Tables

5.1 Cooling Capacity

TC: Total capacity;kW – SHC: Sensible capacity;kW

Unit size	Nominal capacity	Outdoor air temp.	Indoor air temperature													
			14.0WB		16.0WB		18.0WB		19.0WB		20.0WB		22.0WB		24.0WB	
			20.0DB		23.0DB		26.0DB		27.0DB		28.0DB		30.0DB		32.0DB	
		°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
25	2.8	10.0	1.9	1.9	2.3	2.2	2.6	2.3	2.8	2.4	3.0	2.5	3.4	2.5	3.7	2.5
		12.0	1.9	1.9	2.3	2.2	2.6	2.3	2.8	2.4	3.0	2.5	3.4	2.5	3.6	2.5
		14.0	1.9	1.9	2.3	2.2	2.6	2.3	2.8	2.4	3.0	2.5	3.4	2.5	3.6	2.5
		16.0	1.9	1.9	2.3	2.2	2.6	2.3	2.8	2.4	3.0	2.5	3.4	2.5	3.5	2.4
		18.0	1.9	1.9	2.3	2.2	2.6	2.3	2.8	2.4	3.0	2.5	3.4	2.5	3.5	2.4
		20.0	1.9	1.9	2.3	2.2	2.6	2.3	2.8	2.4	3.0	2.5	3.4	2.5	3.4	2.4
		21.0	1.9	1.9	2.3	2.2	2.6	2.3	2.8	2.4	3.0	2.5	3.4	2.5	3.4	2.4
		23.0	1.9	1.9	2.3	2.2	2.6	2.3	2.8	2.4	3.0	2.5	3.3	2.5	3.4	2.3
		25.0	1.9	1.9	2.3	2.2	2.6	2.3	2.8	2.4	3.0	2.5	3.3	2.5	3.3	2.3
		27.0	1.9	1.9	2.3	2.2	2.6	2.3	2.8	2.4	3.0	2.5	3.2	2.4	3.3	2.3
		29.0	1.9	1.9	2.3	2.2	2.6	2.3	2.8	2.4	3.0	2.5	3.2	2.4	3.2	2.3
		31.0	1.9	1.9	2.3	2.2	2.6	2.3	2.8	2.4	3.0	2.5	3.1	2.4	3.2	2.3
		33.0	1.9	1.9	2.3	2.2	2.6	2.3	2.8	2.4	3.0	2.5	3.1	2.4	3.1	2.3
		35.0	1.9	1.9	2.3	2.2	2.6	2.3	2.8	2.4	3.0	2.5	3.0	2.4	3.1	2.3
		37.0	1.9	1.9	2.3	2.2	2.6	2.3	2.8	2.4	2.9	2.5	3.0	2.4	3.0	2.3
		39.0	1.9	1.9	2.3	2.2	2.6	2.3	2.8	2.4	2.9	2.5	2.9	2.3	3.0	2.2
32	3.6	10.0	2.4	2.2	2.9	2.5	3.4	2.6	3.6	2.7	3.8	2.9	4.3	2.9	4.7	2.9
		12.0	2.4	2.2	2.9	2.5	3.4	2.6	3.6	2.7	3.8	2.9	4.3	2.9	4.7	2.9
		14.0	2.4	2.2	2.9	2.5	3.4	2.6	3.6	2.7	3.8	2.9	4.3	2.9	4.6	2.9
		16.0	2.4	2.2	2.9	2.5	3.4	2.6	3.6	2.7	3.8	2.9	4.3	2.9	4.6	2.8
		18.0	2.4	2.2	2.9	2.5	3.4	2.6	3.6	2.7	3.8	2.9	4.3	2.9	4.5	2.8
		20.0	2.4	2.2	2.9	2.5	3.4	2.6	3.6	2.7	3.8	2.9	4.3	2.9	4.4	2.8
		21.0	2.4	2.2	2.9	2.5	3.4	2.6	3.6	2.7	3.8	2.9	4.3	2.9	4.4	2.7
		23.0	2.4	2.2	2.9	2.5	3.4	2.6	3.6	2.7	3.8	2.9	4.2	2.9	4.3	2.7
		25.0	2.4	2.2	2.9	2.5	3.4	2.6	3.6	2.7	3.8	2.9	4.2	2.8	4.3	2.7
		27.0	2.4	2.2	2.9	2.5	3.4	2.6	3.6	2.7	3.8	2.9	4.1	2.8	4.2	2.7
		29.0	2.4	2.2	2.9	2.5	3.4	2.6	3.6	2.7	3.8	2.9	4.1	2.8	4.2	2.6
		31.0	2.4	2.2	2.9	2.5	3.4	2.6	3.6	2.7	3.8	2.9	4.0	2.7	4.1	2.6
		33.0	2.4	2.2	2.9	2.5	3.4	2.6	3.6	2.7	3.8	2.9	3.9	2.7	4.0	2.6
		35.0	2.4	2.2	2.9	2.5	3.4	2.6	3.6	2.7	3.8	2.9	3.9	2.7	4.0	2.6
		37.0	2.4	2.2	2.9	2.5	3.4	2.6	3.6	2.7	3.7	2.8	3.8	2.7	3.9	2.6
		39.0	2.4	2.2	2.9	2.5	3.4	2.6	3.6	2.7	3.7	2.8	3.8	2.7	3.8	2.6
40	4.5	10.0	3.0	2.6	3.6	2.8	4.2	3.2	4.5	3.2	4.8	3.3	5.4	3.5	5.9	3.5
		12.0	3.0	2.6	3.6	2.8	4.2	3.2	4.5	3.2	4.8	3.3	5.4	3.5	5.8	3.5
		14.0	3.0	2.6	3.6	2.8	4.2	3.2	4.5	3.2	4.8	3.3	5.4	3.5	5.8	3.4
		16.0	3.0	2.6	3.6	2.8	4.2	3.2	4.5	3.2	4.8	3.3	5.4	3.5	5.7	3.4
		18.0	3.0	2.6	3.6	2.8	4.2	3.2	4.5	3.2	4.8	3.3	5.4	3.5	5.6	3.3
		20.0	3.0	2.6	3.6	2.8	4.2	3.2	4.5	3.2	4.8	3.3	5.4	3.5	5.5	3.3
		21.0	3.0	2.6	3.6	2.8	4.2	3.2	4.5	3.2	4.8	3.3	5.4	3.5	5.5	3.3
		23.0	3.0	2.6	3.6	2.8	4.2	3.2	4.5	3.2	4.8	3.3	5.3	3.4	5.4	3.2
		25.0	3.0	2.6	3.6	2.8	4.2	3.2	4.5	3.2	4.8	3.3	5.2	3.4	5.3	3.2
		27.0	3.0	2.6	3.6	2.8	4.2	3.2	4.5	3.2	4.8	3.3	5.2	3.3	5.3	3.2
		29.0	3.0	2.6	3.6	2.8	4.2	3.2	4.5	3.2	4.8	3.3	5.1	3.3	5.2	3.1
		31.0	3.0	2.6	3.6	2.8	4.2	3.2	4.5	3.2	4.8	3.3	5.0	3.2	5.1	3.1
		33.0	3.0	2.6	3.6	2.8	4.2	3.2	4.5	3.2	4.8	3.3	4.9	3.2	5.0	3.1
		35.0	3.0	2.6	3.6	2.8	4.2	3.2	4.5	3.2	4.7	3.3	4.9	3.2	5.0	3.0
		37.0	3.0	2.6	3.6	2.8	4.2	3.2	4.5	3.2	4.7	3.3	4.8	3.1	4.9	3.0
		39.0	3.0	2.6	3.6	2.8	4.2	3.2	4.5	3.2	4.6	3.2	4.7	3.1	4.8	3.0
63	7.1	10.0	4.8	4.0	5.7	4.5	6.6	5.0	7.1	5.1	7.6	5.2	8.5	5.4	9.3	5.6
		12.0	4.8	4.0	5.7	4.5	6.6	5.0	7.1	5.1	7.6	5.2	8.5	5.4	9.2	5.5
		14.0	4.8	4.0	5.7	4.5	6.6	5.0	7.1	5.1	7.6	5.2	8.5	5.4	9.1	5.4
		16.0	4.8	4.0	5.7	4.5	6.6	5.0	7.1	5.1	7.6	5.2	8.5	5.4	9.0	5.3
		18.0	4.8	4.0	5.7	4.5	6.6	5.0	7.1	5.1	7.6	5.2	8.5	5.4	8.8	5.3
		20.0	4.8	4.0	5.7	4.5	6.6	5.0	7.1	5.1	7.6	5.2	8.5	5.4	8.7	5.2
		21.0	4.8	4.0	5.7	4.5	6.6	5.0	7.1	5.1	7.6	5.2	8.5	5.4	8.7	5.2
		23.0	4.8	4.0	5.7	4.5	6.6	5.0	7.1	5.1	7.6	5.2	8.4	5.3	8.5	5.1
		25.0	4.8	4.0	5.7	4.5	6.6	5.0	7.1	5.1	7.6	5.2	8.3	5.3	8.4	5.0
		27.0	4.8	4.0	5.7	4.5	6.6	5.0	7.1	5.1	7.6	5.2	8.1	5.2	8.3	5.0
		29.0	4.8	4.0	5.7	4.5	6.6	5.0	7.1	5.1	7.6	5.2	8.0	5.1	8.2	4.9
		31.0	4.8	4.0	5.7	4.5	6.6	5.0	7.1	5.1	7.6	5.2	7.9	5.1	8.1	4.9
		33.0	4.8	4.0	5.7	4.5	6.6	5.0	7.1	5.1	7.6	5.2	7.8	5.0	7.9	4.8
		35.0	4.8	4.0	5.7	4.5	6.6	5.0	7.1	5.1	7.5	5.2	7.7	5.0	7.8	4.8
		37.0	4.8	4.0	5.7	4.5	6.6	5.0	7.1	5.1	7.4	5.1	7.5	4.9	7.7	4.8
		39.0	4.8	4.0	5.7	4.5	6.6	5.0	7.1	5.1	7.2	5.0	7.4	4.9	7.6	4.7

CA03A095

7

5.2 Heating Capacity

Unit Size	Nominal capacity	Outdoor air temperature		Indoor air temperature °CDB					
				16.0	18.0	20.0	21.0	22.0	24.0
		°CDB	°CWB	kW	kW	kW	kW	kW	kW
25	3.2	-19.8	-20.0	1.9	1.9	1.9	1.9	1.9	1.9
		-18.8	-19.0	1.9	1.9	1.9	1.9	1.9	1.9
		-16.7	-17.0	2.1	2.1	2.0	2.0	2.0	2.0
		-14.7	-15.0	2.2	2.2	2.2	2.2	2.2	2.1
		-12.6	-13.0	2.3	2.3	2.3	2.3	2.3	2.3
		-10.5	-11.0	2.4	2.4	2.4	2.4	2.4	2.4
		-9.5	-10.0	2.5	2.4	2.4	2.4	2.4	2.4
		-8.5	-9.1	2.5	2.5	2.5	2.5	2.5	2.5
		-7.0	-7.6	2.6	2.6	2.6	2.6	2.6	2.6
		-5.0	-5.6	2.7	2.7	2.7	2.7	2.7	2.7
		-3.0	-3.7	2.8	2.8	2.8	2.8	2.8	2.8
		0.0	-0.7	3.0	3.0	3.0	3.0	3.0	2.8
		3.0	2.2	3.1	3.1	3.1	3.1	3.0	2.8
		5.0	4.1	3.3	3.2	3.2	3.1	3.0	2.8
		7.0	6.0	3.4	3.4	3.2	3.1	3.0	2.8
		9.0	7.9	3.5	3.4	3.2	3.1	3.0	2.8
		11.0	9.8	3.6	3.4	3.2	3.1	3.0	2.8
		13.0	11.8	3.6	3.4	3.2	3.1	3.0	2.8
		15.0	13.7	3.6	3.4	3.2	3.1	3.0	2.8
32	4.0	-19.8	-20.0	2.4	2.4	2.3	2.3	2.3	2.3
		-18.8	-19.0	2.4	2.4	2.4	2.4	2.4	2.4
		-16.7	-17.0	2.6	2.6	2.6	2.6	2.6	2.5
		-14.7	-15.0	2.7	2.7	2.7	2.7	2.7	2.7
		-12.6	-13.0	2.9	2.8	2.8	2.8	2.8	2.8
		-10.5	-11.0	3.0	3.0	3.0	3.0	3.0	3.0
		-9.5	-10.0	3.1	3.1	3.1	3.1	3.0	3.0
		-8.5	-9.1	3.1	3.1	3.1	3.1	3.1	3.1
		-7.0	-7.6	3.2	3.2	3.2	3.2	3.2	3.2
		-5.0	-5.6	3.4	3.4	3.4	3.4	3.4	3.4
		-3.0	-3.7	3.5	3.5	3.5	3.5	3.5	3.5
		0.0	-0.7	3.7	3.7	3.7	3.7	3.7	3.5
		3.0	2.2	3.9	3.9	3.9	3.9	3.7	3.5
		5.0	4.1	4.1	4.1	4.0	3.9	3.7	3.5
		7.0	6.0	4.2	4.2	4.0	3.9	3.7	3.5
		9.0	7.9	4.3	4.3	4.0	3.9	3.7	3.5
		11.0	9.8	4.5	4.3	4.0	3.9	3.7	3.5
		13.0	11.8	4.5	4.3	4.0	3.9	3.7	3.5
		15.0	13.7	4.5	4.3	4.0	3.9	3.7	3.5
40	5.0	-19.8	-20.0	3.0	2.9	2.9	2.9	2.9	2.9
		-18.8	-19.0	3.0	3.0	3.0	3.0	3.0	3.0
		-16.7	-17.0	3.2	3.2	3.2	3.2	3.2	3.2
		-14.7	-15.0	3.4	3.4	3.4	3.4	3.4	3.4
		-12.6	-13.0	3.6	3.6	3.6	3.5	3.5	3.5
		-10.5	-11.0	3.7	3.7	3.7	3.7	3.7	3.7
		-9.5	-10.0	3.8	3.8	3.8	3.8	3.8	3.8
		-8.5	-9.1	3.9	3.9	3.9	3.9	3.9	3.9
		-7.0	-7.6	4.0	4.0	4.0	4.0	4.0	4.0
		-5.0	-5.6	4.2	4.2	4.2	4.2	4.2	4.2
		-3.0	-3.7	4.4	4.4	4.4	4.4	4.4	4.4
		0.0	-0.7	4.7	4.6	4.6	4.6	4.6	4.4
		3.0	2.2	4.9	4.9	4.9	4.8	4.7	4.4
		5.0	4.1	5.1	5.1	5.0	4.8	4.7	4.4
		7.0	6.0	5.2	5.2	5.0	4.8	4.7	4.4
		9.0	7.9	5.4	5.3	5.0	4.8	4.7	4.4
		11.0	9.8	5.6	5.3	5.0	4.8	4.7	4.4
		13.0	11.8	5.6	5.3	5.0	4.8	4.7	4.4
		15.0	13.7	5.6	5.3	5.0	4.8	4.7	4.4

Unit Size	Nominal capacity	Outdoor air temperature		Indoor air temperature °CDB					
				16.0	18.0	20.0	21.0	22.0	24.0
		°CDB	°CWB	kW	kW	kW	kW	kW	kW
63	8.0	-19.8	-20.0	4.7	4.7	4.7	4.7	4.7	4.7
		-18.8	-19.0	4.9	4.9	4.8	4.8	4.8	4.8
		-16.7	-17.0	5.1	5.1	5.1	5.1	5.1	5.1
		-14.7	-15.0	5.4	5.4	5.4	5.4	5.4	5.4
		-12.6	-13.0	5.7	5.7	5.7	5.7	5.7	5.7
		-10.5	-11.0	6.0	6.0	6.0	6.0	6.0	5.9
		-9.5	-10.0	6.1	6.1	6.1	6.1	6.1	6.1
		-8.5	-9.1	6.3	6.3	6.2	6.2	6.2	6.2
		-7.0	-7.6	6.5	6.5	6.4	6.4	6.4	6.4
		-5.0	-5.6	6.8	6.7	6.7	6.7	6.7	6.7
		-3.0	-3.7	7.0	7.0	7.0	7.0	7.0	7.0
		0.0	-0.7	7.5	7.4	7.4	7.4	7.4	7.0
		3.0	2.2	7.9	7.8	7.8	7.7	7.5	7.0
		5.0	4.1	8.1	8.1	8.0	7.7	7.5	7.0
		7.0	6.0	8.4	8.4	8.0	7.7	7.5	7.0
		9.0	7.9	8.7	8.5	8.0	7.7	7.5	7.0
		11.0	9.8	8.9	8.5	8.0	7.7	7.5	7.0
		13.0	11.8	9.0	8.5	8.0	7.7	7.5	7.0
		15.0	13.7	9.0	8.5	8.0	7.7	7.5	7.0

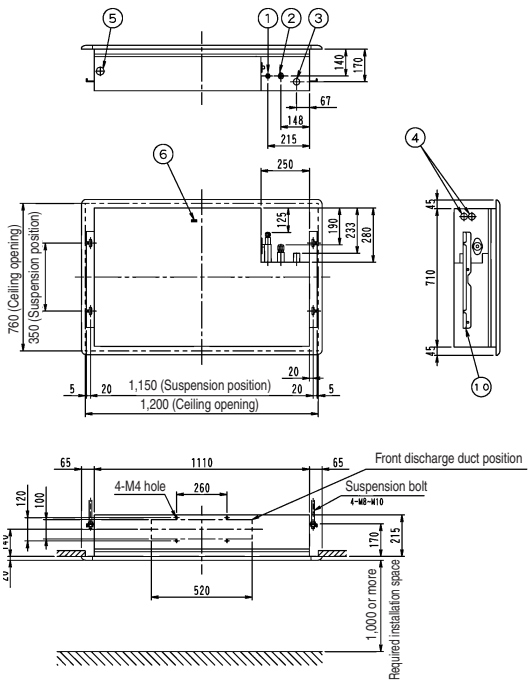
CA03A095

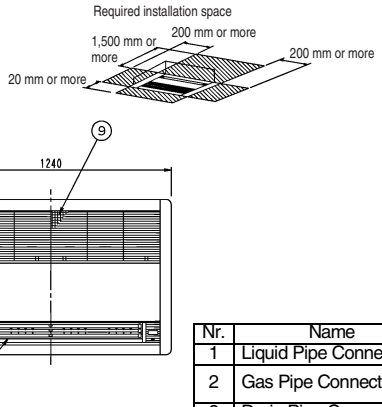
7

6. Dimensions

6.1 Dimensional Drawings

S-25,32,40DM3HPS





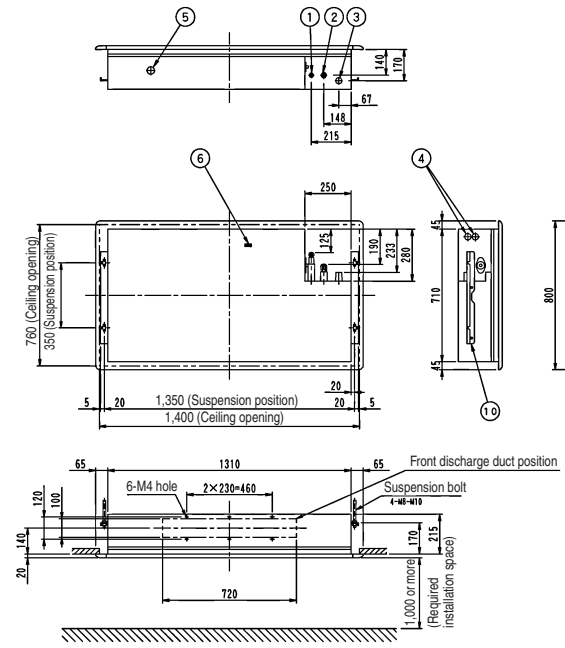
Nr.	Name	Description
1	Liquid Pipe Connection	ø 6.4 Flare Connection
2	Gas Pipe Connection	ø 12.7 Flare Connection
3	Drain Pipe Connection	VP25 (O.D. ø 32)
4	Wire Intake	
5	Interunit Wiring Connection	
6	Grounding Terminal	Inside Switch Box (M4)
7	Discharge	
8	Air Suction Grille	
9	Long Life Filter	
10	Suspension Bolt	

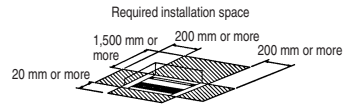
Note:

1. Location of unit's name plate:
   · For main body: Bottom part of fan housing inside of air suction grille.
   · For decoration panel: Service lid face inside of air suction grille.

3D038840

S-63DM3HPS





Nr.	Name	Description
1	Liquid Pipe Connection	ø 9.5 Flare Connection
2	Gas Pipe Connection	ø 15.9 Flare Connection
3	Drain Pipe Connection	VP25 (O.D. ø 32)
4	Wire Intake	
5	Interunit Wiring Connection	
6	Grounding Terminal	Inside Switch Box (M4)
7	Discharge	
8	Air Suction Grille	
9	Long Life Filter	
10	Suspension Bolt	

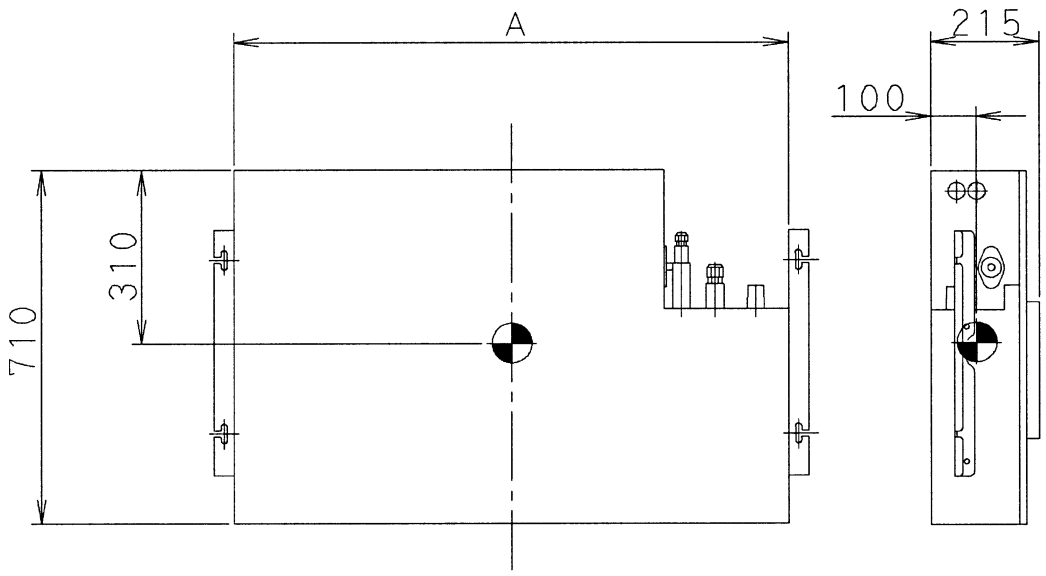
Note:

1. Location of unit's name plate:
   · For main body: Bottom part of fan housing inside of air suction grille.
   · For decoration panel: Service lid face inside of air suction grille.

3D038841

6.2 Centre of Gravity

S-DM3HPS

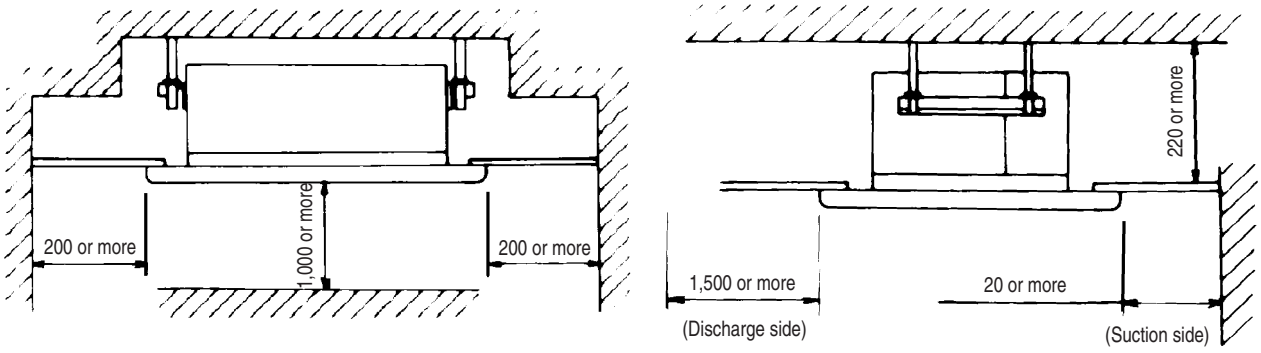


Model	A
S-25,32,40DM3HPS	1,110
S-63DM3HPS	1,310

4D037079

6.3 Service Space

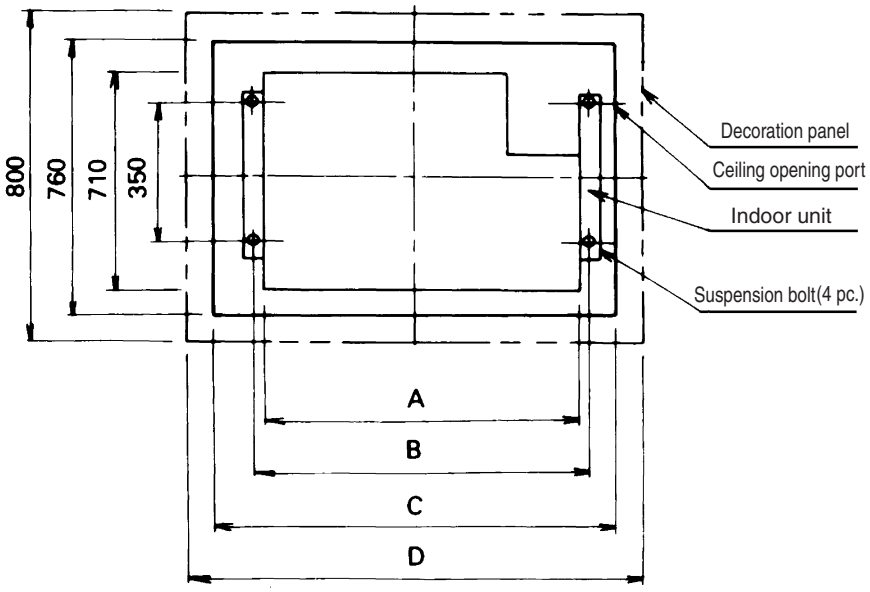
S-DM3HPS



Note:
1. Above figures mean minimum values

6.4 Bolt Pitch

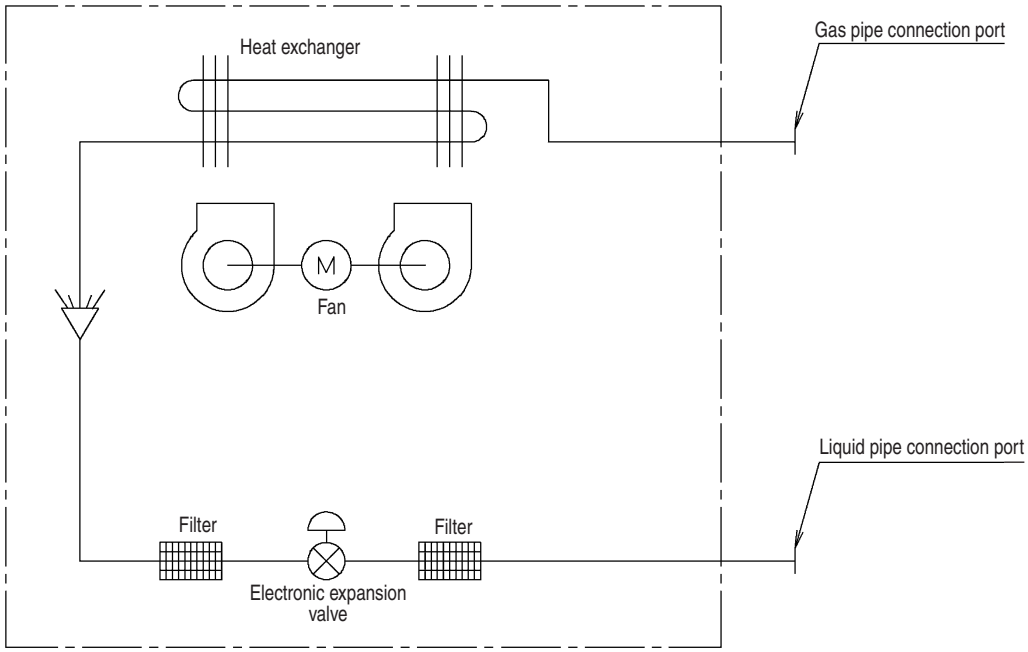
S-DM3HPS



Model	A	B	C	D
S-25,32,40DM3HPS	1,110	1,150	1,200	1,240
S-63DM3HPS	1,310	1,350	1,400	1,440

7. Piping Diagram

S-DM3HPS



Piping connection diameters

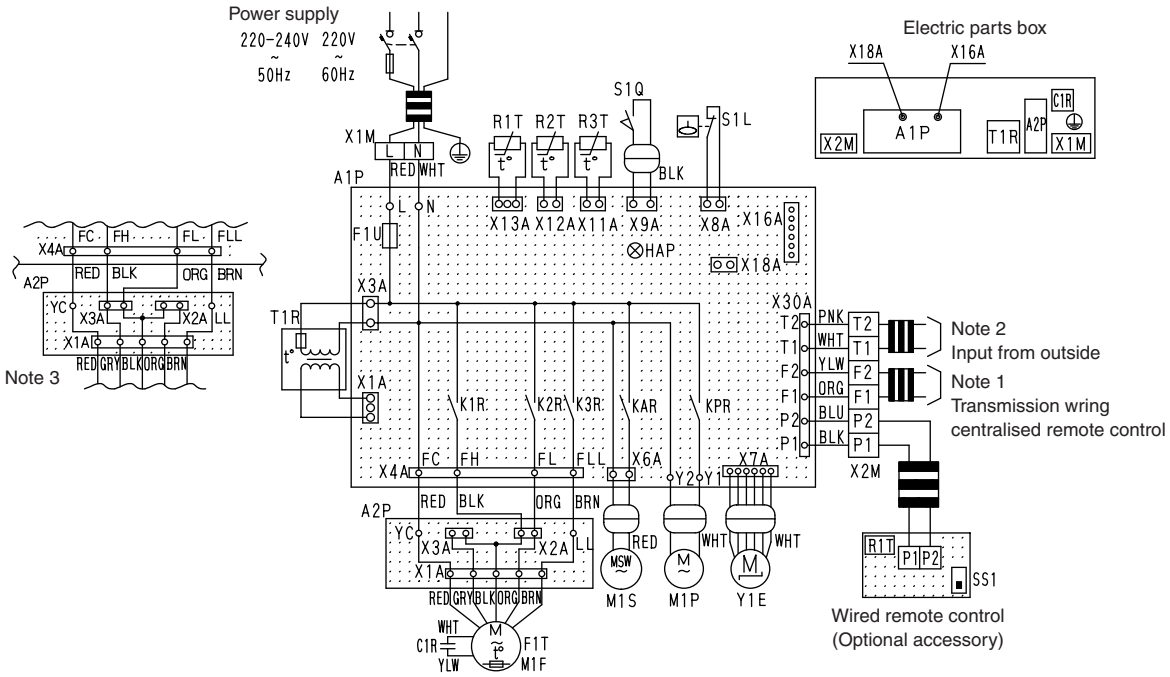
Model	Gas	Liquid
S-25,32,40DM3HPS	ø12.7	ø6.4
S-63DM3HPS	ø15.9	ø9.5

Check valve
Flare connection
Screw connection
Flange connection
Pinched pipe
Spinned pipe

4D034245

8. Wiring Diagrams

S-DM3HPS



A1P	Printed Circuit Board	R2T•R3T	Thermistor (Coil)
A2P	Terminal Board	S1L	Float Switch
C1R	Capacitor (M1F)	S1Q	Limit Switch (Swing Flap)
F1T	Thermal Fuse (105°C) (M1F Embedded)	T1R	Transformer (220-240V/22V)
F1U	Fuse (250V, 5A, (B))	X1M	Terminal Strip (Power)
HAP	Light Emitting Diode (Service Monitor-Green)	X2M	Terminal Strip (Control)
K1R•K3R	Magnetic Relay (M1F)	Y1E	Electronic Expansion Valve
KAR	Magnetic Relay (M1S)	Wired Remote Control	
KPR	Magnetic Relay (M1P)	R1T	Thermistor (Air)
M1F	Motor (Indoor Fan)	SS1	Selector Switch (Main/Sub)
M1P	Motor (Drain Pump)	Connector for Optional Parts	
M1S	Motor (Swing Flap)	X16A	Connector (Wiring Adapter)
R1T	Thermistor (Air)	X18A	Connector (Wiring Adapter for Electrical Appendices)

: Terminal
: Connector
: Field wiring

COLORS : BLK : Black PNK : Pink
BLU : Blue RED : Red
BRN : Brown WHT : White
ORG : Orange YLW : Yellow

Notes:

1. When using a centralized remote control, connect it to the unit in accordance with the attached instruction manual.
2. When connecting the input wires from outside, forced off or on/off control operation can be selected by remote control. In details, refer to the installation manual attached to the unit.
3. In case of high E.S.P. operation, change over the wiring connection from X2A to X3A.
4. Use copper conductors only.

3D039564

9. Sound Level

9.1 Sound Level Data

Model	Sound pressure level - 220 V		Sound pressure level - 240 V		Sound power level
	H	L	H	L	
S-25DM3HPS	38	33	40	35	*
S-32DM3HPS	38	33	40	35	*
S-40DM3HPS	40	34	42	36	*
S-63DM3HPS	42	37	44	39	*

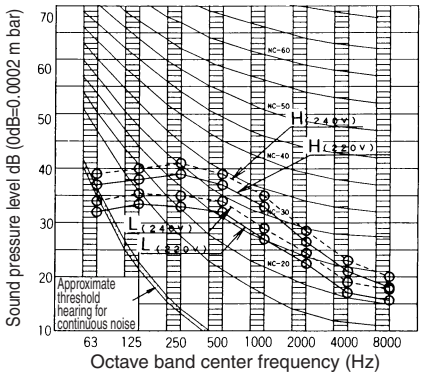
★data were not available at the time of publication

Notes:

1. Reference acoustic pressure 0dB=0.0002µbar
2. Operation noise differs with operation and ambient conditions
3. Measuring place: anechoic chamber

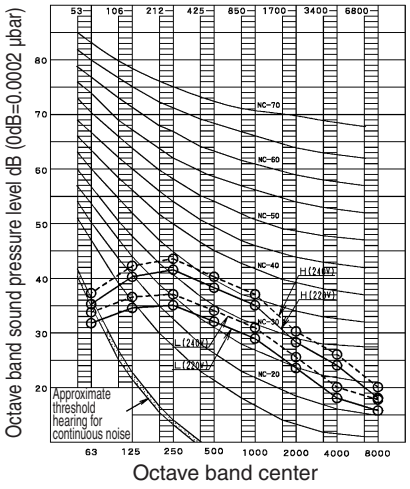
9.2 Sound Pressure Spectrum

S-25·32DM3HPS



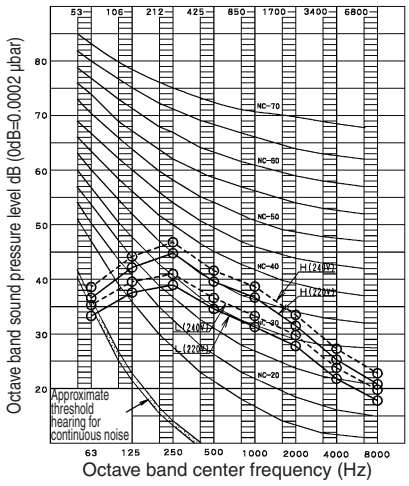
4D037071

S-40DM3HPS



4D037072

S-63DM3HPS

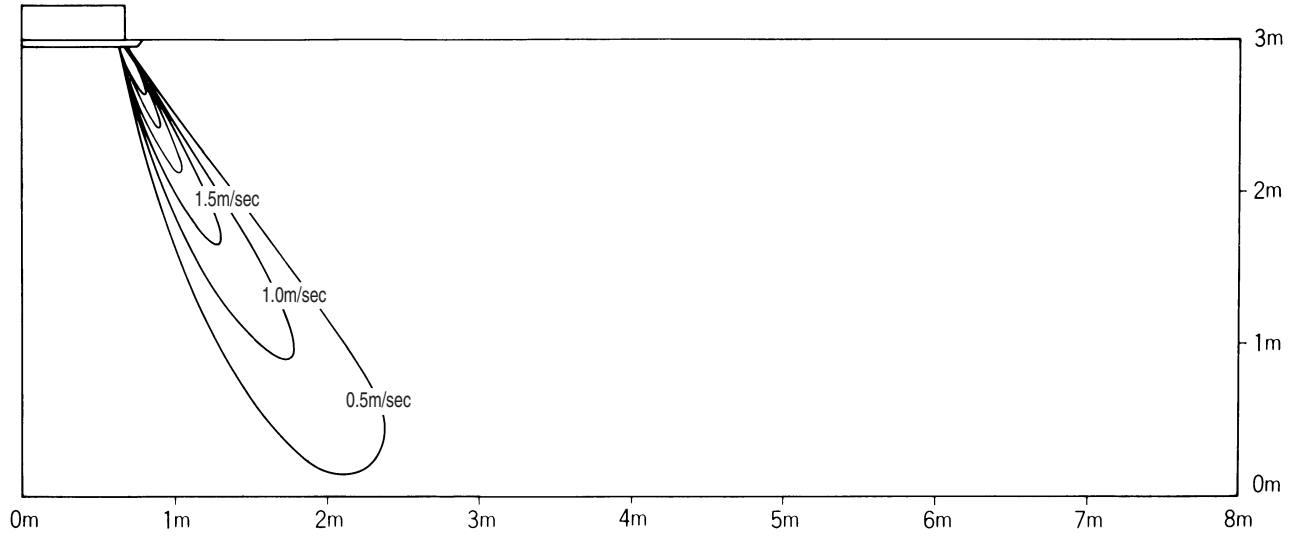


4D037073

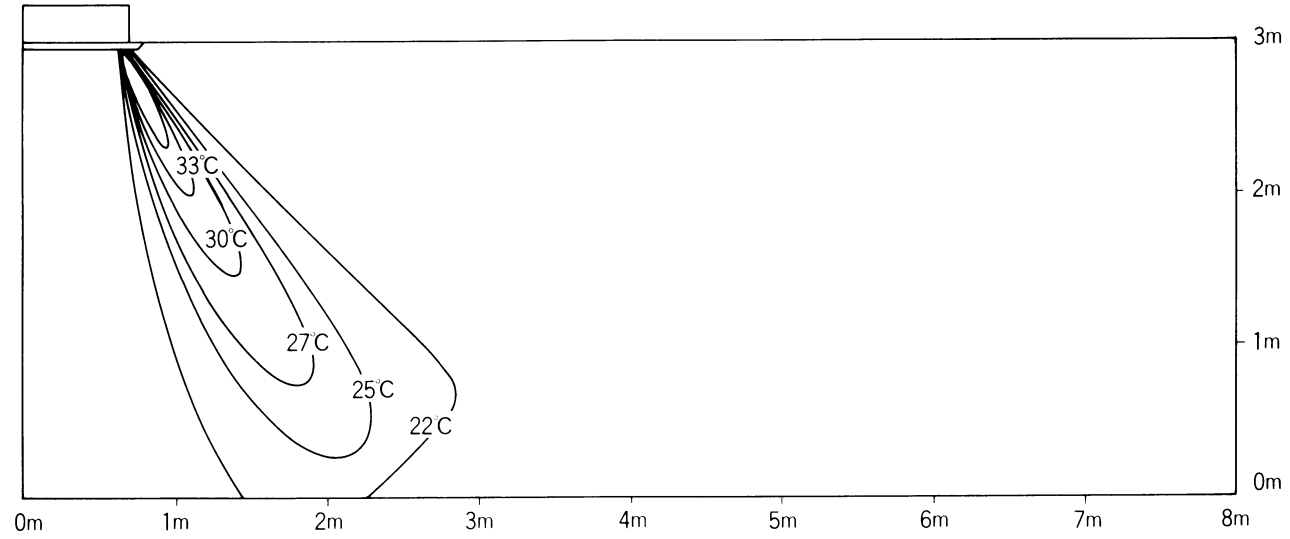
7

10. Air Flow Pattern

S-63DM3HPS
Heating Air Velocity Distribution
Lower Air Blow



Heating Temperature Distribution
Lower Air Blow

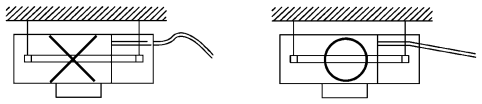


Note:

1. The corner type is applicable on a high ceiling. The standard set-up height is 3 m. Shown here is the measurement distribution at the ceiling height of 3 m.

11. Drain Piping

Rig the drain pipe as shown below and take measures against condensation. Improperly rigged piping could lead to leaks and eventually wet furniture and belongings.

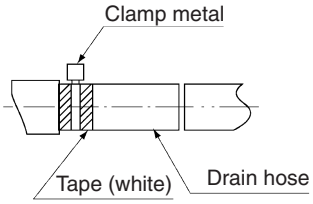


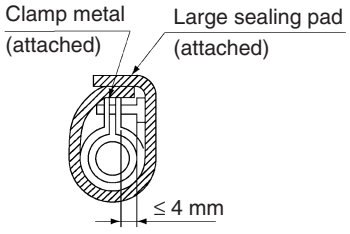
11.1 Install the Drain Pipes.

- Keep piping as short as possible and slope it downwards so that the air does not remain trapped inside the pipe.
- The diameter of the drain pipe should be larger than or equal to the diameter of the connecting pipe (Vinyl tube; pipe size: 25 mm; outer dimension: 32 mm).
- Use the attached drain hose and clamp metal. Insert the drain hose into the drain socket, up to the white tape. Tighten the clamp until the screw head is less than 4 mm from the hose.

CAUTION:

1. Installing the unit at an angle opposite to the drain piping might cause leaks.

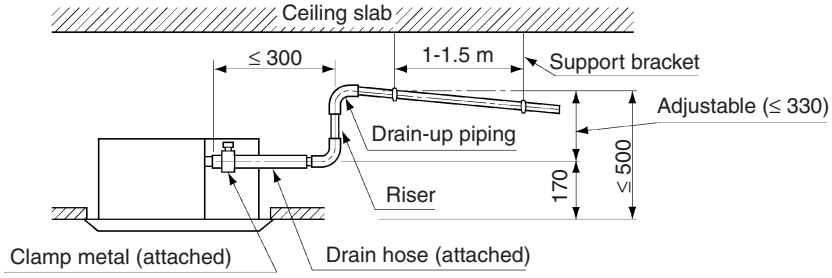




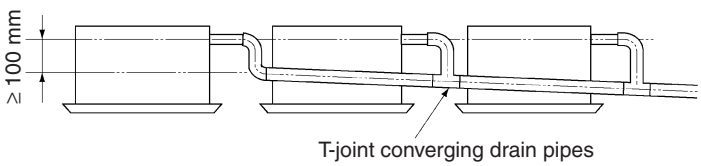
- Wrap the attached sealing pad over the clamp and drain hose to insulate.
- Insulate the drain hose inside the building.
- Insulate the clamp and drain hose with the attached large sealing pad. If the drain hose cannot be sufficiently set on a slope, execute the drain raising piping. Secure a downward gradient of 1/100 or more for the drain pipe. To accomplish this, mount supporting brackets at an interval of 1 - 1.5 m.

11.1.1 Precautions When Installing Drain-up Piping.

- Make sure the drain-up piping is maximum 330 mm high. Install the drain-up piping horizontally, and make sure it is not further than 300 mm from the base of the drain socket.



- Use the following outline if installing concentrated drain piping. If converging multiple drain pipes, install according to the procedure shown on the right.



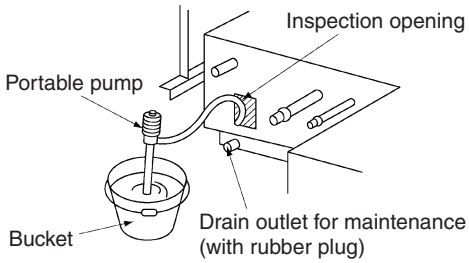
Select converging drain pipes whose gauge is suitable for the operating capacity of the unit.

11.2 When Piping Work is Finished

- Check if drainage flows smoothly. Open the inspection opening, add approximately 1,000 cc of water slowly into the drain pan and check drainage flow.

Note:

1. Use the drain outlet for maintenance to drain water from the drain pan.



11.3 When Electric Wiring Work is Finished

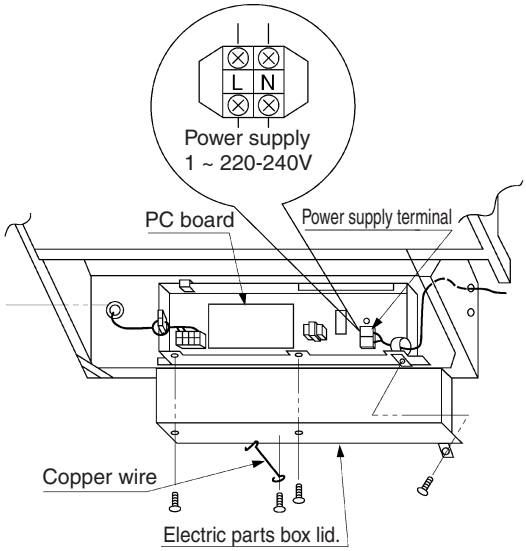
- Check drainage flow during COOL running, explained under “TEST OPERATION”

11.4 When Electric Wiring Work is Not Finished

- Remove the electric parts box lid, connect power supply and remote control to the terminals.
  Next, press the inspection/test operation button “ TEST ” on the remote control. The unit will engage the test operation mode. Press the operation mode selector button “ ” until selection FAN OPERATION “ ”. Then, press the ON/OFF button “ ”. The indoor unit fan and drain pump will start up. Check that the water has drained from the unit. Press “ TEST ” to go back to the first mode.

CAUTION:

1. Do not connect the drain piping directly to sewage pipes that smell of ammonia. The ammonia in the sewage might enter the indoor unit through the drain pipes and corrode the heat exchanger.

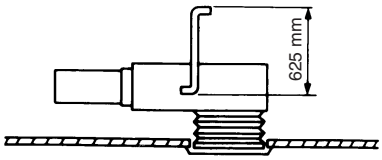


S-FM3HPQ
Built-in Type

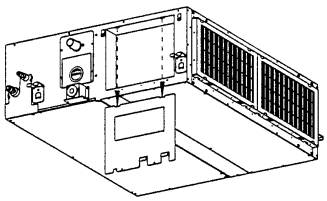
1. Features 460
2. Specifications 461
2.1 Technical Specifications 461
2.2 Electrical Specifications 462
2.3 Safety Device Settings 462
3. Accessories 462
4. Control Systems 463
4.1 Individual Control Systems 463
4.2 Centralized Control Systems 463
4.3 Others 463
5. Capacity Tables 464
5.1 Cooling Capacity 464
5.2 Heating Capacity 467
6. Dimensions 470
6.1 Dimensional Drawings 470
6.2 Centre of Gravity 474
6.3 Bolt Pitch 474
7. Piping Diagram 475
8. Wiring Diagrams 476
9. Sound Level 478
9.1 Sound Level Data 478
9.2 Sound Pressure Spectrum 479
10. Air Flow Pattern & Fan Characteristics 480
10.1 Air Flow Pattern 480
10.2 Fan Characteristics 482
11. Installation 483
11.1 Service Space 483
11.2 Installation Methods 483
11.3 Filter Installation Method 484
11.4 Switch Box Connections 484
11.5 Drain Piping 485

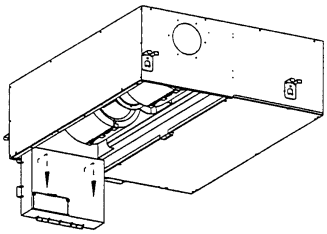
1. Features

- Offers freedom of development for the body, air outlets and inlets
- A comfortable air flow can be achieved by installing the discharge outlet in a high load zone - where personnel tend to congregate - and areas close to windows, which can be affected by external temperature changes
- Unrestricted layout and easy design
- Low sound pressure levels. The quiet operation of this model is ideal for exclusive stores and offices
- All models feature thin design for easy installation in narrow ceiling voids of minimum 350mm
- High external static pressure facilitates unit use with flexible ducts of varying length
- Long life filter fitted as standard
- Drain pump with lift up to 625mm fitted as standard



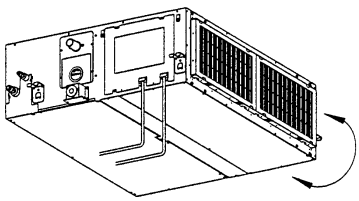
- The switch box can be reached from the side or from the bottom side of the unit for easy servicing

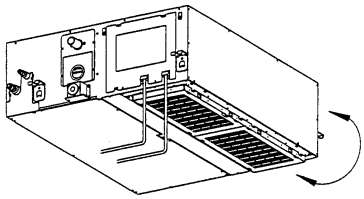




From the outside of the switch box:
remove the switch box cover

- Simple modification from rear to bottom suction





2. Specifications

2.1 Technical Specifications

S-FM3HPQ				20	25	32	40	50	63	80	100	125
Cooling Capacity (1)			kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0
Heating Capacity (2)			kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0
Nominal Input	Cooling		W	110		114	127	143	189	234	242	321
	Heating		W	90		94	107	123	169	214	222	301
Dimensions	Unit	HxWxD	mm	300x550x800			300x700x800		300x1,000x800	300x1,400x800		
	Decoration Panel	HxWxD	mm	55x650x500			55x800x500		55x1,100x500	55x1,500x500		
Weight	Unit		kg	30			30	31	41	51		52
	Decoration Panel		kg	3			3.5		4.5	6.5		
Casing				Galvanized Steel Plate								
Colour	Decoration Panel			White (10Y9/0.5)								
Sound Level	Sound Pressure	High	dB(A)	32		33	33	35	35	37	38	40
		Low	dB(A)	28		28	29	31	30	31	33	35
	Sound Power		dB(A)	50		51	56	58	56	55	56	65
Fan	Air Flow Rate	High	m^3/h	540		570	690	900	1,260	1,620	1,680	2,280
		Low	m^3/h	390		420	540	660	930	1,200	1,230	1,680
	Type			Sirocco Fan								
	Model			D18H3AA1V1			D18H2AC1V1	D18H2AB1V1	2D18H2AB1V1	3D18H2AH1V1		3D18H2AG1V1
	Motor Output		W	50			65	85	125	135		225
	External Static Pressure (max.) H/S/L		Pa	125/105/96 (4)		104/88/78 (4)	116/98/85 (4)	136/114/99 (4)	123/111/98 (4)	141/125/- (5)	141/125/- (5)	109/93/- (5)
	Drive			Direct Drive								
Heat Exchanger	Rows x Stages x Fin Pitch		mm	3x14x1.75								
	Face Area		m^2	0.088			0.132		0.221	0.338		
Air filter				Resin Net with Mold Resistant								
Refrigerant Control				Electronic Expansion Valve								
Temperature Control				Microprocessor Thermostat for Cooling and Heating								
Piping Connections	Liquid	Flare	mm	ϕ6.4					ϕ9.5			
	Gas	Flare	mm	ϕ12.7					ϕ15.9			
	Drain		mm	VP25, External Diameter 32, Internal Diameter 25								
Sound Absorbing Thermal Insulation				Foamed Polyurethane								

3TW25681-1

Notes:

1. Nominal cooling capacities are based on:
   - Indoor air temperature: 27°CDB, 19°CWB
   - Outdoor temperature: 35°CDB
   - Equivalent refrigerant piping: 8m
   - Level difference: 0m
2. Nominal heating capacities are based on:
   - Indoor air temperature: 20°CDB
   - Outdoor temperature: 7°CDB, 6°CWB
   - Equivalent refrigerant piping: 8m
   - Level difference: 0m
3. Capacities are net including a deduction for cooling (an addition for heating) for indoor fan motor heat.
4. The external static pressure is changeable: change the connectors inside the electrical box, this pressure means: High static pressure - Standard - Low static pressure.
5. The external static pressure is changeable: change the connectors inside the electrical box, this pressure means: High static pressure - Standard.
6. The sound pressure values are mentioned for a unit installed with rear suction.

8

2.2 Electrical Specifications

S-FM3HPQ			20	25	32	40	50	63	80	100	125
Current	Minimum Circuit Amps (MCA)	A	0.5			0.6	0.9	1.1	1.4	1.5	2.0
	Maximum Fuse Amps (MFA) (5)		16								
Power Supply			1 ~, 50Hz, 230V								
Voltage Range	Min~Max	V	207~253								
Indoor Fan Motor	Fan Motor Rated Output	W	50			65	85	125	225		225
	Full Load Amps (FLA)	A	0.4			0.5	0.7	0.9	1.1	1.2	1.6

4TW25681-2

Notes:

1. Voltage range: units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
2. Maximum allowable voltage range variation between phases is 2%.
3. MCA/MFA:
   MCA = 1.25 x FLA
   MFA ≤ 4 x FLA
   next lower standard fuse rating minimum 16A.
4. Select wire size based on the MCA.
5. Instead of a fuse, use a circuit breaker

2.3 Safety Device Settings

S-FM3HPQ		20	25	32	40	50	63	80	100	125
PC Board Fuse		250V 10A								
Fan Motor Thermal Fuse	°C	$152^{\pm 2}$						—		
Fan Motor Thermal Protector	°C	—						OFF:$130^{\pm 5}$, (ON: $80^{\pm 20}$)	OFF:$130^{\pm 5}$, (ON: $80^{\pm 20}$)	OFF:$130^{\pm 5}$, (ON: $80^{\pm 20}$)
Drain Pump Fuse	°C	169								

3TW25511-3

3. Accessories

S-FM3HPQ		20	25	32	40	50	63	80	100	125
Decoration Panel		CZ-01HPF11P			CZ-02HPF11P		CZ-03HPF11P	CZ-06HPF11P		
Service Access Panel		KTBJ25K36W			KTBJ25K56W		KTBJ25K80W	KTBJ25K160W		
Auxiliary Electric Heater (1) (3)	240V/220V	KEA25K32VE			KEA25K50VE		KEA25K63VE	KEA25K100VE		KEA25K 125VE
	Capacity	0.75			1.2		1.4	2.1		2.8
High Efficiency Filter 65% (2)		KAFJ252L36			KAFJ252L56		KAFJ252L80	KAFJ252L160		
High Efficiency Filter 90% (2)		KAFJ253L36			KAFJ253L56		KAFJ253L80	KAFJ253L160		
Filter Chamber for Bottom Suction		KAJ25L36D			KAJ25L56D		KAJ25L80D	KAJ25L160D		
Filter Chamber for Rear Suction		KAJ25L36B			KAJ25L56B		KAJ25L80B	KAJ25L160B		
Air Suction Canvas		KSAJ25K36			KSAJ25K56		KSAJ25K80	KSAJ25K160		
Screening Door / Blind Board		KBBJ25K36			KBBJ25K56		KBBJ25K80	KBBJ25K160		
Air Discharge Adapter for Round Duct		KDAJ25K36			KDAJ25K56		KDAJ25K71	KDAJ25K140		

3TW25689-1

Notes:

1. A wiring adapter (KRP1B61) per indoor unit is required, if installing an electric heater.
2. If installing a high efficiency filter in the unit, an assembly chamber for either bottom or rear suction is required.
3. An electric heater cannot be used for UM system cooling only.

4. Control Systems

4.1 Individual Control Systems

Wired Remote Control		CZ-02RT11P, CZ-01RT11P
Infrared Remote Control	Heat Pump	CZ-02RWD12P
Simplified Remote Control		CZ-02RE11P
Remote Control for Hotel Use		CZ-03RE11P

4.2 Centralized Control Systems

Centralized Remote Control	CZ-01ESM11P
Unified ON/OFF Control	CZ-01ANA11P
Schedule Timer	CZ-01ESW11P

4.3 Others

Wiring Adapter (Interlock for Fresh Air Intake Fan)	KRP1B61
BMS Interface Adapter for Unified Group	KRP2A51
BMS Interface Adapter for Individual and Unified Control	KRP4A51
Remote Sensor	CZ-10RSA
Electrical Box with Earth Terminal (3 Blocks)	KJB311A
Electrical Box with Earth Terminal (2 Blocks)	KJB212A
Noise Filter (for Electromagnetic Interface Use Only)	KEK26-1
BMS Interface Adapter for Outdoor Units (Installation on Indoor Unit)	DTA104A61
Option PCB for External Electric Heater, Humidifier and/or Hour Meter (*1)	EKRP1B2P

3TW25689-1A

Note:

1. Electrical heater and humidifier are field supply. These parts should not be installed inside the equipment.
   (Cf. installation manual on EKRP1B2P)

5. Capacity Tables

5.1 Cooling Capacity

TC: Total capacity.kW – SHC: Sensible capacity;kW

Unit size	Nominal capacity	Outdoor air temp.	Indoor air temperature													
			14.0WB		16.0WB		18.0WB		19.0WB		20.0WB		22.0WB		24.0WB	
			20.0DB		23.0DB		26.0DB		27.0DB		28.0DB		30.0DB		32.0DB	
		°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
20	2.2	10.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.9	2.6	1.9	2.9	1.9
		12.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.9	2.6	1.9	2.9	1.9
		14.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.9	2.6	1.9	2.8	1.9
		16.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.9	2.6	1.9	2.8	1.8
		18.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.9	2.6	1.9	2.7	1.8
		20.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.9	2.6	1.9	2.7	1.8
		21.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.9	2.6	1.9	2.7	1.8
		23.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.9	2.6	1.9	2.6	1.7
		25.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.9	2.6	1.8	2.6	1.7
		27.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.9	2.5	1.8	2.6	1.7
		29.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.9	2.5	1.8	2.5	1.7
		31.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.9	2.4	1.8	2.5	1.7
		33.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.9	2.4	1.8	2.5	1.7
		35.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.8	2.4	1.8	2.4	1.7
		37.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.8	2.3	1.8	2.4	1.7
		39.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.2	1.8	2.3	1.7	2.3	1.6
25	2.8	10.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.4	2.3	3.7	2.3
		12.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.4	2.3	3.6	2.2
		14.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.4	2.3	3.6	2.2
		16.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.4	2.3	3.5	2.2
		18.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.4	2.3	3.5	2.2
		20.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.4	2.3	3.4	2.1
		21.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.4	2.3	3.4	2.1
		23.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.3	2.2	3.4	2.1
		25.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.3	2.2	3.3	2.1
		27.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.2	2.2	3.3	2.1
		29.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.2	2.2	3.2	2.0
		31.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.1	2.1	3.2	2.0
		33.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.1	2.1	3.1	2.0
		35.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.0	2.1	3.1	2.0
		37.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	2.9	2.2	3.0	2.1	3.0	2.0
		39.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	2.9	2.2	2.9	2.1	3.0	2.0
32	3.6	10.0	2.4	2.0	2.9	2.3	3.4	2.5	3.6	2.5	3.8	2.7	4.3	2.8	4.7	2.8
		12.0	2.4	2.0	2.9	2.3	3.4	2.5	3.6	2.5	3.8	2.7	4.3	2.8	4.7	2.7
		14.0	2.4	2.0	2.9	2.3	3.4	2.5	3.6	2.5	3.8	2.7	4.3	2.8	4.6	2.7
		16.0	2.4	2.0	2.9	2.3	3.4	2.5	3.6	2.5	3.8	2.7	4.3	2.8	4.6	2.7
		18.0	2.4	2.0	2.9	2.3	3.4	2.5	3.6	2.5	3.8	2.7	4.3	2.8	4.5	2.6
		20.0	2.4	2.0	2.9	2.3	3.4	2.5	3.6	2.5	3.8	2.7	4.3	2.8	4.4	2.6
		21.0	2.4	2.0	2.9	2.3	3.4	2.5	3.6	2.5	3.8	2.7	4.3	2.8	4.4	2.6
		23.0	2.4	2.0	2.9	2.3	3.4	2.5	3.6	2.5	3.8	2.7	4.2	2.7	4.3	2.6
		25.0	2.4	2.0	2.9	2.3	3.4	2.5	3.6	2.5	3.8	2.7	4.2	2.7	4.3	2.5
		27.0	2.4	2.0	2.9	2.3	3.4	2.5	3.6	2.5	3.8	2.7	4.1	2.6	4.2	2.5
		29.0	2.4	2.0	2.9	2.3	3.4	2.5	3.6	2.5	3.8	2.7	4.1	2.6	4.2	2.5
		31.0	2.4	2.0	2.9	2.3	3.4	2.5	3.6	2.5	3.8	2.7	4.0	2.6	4.1	2.5
		33.0	2.4	2.0	2.9	2.3	3.4	2.5	3.6	2.5	3.8	2.7	3.9	2.6	4.0	2.4
		35.0	2.4	2.0	2.9	2.3	3.4	2.5	3.6	2.5	3.8	2.7	3.9	2.6	4.0	2.4
		37.0	2.4	2.0	2.9	2.3	3.4	2.5	3.6	2.5	3.7	2.7	3.8	2.5	3.9	2.4
		39.0	2.4	2.0	2.9	2.3	3.4	2.5	3.6	2.6	3.7	2.6	3.8	2.5	3.8	2.4
40	4.5	10.0	3.0	2.6	3.6	3.0	4.2	3.2	4.5	3.3	4.8	3.6	5.4	3.3	5.9	3.6
		12.0	3.0	2.6	3.6	3.0	4.2	3.2	4.5	3.3	4.8	3.6	5.4	3.3	5.8	3.6
		14.0	3.0	2.6	3.6	3.0	4.2	3.2	4.5	3.3	4.8	3.6	5.4	3.3	5.8	3.5
		16.0	3.0	2.6	3.6	3.0	4.2	3.2	4.5	3.3	4.8	3.6	5.4	3.3	5.7	3.5
		18.0	3.0	2.6	3.6	3.0	4.2	3.2	4.5	3.3	4.8	3.6	5.4	3.3	5.6	3.5
		20.0	3.0	2.6	3.6	3.0	4.2	3.2	4.5	3.3	4.8	3.6	5.4	3.3	5.5	3.4
		21.0	3.0	2.6	3.6	3.0	4.2	3.2	4.5	3.3	4.8	3.6	5.4	3.3	5.5	3.4
		23.0	3.0	2.6	3.6	3.0	4.2	3.2	4.5	3.3	4.8	3.6	5.3	3.3	5.4	3.4
		25.0	3.0	2.6	3.6	3.0	4.2	3.2	4.5	3.3	4.8	3.6	5.2	3.2	5.3	3.3
		27.0	3.0	2.6	3.6	3.0	4.2	3.2	4.5	3.3	4.8	3.6	5.2	3.2	5.3	3.3
		29.0	3.0	2.6	3.6	3.0	4.2	3.2	4.5	3.3	4.8	3.6	5.1	3.2	5.2	3.3
		31.0	3.0	2.6	3.6	3.0	4.2	3.2	4.5	3.3	4.8	3.6	5.0	3.1	5.1	3.2
		33.0	3.0	2.6	3.6	3.0	4.2	3.2	4.5	3.3	4.8	3.6	4.9	3.1	5.0	3.2
		35.0	3.0	2.6	3.6	3.0	4.2	3.2	4.5	3.3	4.7	3.6	4.9	3.1	5.0	3.2
		37.0	3.0	2.6	3.6	3.0	4.2	3.2	4.5	3.3	4.7	3.5	4.8	3.0	4.9	3.1
		39.0	3.0	2.6	3.6	3.0	4.2	3.2	4.5	3.3	4.6	3.5	4.7	3.0	4.8	3.1

TC: Total capacity.kW – SHC: Sensible capacity;kW

Unit size	Nominal capacity	Outdoor air temp.	Indoor air temperature													
			14.0WB		16.0WB		18.0WB		19.0WB		20.0WB		22.0WB		24.0WB	
			20.0DB		23.0DB		26.0DB		27.0DB		28.0DB		30.0DB		32.0DB	
		°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
50	5.6	10.0	3.8	3.2	4.5	3.7	5.2	3.9	5.6	4.1	6.0	4.3	6.7	4.0	7.4	4.4
		12.0	3.8	3.2	4.5	3.7	5.2	3.9	5.6	4.1	6.0	4.3	6.7	4.0	7.3	4.4
		14.0	3.8	3.2	4.5	3.7	5.2	3.9	5.6	4.1	6.0	4.3	6.7	4.0	7.2	4.3
		16.0	3.8	3.2	4.5	3.7	5.2	3.9	5.6	4.1	6.0	4.3	6.7	4.0	7.1	4.3
		18.0	3.8	3.2	4.5	3.7	5.2	3.9	5.6	4.1	6.0	4.3	6.7	4.0	7.0	4.3
		20.0	3.8	3.2	4.5	3.7	5.2	3.9	5.6	4.1	6.0	4.3	6.7	4.0	6.9	4.2
		21.0	3.8	3.2	4.5	3.7	5.2	3.9	5.6	4.1	6.0	4.3	6.7	4.0	6.8	4.2
		23.0	3.8	3.2	4.5	3.7	5.2	3.9	5.6	4.1	6.0	4.3	6.6	4.0	6.7	4.2
		25.0	3.8	3.2	4.5	3.7	5.2	3.9	5.6	4.1	6.0	4.3	6.5	4.0	6.6	4.1
		27.0	3.8	3.2	4.5	3.7	5.2	3.9	5.6	4.1	6.0	4.3	6.4	3.9	6.6	4.1
		29.0	3.8	3.2	4.5	3.7	5.2	3.9	5.6	4.1	6.0	4.3	6.3	3.9	6.5	4.0
		31.0	3.8	3.2	4.5	3.7	5.2	3.9	5.6	4.1	6.0	4.3	6.2	3.8	6.4	4.0
		33.0	3.8	3.2	4.5	3.7	5.2	3.9	5.6	4.1	6.0	4.3	6.1	3.8	6.3	3.9
		35.0	3.8	3.2	4.5	3.7	5.2	3.9	5.6	4.1	5.9	4.3	6.0	3.8	6.2	3.9
		37.0	3.8	3.2	4.5	3.7	5.2	3.9	5.6	4.1	5.8	4.3	5.9	3.7	6.1	3.9
		39.0	3.8	3.2	4.5	3.7	5.2	3.9	5.6	4.1	5.7	4.2	5.8	3.7	6.0	3.8
63	7.1	10.0	4.8	4.1	5.7	4.7	6.6	4.9	7.1	5.2	7.6	5.5	8.5	5.6	9.3	5.6
		12.0	4.8	4.1	5.7	4.7	6.6	4.9	7.1	5.2	7.6	5.5	8.5	5.6	9.2	5.6
		14.0	4.8	4.1	5.7	4.7	6.6	4.9	7.1	5.2	7.6	5.5	8.5	5.6	9.1	5.5
		16.0	4.8	4.1	5.7	4.7	6.6	4.9	7.1	5.2	7.6	5.5	8.5	5.6	9.0	5.4
		18.0	4.8	4.1	5.7	4.7	6.6	4.9	7.1	5.2	7.6	5.5	8.5	5.6	8.8	5.3
		20.0	4.8	4.1	5.7	4.7	6.6	4.9	7.1	5.2	7.6	5.5	8.5	5.6	8.7	5.3
		21.0	4.8	4.1	5.7	4.7	6.6	4.9	7.1	5.2	7.6	5.5	8.5	5.6	8.7	5.2
		23.0	4.8	4.1	5.7	4.7	6.6	4.9	7.1	5.2	7.6	5.5	8.4	5.5	8.5	5.2
		25.0	4.8	4.1	5.7	4.7	6.6	4.9	7.1	5.2	7.6	5.5	8.3	5.5	8.4	5.1
		27.0	4.8	4.1	5.7	4.7	6.6	4.9	7.1	5.2	7.6	5.5	8.1	5.4	8.3	5.1
		29.0	4.8	4.1	5.7	4.7	6.6	4.9	7.1	5.2	7.6	5.5	8.0	5.3	8.2	5.1
		31.0	4.8	4.1	5.7	4.7	6.6	4.9	7.1	5.2	7.6	5.5	7.9	5.3	8.1	5.0
		33.0	4.8	4.1	5.7	4.7	6.6	4.9	7.1	5.2	7.6	5.5	7.8	5.2	7.9	5.0
		35.0	4.8	4.1	5.7	4.7	6.6	4.9	7.1	5.2	7.5	5.5	7.7	5.2	7.8	4.9
		37.0	4.8	4.1	5.7	4.7	6.6	4.9	7.1	5.2	7.4	5.4	7.5	5.2	7.7	4.9
		39.0	4.8	4.1	5.7	4.7	6.6	4.9	7.1	5.2	7.2	5.4	7.4	5.1	7.6	4.9
80	9.0	10.0	6.1	5.0	7.2	5.7	8.4	6.1	9.0	6.3	9.6	6.6	10.8	6.8	11.8	6.9
		12.0	6.1	5.0	7.2	5.7	8.4	6.1	9.0	6.3	9.6	6.6	10.8	6.8	11.7	6.8
		14.0	6.1	5.0	7.2	5.7	8.4	6.1	9.0	6.3	9.6	6.6	10.8	6.8	11.5	6.7
		16.0	6.1	5.0	7.2	5.7	8.4	6.1	9.0	6.3	9.6	6.6	10.8	6.8	11.4	6.6
		18.0	6.1	5.0	7.2	5.7	8.4	6.1	9.0	6.3	9.6	6.6	10.8	6.8	11.2	6.5
		20.0	6.1	5.0	7.2	5.7	8.4	6.1	9.0	6.3	9.6	6.6	10.8	6.8	11.1	6.4
		21.0	6.1	5.0	7.2	5.7	8.4	6.1	9.0	6.3	9.6	6.6	10.8	6.8	11.0	6.4
		23.0	6.1	5.0	7.2	5.7	8.4	6.1	9.0	6.3	9.6	6.6	10.6	6.7	10.8	6.3
		25.0	6.1	5.0	7.2	5.7	8.4	6.1	9.0	6.3	9.6	6.6	10.5	6.6	10.7	6.2
		27.0	6.1	5.0	7.2	5.7	8.4	6.1	9.0	6.3	9.6	6.6	10.3	6.5	10.5	6.2
		29.0	6.1	5.0	7.2	5.7	8.4	6.1	9.0	6.3	9.6	6.6	10.2	6.5	10.4	6.1
		31.0	6.1	5.0	7.2	5.7	8.4	6.1	9.0	6.3	9.6	6.6	10.0	6.4	10.2	6.1
		33.0	6.1	5.0	7.2	5.7	8.4	6.1	9.0	6.3	9.6	6.6	9.8	6.3	10.1	6.1
		35.0	6.1	5.0	7.2	5.7	8.4	6.1	9.0	6.3	9.5	6.6	9.7	6.3	9.9	6.0
		37.0	6.1	5.0	7.2	5.7	8.4	6.1	9.0	6.3	9.3	6.5	9.5	6.2	9.8	6.0
		39.0	6.1	5.0	7.2	5.7	8.4	6.1	9.0	6.4	9.2	6.5	9.4	6.2	9.6	5.9

8

TC: Total capacity.kW – SHC: Sensible capacity;kW

Unit size	Nominal capacity	Outdoor air temp.	Indoor air temperature													
			14.0WB		16.0WB		18.0WB		19.0WB		20.0WB		22.0WB		24.0WB	
			20.0DB		23.0DB		26.0DB		27.0DB		28.0DB		30.0DB		32.0DB	
		°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
100	11.2	10.0	7.6	6.2	9.0	7.1	10.5	7.6	11.2	7.9	11.9	8.3	13.4	8.5	14.7	8.5
		12.0	7.6	6.2	9.0	7.1	10.5	7.6	11.2	7.9	11.9	8.3	13.4	8.5	14.5	8.4
		14.0	7.6	6.2	9.0	7.1	10.5	7.6	11.2	7.9	11.9	8.3	13.4	8.5	14.4	8.3
		16.0	7.6	6.2	9.0	7.1	10.5	7.6	11.2	7.9	11.9	8.3	13.4	8.5	14.2	8.2
		18.0	7.6	6.2	9.0	7.1	10.5	7.6	11.2	7.9	11.9	8.3	13.4	8.5	14.0	8.1
		20.0	7.6	6.2	9.0	7.1	10.5	7.6	11.2	7.9	11.9	8.3	13.4	8.5	13.8	8.0
		21.0	7.6	6.2	9.0	7.1	10.5	7.6	11.2	7.9	11.9	8.3	13.4	8.5	13.7	7.9
		23.0	7.6	6.2	9.0	7.1	10.5	7.6	11.2	7.9	11.9	8.3	13.2	8.4	13.5	7.8
		25.0	7.6	6.2	9.0	7.1	10.5	7.6	11.2	7.9	11.9	8.3	13.0	8.3	13.3	7.7
		27.0	7.6	6.2	9.0	7.1	10.5	7.6	11.2	7.9	11.9	8.3	12.8	8.1	13.1	7.7
		29.0	7.6	6.2	9.0	7.1	10.5	7.6	11.2	7.9	11.9	8.3	12.6	8.0	12.9	7.6
		31.0	7.6	6.2	9.0	7.1	10.5	7.6	11.2	7.9	11.9	8.3	12.4	8.0	12.7	7.5
		33.0	7.6	6.2	9.0	7.1	10.5	7.6	11.2	7.9	11.9	8.3	12.2	7.9	12.5	7.5
		35.0	7.6	6.2	9.0	7.1	10.5	7.6	11.2	7.9	11.8	8.2	12.1	7.8	12.3	7.5
		37.0	7.6	6.2	9.0	7.1	10.5	7.6	11.2	7.9	11.6	8.1	11.9	7.8	12.2	7.4
		39.0	7.6	6.2	9.0	7.1	10.5	7.6	11.2	7.9	11.4	8.1	11.7	7.7	12.0	7.3
125	14.0	10.0	9.5	7.8	11.3	8.9	13.1	9.6	14.0	9.9	14.9	10.3	16.8	10.7	18.4	11.0
		12.0	9.5	7.8	11.3	8.9	13.1	9.6	14.0	9.9	14.9	10.3	16.8	10.7	18.2	10.9
		14.0	9.5	7.8	11.3	8.9	13.1	9.6	14.0	9.9	14.9	10.3	16.8	10.7	18.0	10.7
		16.0	9.5	7.8	11.3	8.9	13.1	9.6	14.0	9.9	14.9	10.3	16.8	10.7	17.7	10.6
		18.0	9.5	7.8	11.3	8.9	13.1	9.6	14.0	9.9	14.9	10.3	16.8	10.7	17.5	10.4
		20.0	9.5	7.8	11.3	8.9	13.1	9.6	14.0	9.9	14.9	10.3	16.8	10.7	17.2	10.3
		21.0	9.5	7.8	11.3	8.9	13.1	9.6	14.0	9.9	14.9	10.3	16.8	10.7	17.1	10.2
		23.0	9.5	7.8	11.3	8.9	13.1	9.6	14.0	9.9	14.9	10.3	16.5	10.6	16.9	10.1
		25.0	9.5	7.8	11.3	8.9	13.1	9.6	14.0	9.9	14.9	10.3	16.3	10.4	16.6	10.0
		27.0	9.5	7.8	11.3	8.9	13.1	9.6	14.0	9.9	14.9	10.3	16.1	10.3	16.4	9.9
		29.0	9.5	7.8	11.3	8.9	13.1	9.6	14.0	9.9	14.9	10.3	15.8	10.1	16.2	9.8
		31.0	9.5	7.8	11.3	8.9	13.1	9.6	14.0	9.9	14.9	10.3	15.6	10.0	15.9	9.6
		33.0	9.5	7.8	11.3	8.9	13.1	9.6	14.0	9.9	14.9	10.3	15.3	9.9	15.7	9.5
		35.0	9.5	7.8	11.3	8.9	13.1	9.6	14.0	9.9	14.8	10.2	15.1	9.8	15.4	9.4
		37.0	9.5	7.8	11.3	8.9	13.1	9.6	14.0	9.9	14.5	10.1	14.9	9.7	15.2	9.3
		39.0	9.5	7.8	11.3	8.9	13.1	9.6	14.0	10.0	14.3	9.9	14.6	9.6	15.0	9.2

3TW25682-1

5.2 Heating Capacity

Unit Size	Nominal capacity	Outdoor air temperature		Indoor air temperature °CDB					
				16.0	18.0	20.0	21.0	22.0	24.0
		°CDB	°CWB	kW	kW	kW	kW	kW	kW
20	2.5	-19.8	-20.0	1.5	1.5	1.5	1.5	1.5	1.5
		-18.8	-19.0	1.5	1.5	1.5	1.5	1.5	1.5
		-16.7	-17.0	1.6	1.6	1.6	1.6	1.6	1.6
		-14.7	-15.0	1.7	1.7	1.7	1.7	1.7	1.7
		-12.6	-13.0	1.8	1.8	1.8	1.8	1.8	1.8
		-10.5	-11.0	1.9	1.9	1.9	1.9	1.9	1.9
		-9.5	-10.0	1.9	1.9	1.9	1.9	1.9	1.9
		-8.5	-9.1	2.0	2.0	1.9	1.9	1.9	1.9
		-7.0	-7.6	2.0	2.0	2.0	2.0	2.0	2.0
		-5.0	-5.6	2.1	2.1	2.1	2.1	2.1	2.1
		-3.0	-3.7	2.2	2.2	2.2	2.2	2.2	2.2
		0.0	-0.7	2.3	2.3	2.3	2.3	2.3	2.2
		3.0	2.2	2.5	2.5	2.4	2.4	2.3	2.2
		5.0	4.1	2.5	2.5	2.5	2.4	2.3	2.2
		7.0	6.0	2.6	2.6	2.5	2.4	2.3	2.2
		9.0	7.9	2.7	2.7	2.5	2.4	2.3	2.2
		11.0	9.8	2.8	2.7	2.5	2.4	2.3	2.2
		13.0	11.8	2.8	2.7	2.5	2.4	2.3	2.2
		15.0	13.7	2.8	2.7	2.5	2.4	2.3	2.2
25	3.2	-19.8	-20.0	1.9	1.9	1.9	1.9	1.9	1.9
		-18.8	-19.0	1.9	1.9	1.9	1.9	1.9	1.9
		-16.7	-17.0	2.1	2.1	2.0	2.0	2.0	2.0
		-14.7	-15.0	2.2	2.2	2.2	2.2	2.2	2.1
		-12.6	-13.0	2.3	2.3	2.3	2.3	2.3	2.3
		-10.5	-11.0	2.4	2.4	2.4	2.4	2.4	2.4
		-9.5	-10.0	2.5	2.4	2.4	2.4	2.4	2.4
		-8.5	-9.1	2.5	2.5	2.5	2.5	2.5	2.5
		-7.0	-7.6	2.6	2.6	2.6	2.6	2.6	2.6
		-5.0	-5.6	2.7	2.7	2.7	2.7	2.7	2.7
		-3.0	-3.7	2.8	2.8	2.8	2.8	2.8	2.8
		0.0	-0.7	3.0	3.0	3.0	3.0	3.0	2.8
		3.0	2.2	3.1	3.1	3.1	3.1	3.0	2.8
		5.0	4.1	3.3	3.2	3.2	3.1	3.0	2.8
		7.0	6.0	3.4	3.4	3.2	3.1	3.0	2.8
		9.0	7.9	3.5	3.4	3.2	3.1	3.0	2.8
		11.0	9.8	3.6	3.4	3.2	3.1	3.0	2.8
		13.0	11.8	3.6	3.4	3.2	3.1	3.0	2.8
		15.0	13.7	3.6	3.4	3.2	3.1	3.0	2.8
32	4.0	-19.8	-20.0	2.4	2.4	2.3	2.3	2.3	2.3
		-18.8	-19.0	2.4	2.4	2.4	2.4	2.4	2.4
		-16.7	-17.0	2.6	2.6	2.6	2.6	2.6	2.5
		-14.7	-15.0	2.7	2.7	2.7	2.7	2.7	2.7
		-12.6	-13.0	2.9	2.8	2.8	2.8	2.8	2.8
		-10.5	-11.0	3.0	3.0	3.0	3.0	3.0	3.0
		-9.5	-10.0	3.1	3.1	3.1	3.1	3.0	3.0
		-8.5	-9.1	3.1	3.1	3.1	3.1	3.1	3.1
		-7.0	-7.6	3.2	3.2	3.2	3.2	3.2	3.2
		-5.0	-5.6	3.4	3.4	3.4	3.4	3.4	3.4
		-3.0	-3.7	3.5	3.5	3.5	3.5	3.5	3.5
		0.0	-0.7	3.7	3.7	3.7	3.7	3.7	3.5
		3.0	2.2	3.9	3.9	3.9	3.9	3.7	3.5
		5.0	4.1	4.1	4.1	4.0	3.9	3.7	3.5
		7.0	6.0	4.2	4.2	4.0	3.9	3.7	3.5
		9.0	7.9	4.3	4.3	4.0	3.9	3.7	3.5
		11.0	9.8	4.5	4.3	4.0	3.9	3.7	3.5
		13.0	11.8	4.5	4.3	4.0	3.9	3.7	3.5
		15.0	13.7	4.5	4.3	4.0	3.9	3.7	3.5

Unit Size	Nominal capacity	Outdoor air temperature		Indoor air temperature °CDB					
				16.0	18.0	20.0	21.0	22.0	24.0
		°CDB	°CWB	kW	kW	kW	kW	kW	kW
40	5.0	-19.8	-20.0	3.0	2.9	2.9	2.9	2.9	2.9
		-18.8	-19.0	3.0	3.0	3.0	3.0	3.0	3.0
		-16.7	-17.0	3.2	3.2	3.2	3.2	3.2	3.2
		-14.7	-15.0	3.4	3.4	3.4	3.4	3.4	3.4
		-12.6	-13.0	3.6	3.6	3.6	3.5	3.5	3.5
		-10.5	-11.0	3.7	3.7	3.7	3.7	3.7	3.7
		-9.5	-10.0	3.8	3.8	3.8	3.8	3.8	3.8
		-8.5	-9.1	3.9	3.9	3.9	3.9	3.9	3.9
		-7.0	-7.6	4.0	4.0	4.0	4.0	4.0	4.0
		-5.0	-5.6	4.2	4.2	4.2	4.2	4.2	4.2
		-3.0	-3.7	4.4	4.4	4.4	4.4	4.4	4.4
		0.0	-0.7	4.7	4.6	4.6	4.6	4.6	4.4
		3.0	2.2	4.9	4.9	4.9	4.8	4.7	4.4
		5.0	4.1	5.1	5.1	5.0	4.8	4.7	4.4
		7.0	6.0	5.2	5.2	5.0	4.8	4.7	4.4
		9.0	7.9	5.4	5.3	5.0	4.8	4.7	4.4
		11.0	9.8	5.6	5.3	5.0	4.8	4.7	4.4
		13.0	11.8	5.6	5.3	5.0	4.8	4.7	4.4
		15.0	13.7	5.6	5.3	5.0	4.8	4.7	4.4
50	6.3	-19.8	-20.0	3.7	3.7	3.7	3.7	3.7	3.7
		-18.8	-19.0	3.8	3.8	3.8	3.8	3.8	3.8
		-16.7	-17.0	4.1	4.0	4.0	4.0	4.0	4.0
		-14.7	-15.0	4.3	4.3	4.3	4.2	4.2	4.2
		-12.6	-13.0	4.5	4.5	4.5	4.5	4.5	4.5
		-10.5	-11.0	4.7	4.7	4.7	4.7	4.7	4.7
		-9.5	-10.0	4.8	4.8	4.8	4.8	4.8	4.8
		-8.5	-9.1	4.9	4.9	4.9	4.9	4.9	4.9
		-7.0	-7.6	5.1	5.1	5.1	5.1	5.1	5.1
		-5.0	-5.6	5.3	5.3	5.3	5.3	5.3	5.3
		-3.0	-3.7	5.5	5.5	5.5	5.5	5.5	5.5
		0.0	-0.7	5.9	5.9	5.8	5.8	5.8	5.5
		3.0	2.2	6.2	6.2	6.2	6.1	5.9	5.5
		5.0	4.1	6.4	6.4	6.3	6.1	5.9	5.5
		7.0	6.0	6.6	6.6	6.3	6.1	5.9	5.5
		9.0	7.9	6.8	6.7	6.3	6.1	5.9	5.5
		11.0	9.8	7.0	6.7	6.3	6.1	5.9	5.5
		13.0	11.8	7.1	6.7	6.3	6.1	5.9	5.5
		15.0	13.7	7.1	6.7	6.3	6.1	5.9	5.5
63	8.0	-19.8	-20.0	4.7	4.7	4.7	4.7	4.7	4.7
		-18.8	-19.0	4.9	4.9	4.8	4.8	4.8	4.8
		-16.7	-17.0	5.1	5.1	5.1	5.1	5.1	5.1
		-14.7	-15.0	5.4	5.4	5.4	5.4	5.4	5.4
		-12.6	-13.0	5.7	5.7	5.7	5.7	5.7	5.7
		-10.5	-11.0	6.0	6.0	6.0	6.0	6.0	5.9
		-9.5	-10.0	6.1	6.1	6.1	6.1	6.1	6.1
		-8.5	-9.1	6.3	6.3	6.2	6.2	6.2	6.2
		-7.0	-7.6	6.5	6.5	6.4	6.4	6.4	6.4
		-5.0	-5.6	6.8	6.7	6.7	6.7	6.7	6.7
		-3.0	-3.7	7.0	7.0	7.0	7.0	7.0	7.0
		0.0	-0.7	7.5	7.4	7.4	7.4	7.4	7.0
		3.0	2.2	7.9	7.8	7.8	7.7	7.5	7.0
		5.0	4.1	8.1	8.1	8.0	7.7	7.5	7.0
		7.0	6.0	8.4	8.4	8.0	7.7	7.5	7.0
		9.0	7.9	8.7	8.5	8.0	7.7	7.5	7.0
		11.0	9.8	8.9	8.5	8.0	7.7	7.5	7.0
		13.0	11.8	9.0	8.5	8.0	7.7	7.5	7.0
		15.0	13.7	9.0	8.5	8.0	7.7	7.5	7.0

Unit Size	Nominal capacity	Outdoor air temperature		Indoor air temperature °CDB					
				16.0	18.0	20.0	21.0	22.0	24.0
		°CDB	°CWB	kW	kW	kW	kW	kW	kW
80	10.0	-19.8	-20.0	5.9	5.9	5.9	5.9	5.9	5.8
		-18.8	-19.0	6.1	6.1	6.0	6.0	6.0	6.0
		-16.7	-17.0	6.4	6.4	6.4	6.4	6.4	6.4
		-14.7	-15.0	6.8	6.8	6.8	6.7	6.7	6.7
		-12.6	-13.0	7.1	7.1	7.1	7.1	7.1	7.1
		-10.5	-11.0	7.5	7.5	7.5	7.5	7.4	7.4
		-9.5	-10.0	7.7	7.7	7.6	7.6	7.6	7.6
		-8.5	-9.1	7.8	7.8	7.8	7.8	7.8	7.8
		-7.0	-7.6	8.1	8.1	8.1	8.1	8.0	8.0
		-5.0	-5.6	8.4	8.4	8.4	8.4	8.4	8.4
		-3.0	-3.7	8.8	8.8	8.7	8.7	8.7	8.7
		0.0	-0.7	9.3	9.3	9.3	9.3	9.3	8.7
		3.0	2.2	9.8	9.8	9.8	9.7	9.4	8.7
		5.0	4.1	10.2	10.1	10.0	9.7	9.4	8.7
		7.0	6.0	10.5	10.5	10.0	9.7	9.4	8.7
		9.0	7.9	10.8	10.6	10.0	9.7	9.4	8.7
		11.0	9.8	11.2	10.6	10.0	9.7	9.4	8.7
		13.0	11.8	11.3	10.6	10.0	9.7	9.4	8.7
		15.0	13.7	11.3	10.6	10.0	9.7	9.4	8.7
100	12.5	-19.8	-20.0	7.4	7.4	7.3	7.3	7.3	7.3
		-18.8	-19.0	7.6	7.6	7.6	7.5	7.5	7.5
		-16.7	-17.0	8.0	8.0	8.0	8.0	8.0	8.0
		-14.7	-15.0	8.5	8.5	8.4	8.4	8.4	8.4
		-12.6	-13.0	8.9	8.9	8.9	8.9	8.9	8.8
		-10.5	-11.0	9.4	9.3	9.3	9.3	9.3	9.3
		-9.5	-10.0	9.6	9.6	9.5	9.5	9.5	9.5
		-8.5	-9.1	9.8	9.8	9.7	9.7	9.7	9.7
		-7.0	-7.6	10.1	10.1	10.1	10.1	10.1	10.0
		-5.0	-5.6	10.6	10.5	10.5	10.5	10.5	10.5
		-3.0	-3.7	11.0	11.0	10.9	10.9	10.9	10.9
		0.0	-0.7	11.6	11.6	11.6	11.6	11.6	10.9
		3.0	2.2	12.3	12.3	12.2	12.1	11.7	10.9
		5.0	4.1	12.7	12.7	12.5	12.1	11.7	10.9
		7.0	6.0	13.1	13.1	12.5	12.1	11.7	10.9
		9.0	7.9	13.5	13.3	12.5	12.1	11.7	10.9
		11.0	9.8	14.0	13.3	12.5	12.1	11.7	10.9
		13.0	11.8	14.1	13.3	12.5	12.1	11.7	10.9
		15.0	13.7	14.1	13.3	12.5	12.1	11.7	10.9
125	16.0	-19.8	-20.0	9.4	9.4	9.4	9.4	9.4	9.3
		-18.8	-19.0	9.7	9.7	9.7	9.7	9.6	9.6
		-16.7	-17.0	10.3	10.3	10.2	10.2	10.2	10.2
		-14.7	-15.0	10.9	10.8	10.8	10.8	10.8	10.7
		-12.6	-13.0	11.4	11.4	11.4	11.4	11.3	11.3
		-10.5	-11.0	12.0	12.0	11.9	11.9	11.9	11.9
		-9.5	-10.0	12.3	12.2	12.2	12.2	12.2	12.2
		-8.5	-9.1	12.5	12.5	12.5	12.5	12.4	12.4
		-7.0	-7.6	13.0	12.9	12.9	12.9	12.9	12.8
		-5.0	-5.6	13.5	13.5	13.5	13.4	13.4	13.4
		-3.0	-3.7	14.1	14.0	14.0	14.0	14.0	13.9
		0.0	-0.7	14.9	14.9	14.8	14.8	14.8	13.9
		3.0	2.2	15.7	15.7	15.7	15.5	15.0	13.9
		5.0	4.1	16.3	16.2	16.0	15.5	15.0	13.9
		7.0	6.0	16.8	16.8	16.0	15.5	15.0	13.9
		9.0	7.9	17.3	17.0	16.0	15.5	15.0	13.9
		11.0	9.8	17.9	17.0	16.0	15.5	15.0	13.9
		13.0	11.8	18.1	17.0	16.0	15.5	15.0	13.9
		15.0	13.7	18.1	17.0	16.0	15.5	15.0	13.9

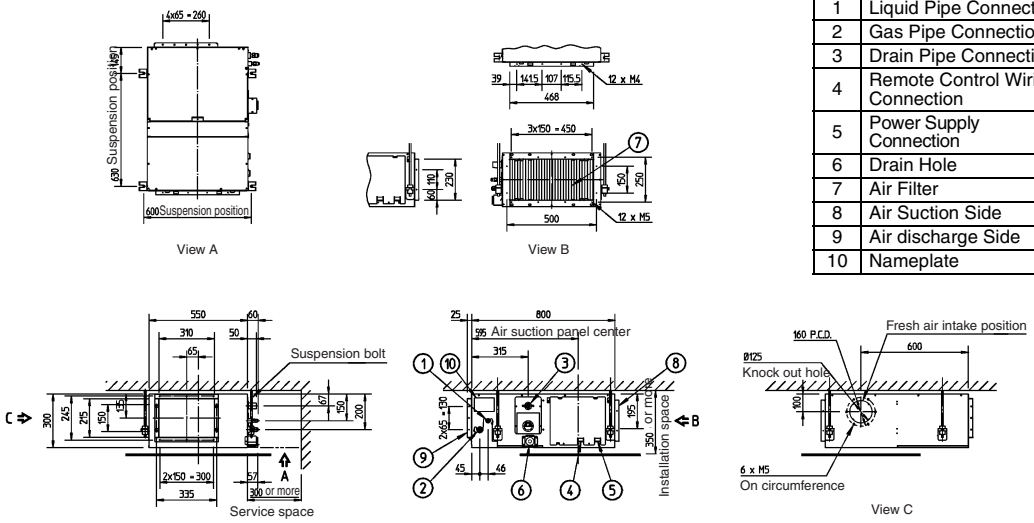
3TW25512-2

8

6. Dimensions

6.1 Dimensional Drawings

S-20-32FM3HPQ



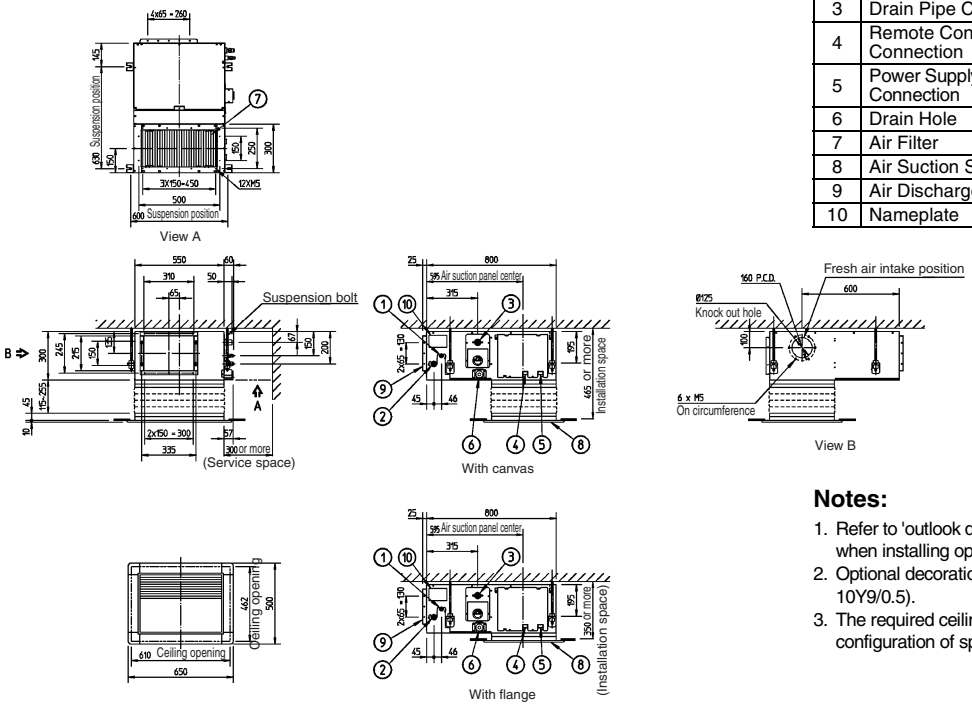
Nr.	Name	Description
1	Liquid Pipe Connection	ϕ6.4 Flare Connection
2	Gas Pipe Connection	ϕ12.7 Flare Connection
3	Drain Pipe Connection	VP25 (O.D. ϕ32, I.D. ϕ25)
4	Remote Control Wiring Connection	
5	Power Supply Connection	
6	Drain Hole	VP25 (O.D. ϕ32, I.D. ϕ25)
7	Air Filter	
8	Air Suction Side	
9	Air discharge Side	
10	Nameplate	

Notes:

1. Refer to 'outlook drawing for installing optional accessories' when installing optional accessories.
2. The required ceiling depth varies according to the configuration of the specific system.
3. For maintenance of the air filter it is necessary to provide a service access panel according to the installation method. (Refer to the 'filter installation method' drawing).

3TW25684-1

WITH CANVAS



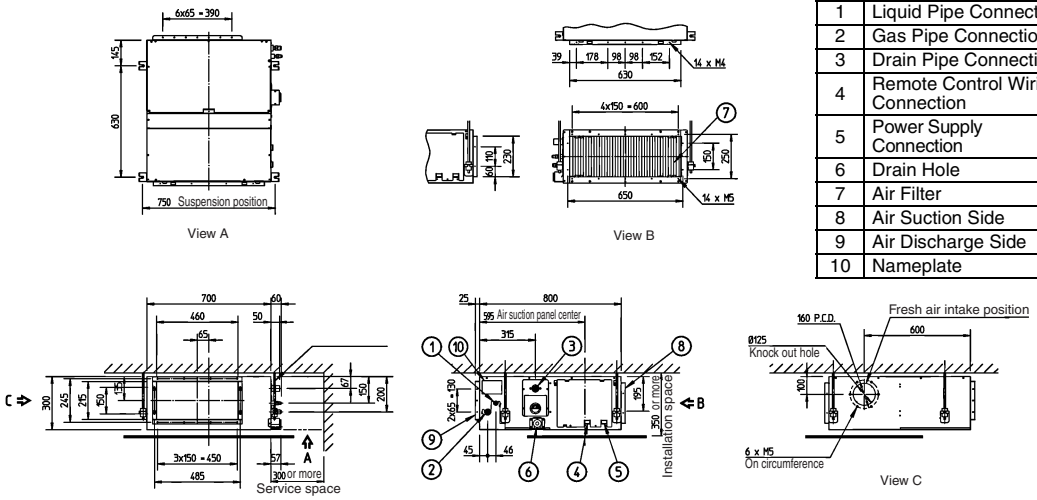
Nr.	Name	Description
1	Liquid Pipe Connection	ϕ6.4 Flare Connection
2	Gas Pipe Connection	ϕ12.7 Flare Connection
3	Drain Pipe Connection	VP25 (O.D. ϕ32, I.D. ϕ25)
4	Remote Control Wiring Connection	
5	Power Supply Connection	
6	Drain Hole	VP25 (O.D. ϕ32, I.D. ϕ25)
7	Air Filter	
8	Air Suction Side	
9	Air Discharge Side	
10	Nameplate	

Notes:

1. Refer to 'outlook drawing for installing optional accessories' when installing optional accessories.
2. Optional decoration panel: CZ-01HPF11P (light ivory white 10Y9/0.5).
3. The required ceiling depth varies according to the configuration of specific system.

3TW25684-2

S-40, 50FM3HPQ



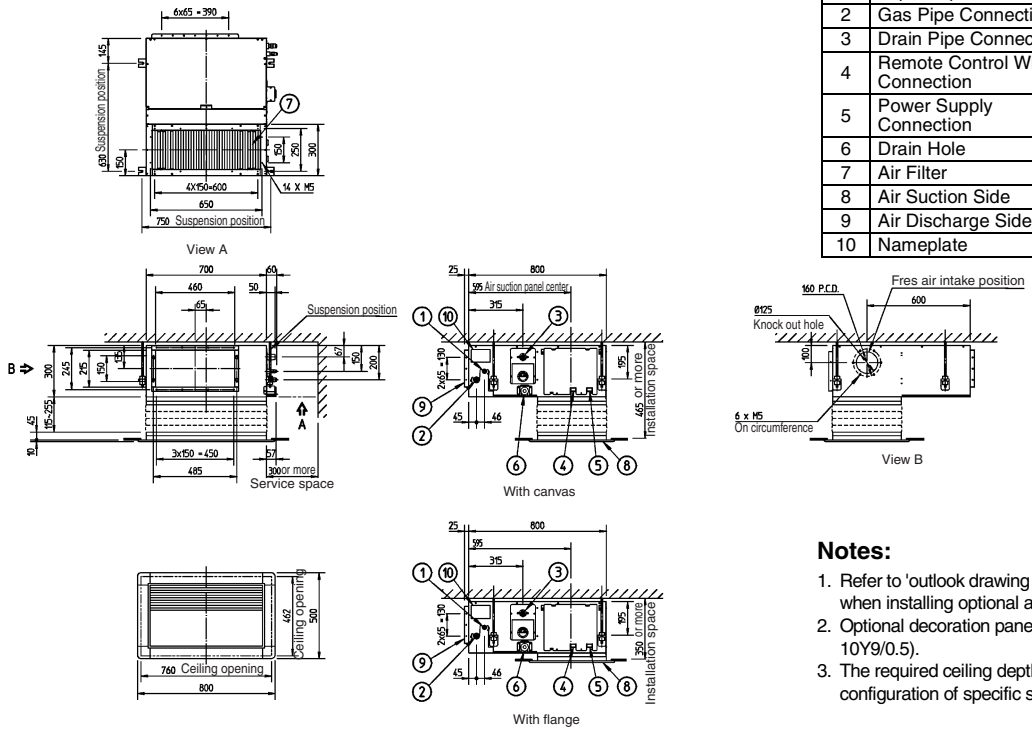
Nr.	Name	Description
1	Liquid Pipe Connection	ϕ6.4 Flare Connection
2	Gas Pipe Connection	ϕ12.7 Flare Connection
3	Drain Pipe Connection	VP25 (O.D. ϕ32, I.D. ϕ25)
4	Remote Control Wiring Connection	
5	Power Supply Connection	
6	Drain Hole	VP25 (O.D. ϕ32, I.D. ϕ25)
7	Air Filter	
8	Air Suction Side	
9	Air Discharge Side	
10	Nameplate	

Notes:

1. Refer to 'outlook drawing for installing optional accessories' when installing optional accessories.
2. The required ceiling depth varies according to the configuration of the specific system.
3. For maintenance of the air filter it is necessary to provide a service access panel according to the installation method. (Refer to the 'filter installation method' drawing).

3TW25714-1

WITH CANVAS



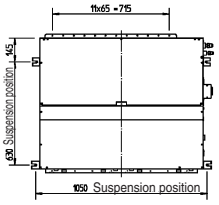
Nr.	Name	Description
1	Liquid Pipe Connection	ϕ6.4 Flare Connection
2	Gas Pipe Connection	ϕ12.7 Flare Connection
3	Drain Pipe Connection	VP25 (O.D. ϕ32, I.D. ϕ25)
4	Remote Control Wiring Connection	
5	Power Supply Connection	
6	Drain Hole	VP25 (O.D. ϕ32, I.D. ϕ25)
7	Air Filter	
8	Air Suction Side	
9	Air Discharge Side	
10	Nameplate	

Notes:

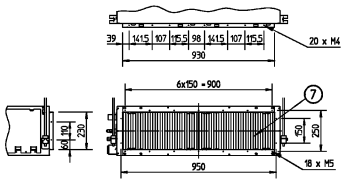
1. Refer to 'outlook drawing for installing optional accessories' when installing optional accessories.
2. Optional decoration panel: CZ-02HPF11P (light ivory white 10Y9/0.5).
3. The required ceiling depth varies according to the configuration of specific system.

3TW25714-2

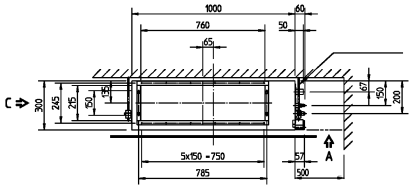
S-63FM3HPQ

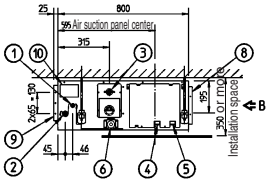


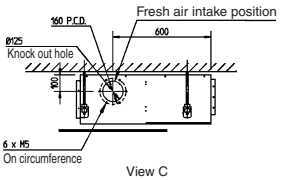
View A



View B







View C

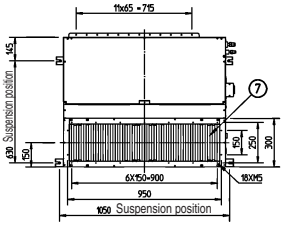
Nr.	Name	Description
1	Liquid Pipe Connection	ϕ9.5 Flare Connection
2	Gas Pipe Connection	ϕ15.9 Flare Connection
3	Drain Pipe Connection	VP25 (O.D. ϕ32, I.D. ϕ25)
4	Remote Control Wiring Connection	
5	Power Supply Connection	
6	Drain Hole	VP25 (O.D. ϕ32, I.D. ϕ25)
7	Air Filter	
8	Air Suction Side	
9	Air Discharge Side	
10	Nameplate	

Notes:

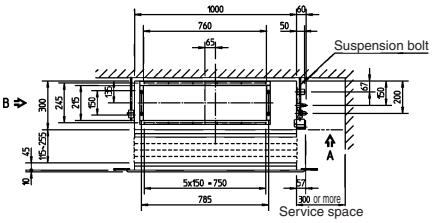
1. Refer to 'outlook drawing for installing optional accessories' when installing optional accessories.
2. The required ceiling depth varies according to the configuration of the specific system.
3. For maintenance of the air filter it is necessary to provide a service access panel according to the installation method. (Refer to the 'filter installation method' drawing).

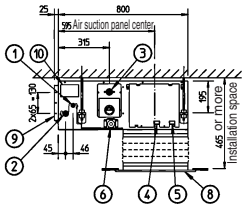
3TW25734-1

WITH CANVAS

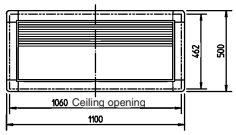


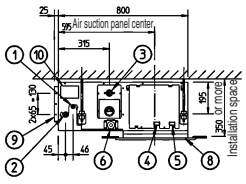
View A



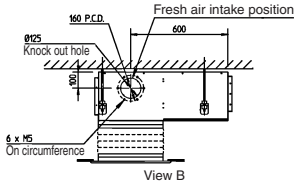


With canvas





With flange



View B

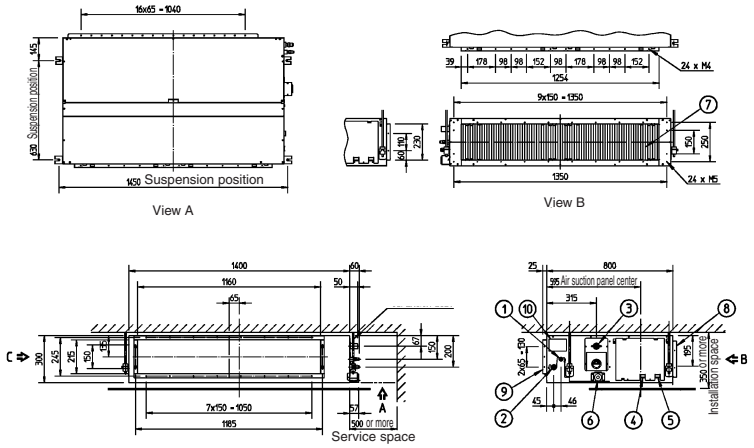
Nr.	Name	Description
1	Liquid Pipe Connection	ϕ9.5 Flare Connection
2	Gas Pipe Connection	ϕ15.9 Flare Connection
3	Drain Pipe Connection	VP25 (O.D. ϕ32, I.D. ϕ25)
4	Remote Control Wiring Connection	
5	Power Supply Connection	
6	Drain Hole	VP25 (O.D. ϕ32, I.D. ϕ25)
7	Air Filter	
8	Air Suction Side	
9	Air Discharge Side	
10	Nameplate	

Notes:

1. Refer to 'outlook drawing for installing optional accessories' when installing optional accessories.
2. Optional decoration panel: CZ-03HPF11P (light ivory white 10Y9/0.5).
3. The required ceiling depth varies according to the configuration of specific system.

3TW25734-2

S-80,100,125FM3HPQ



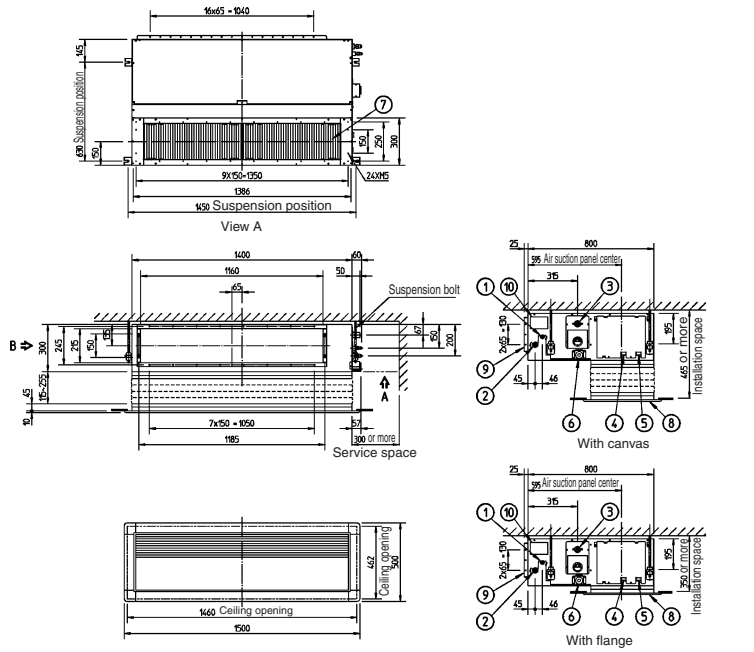
Nr.	Name	Description
1	Liquid Pipe Connection	ϕ9.5 Flare Connection
2	Gas Pipe Connection	ϕ15.9 Flare Connection
3	Drain Pipe Connection	VP25 (O.D. ϕ32, I.D. ϕ25)
4	Remote Control Wiring Connection	
5	Power Supply Connection	
6	Drain Hole	VP25 (O.D. ϕ32, I.D. ϕ25)
7	Air Filter	
8	Air Suction Side	
9	Air Discharge Side	
10	Nameplate	

Notes:

1. Refer to 'outlook drawing for installing optional accessories' when installing optional accessories.
2. The required ceiling depth varies according to the configuration of the specific system.
3. For maintenance of the air filter it is necessary to provide a service access panel according to the installation method. Refer to the 'filter installation method' drawing).

3TW25744-1

WITH CANVAS



Nr.	Name	Description
1	Liquid Pipe Connection	ϕ9.5 Flare Connection
2	Gas Pipe Connection	ϕ15.9 Flare Connection
3	Drain Pipe Connection	VP25 (O.D. ϕ32, I.D. ϕ25)
4	Remote Control Wiring Connection	
5	Power Supply Connection	
6	Drain Hole	VP25 (O.D. ϕ32, I.D. ϕ25)
7	Air Filter	
8	Air Suction Side	
9	Air Discharge Side	
10	Nameplate	

Notes:

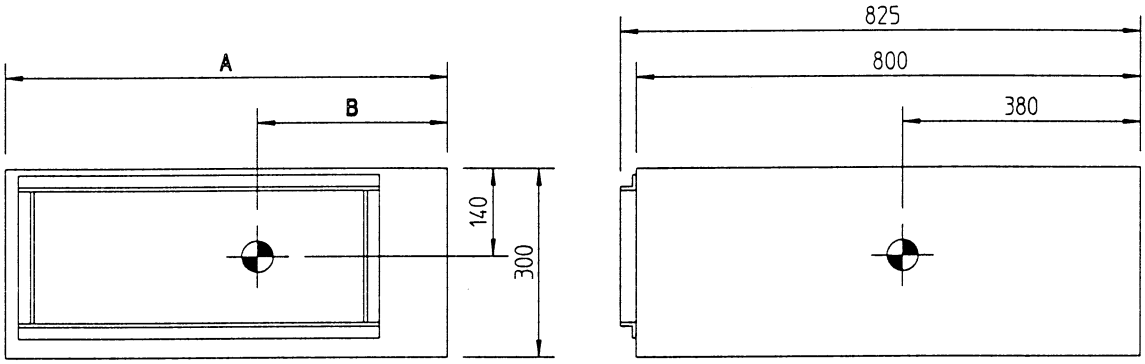
1. Refer to 'outlook drawing for installing optional accessories' when installing optional accessories.
2. Optional decoration panel: CZ-06HPF11P (light ivory white 10Y9/0.5).
3. The required ceiling depth varies according to the configuration of specific system.

3TW25744-2

8

6.2 Centre of Gravity

S-FM3HPQ

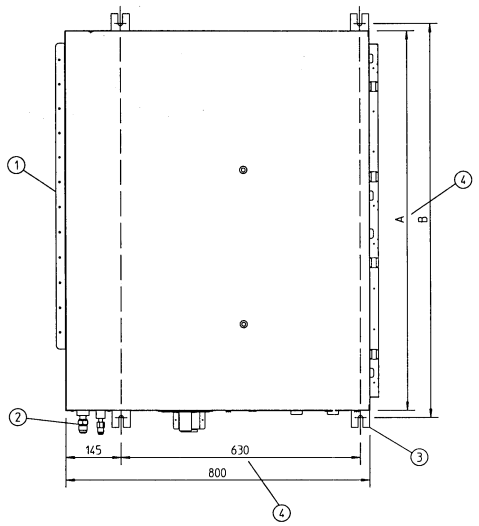


Model	A	B
S-20,25,32FM3HPQ	550	250
S-40,50FM3HPQ	700	300
S-63FM3HPQ	1,000	460
S-80,100,125FM3HPQ	1,400	640

4TW25689-2

6.3 Bolt Pitch

S-FM3HPQ



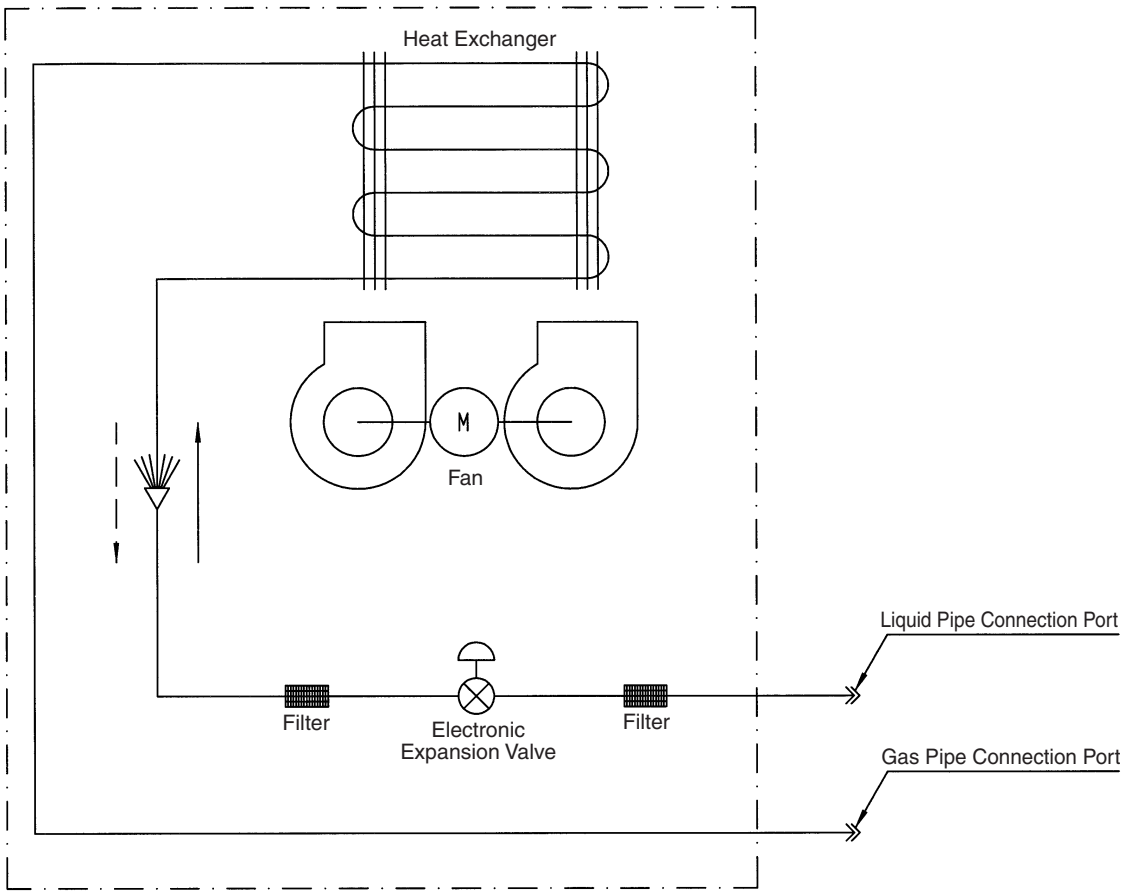
Number	Description
1	Indoor Unit Body
2	Pipe Connections
3	Suspension Bolt Pitch (4x)
4	Suspension Bolt Pitch Distance

Model	A	B
S-20,25,32FM3HPQ	550	600
S-40,50FM3HPQ	700	750
S-63FM3HPQ	1,000	1,050
S-80,100,125FM3HPQ	1,400	1,450

3TW22043-6B

7. Piping Diagram

S-FM3HPQ



Refrigerant Flow

Cooling ——→
Heating - - - - →

Piping Connection Diameters

Model	Gas	Liquid
S-20,25,32,40,50FM3HPQ	ϕ12.7	ϕ6.4
S-63,80,100,125FM3HPQ	ϕ15.9	ϕ9.5

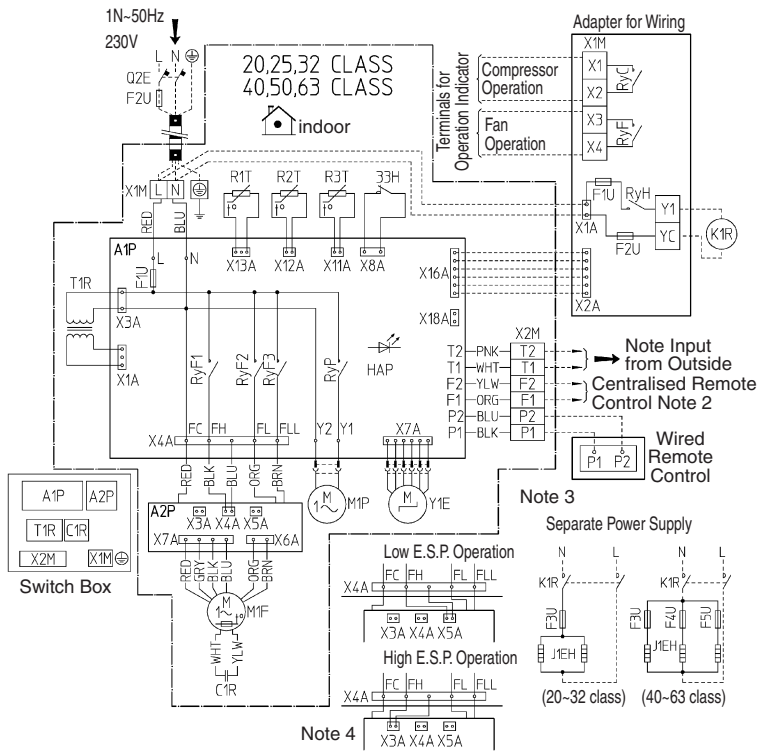
Check Valve
Flare Connection
Screw Connection
Flange Connection
Pinched Pipe
Spinned Pipe

3TW21175-1C

8

8. Wiring Diagrams

S-20,25,32,40,50,63FM3HPQ



33H	Float Switch	R2T, R3T	Thermistor (Refrigerant)	Wiring Adapter	
A1P	Printed Circuit Board	RyF1-3	Magnetic Relay (Fan)	RyC, RyF	Magnetic Relay
A2P	Terminal Board	RyP	Magnetic Relay (Drain Pump)	RyH	Magnetic Relay (J1EH)
C1R	Capacitor (Fan)	T1R	Transformer (220-240V/22V)	F1U, F2U	Fuse (250V, 5A)
F1U	Fuse (250V, 10A)	X1M	Terminal Strip (Power)	X1A, X2A	Connector (Wiring Adapter)
F2U	Field Fuse	X2M	Terminal Strip (Control)	X1M	Terminal Strip
HAP	Light Emitting Diode (Service Monitor-Green)	Y1E	Electronic Expansion Valve	Connector for Optional Parts	
M1F	Motor (Fan)	Optional Parts		X16A	Connector (Wiring Adapter)
M1P	Motor (Drain Pump)	F3-5U	Fuse (250V, 16A)	X18A	Connector (Wiring Adapter for Electrical Appendices)
Q2E	Earth Leak Detector	J1EH	Electric Heater		
R1T	Thermistor (Air)	K1R	Magnetic Relay (J1EH)		

: Terminal
: Connector
: Field Wiring

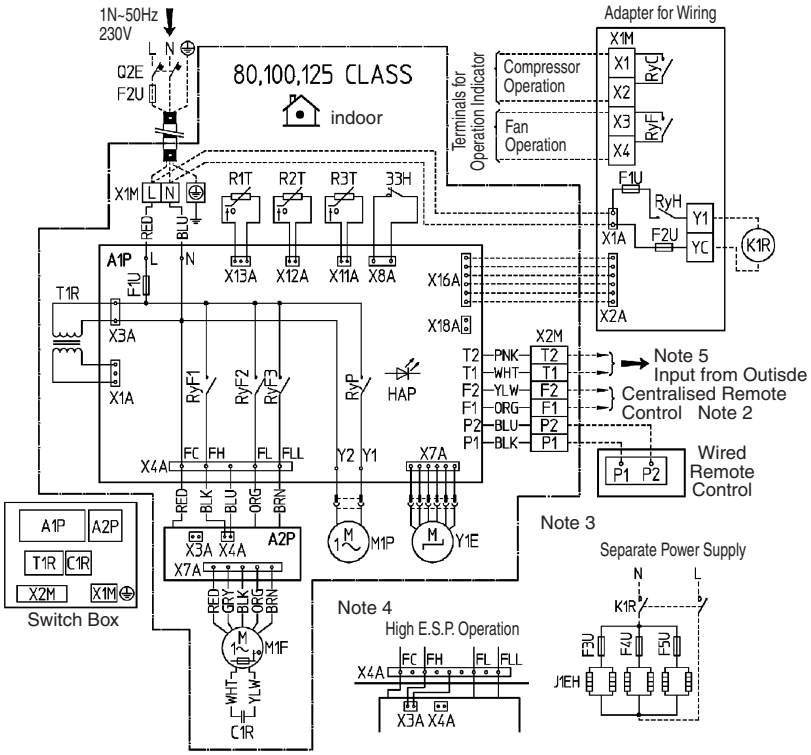
COLORS : BLK : Black PNK : Pink
BLU : Blue RED : Red
BRN : Brown WHT : White
ORG : Orange YLW : Yellow

Notes:

1. Use copper conductors only.
2. When using the centralized remote control, see manual for connection to the unit.
3. When installing the electric heater, change the wiring for the heater circuit. The main power supply has to be supplied independently.
4. For high or low E.S.P. operation, change the wiring connection of X4A as shown on the wiring diagram.
5. When connecting the input wires from outside, 'forced off' or 'ON/OFF' control operation can be selected by the remote control manual. See installation manual for more details.

2TW23686-1A

S-80,100,125FM3HPQ



33H	Float Switch	R2T, R3T	Thermistor (Refrigerant)	Wiring Adapter	
A1P	Printed Circuit Board	RyF1-3	Magnetic relay (Fan)	RyC, RyF	Magnetic Relay
A2P	Terminal Board	RyP	Magnetic Relay (Drain Pump)	RyH	Magnetic Relay (J1EH)
C1R	Capacitor (Fan)	T1R	Transformer (220-27V)	F1U, F2U	Fuse (250V, 5A)
F1U	Fuse (250V, 10A)	X1M	Terminal Strip (Power)	X1A, X2A	Connector (Wiring Adapter)
F2U	Field Fuse	X2M	Terminal Strip (Control)	X1M	Terminal Strip
HAP	Light Emitting Diode (Service Monitor-Green)	Y1E	Electronic Expansion Valve	Connector for Optional Parts	
M1F	Motor (Fan)	Optional Parts		X16A	Connector (Wiring Adapter)
M1P	Motor (Drain Pump)	F3-5U	Fuse (250V, 16A)	X18A	Connector (Wiring Adapter for Electrical Appendices)
Q2E	Earth Leak Detector	J1EH	Electric Heater		
R1T	Thermistor (Air)	K1R	Magnetic Relay (J1EH)		

: Terminal
: Connector
: Field Wiring

COLORS : BLK : Black PNK : Pink
BLU : Blue RED : Red
BRN : Brown WHT : White
ORG : Orange YLW : Yellow

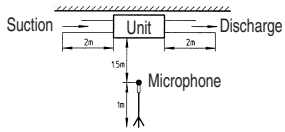
Notes:

1. Use copper conductors only.
2. When using the centralized remote control, see manual for connection to the unit.
3. When installing the electric heater, change the wiring for the heater circuit. The main power supply has to be supplied independently.
4. For high or low E.S.P. operation, change the wiring connection of X4A as shown on the wiring diagram.
5. When connecting the input wires from outside, forced off or ON/OFF control operation can be selected by the remote control manual. See installation manual for more details.

2TW23736-1A

9. Sound Level

9.1 Sound Level Data

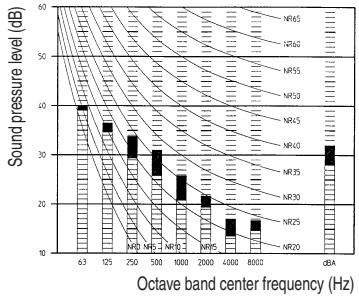
Model	Sound Pressure Level - 230V			Sound Power Level
	H	L	Measuring Location	
S-20FM3HPQ	32	28		50
S-25FM3HPQ	32	28		50
S-32FM3HPQ	33	28		51
S-40FM3HPQ	33	29		56
S-50FM3HPQ	35	31		58
S-63FM3HPQ	35	30		56
S-80FM3HPQ	37	31		55
S-100FM3HPQ	38	33		56
S-125FM3HPQ	40	35		65

Notes:

1. Data is valid at free field condition.
2. Data is valid at nominal operation condition (230V)
3. dBA = A-weighted sound pressure level (A-scale according to IEC).
4. Reference acoustic pressure 0 dB = 20 µPa.

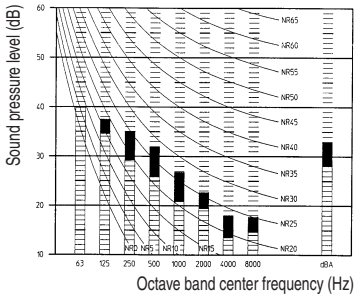
9.2 Sound Pressure Spectrum

S-20,25FM3HPQ



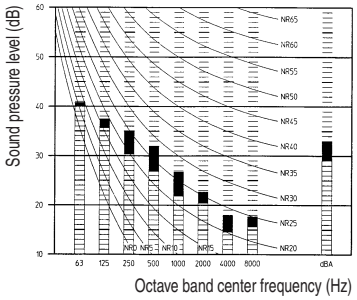
3TW22417-1

S-32FM3HPQ



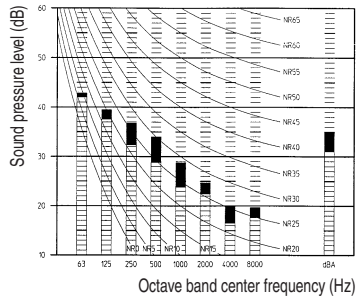
3TW22437-1

S-40FM3HPQ



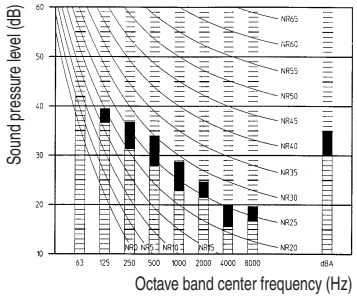
3TW22447-1

S-50FM3HPQ



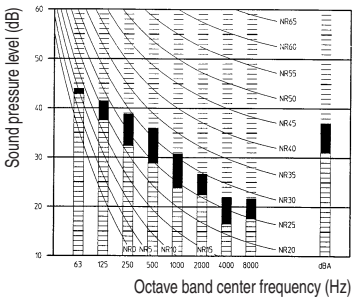
3TW22457-1

S-63FM3HPQ



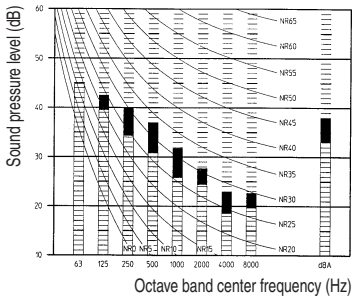
3TW22467-1

S-80FM3HPQ



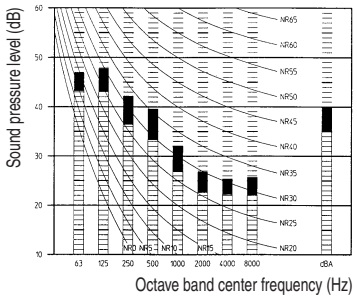
3TW22477-1

S-100FM3HPQ



3TW22487-1

S-125FM3HPQ



3TW22497-1

Legend

: High speed

: Low speed

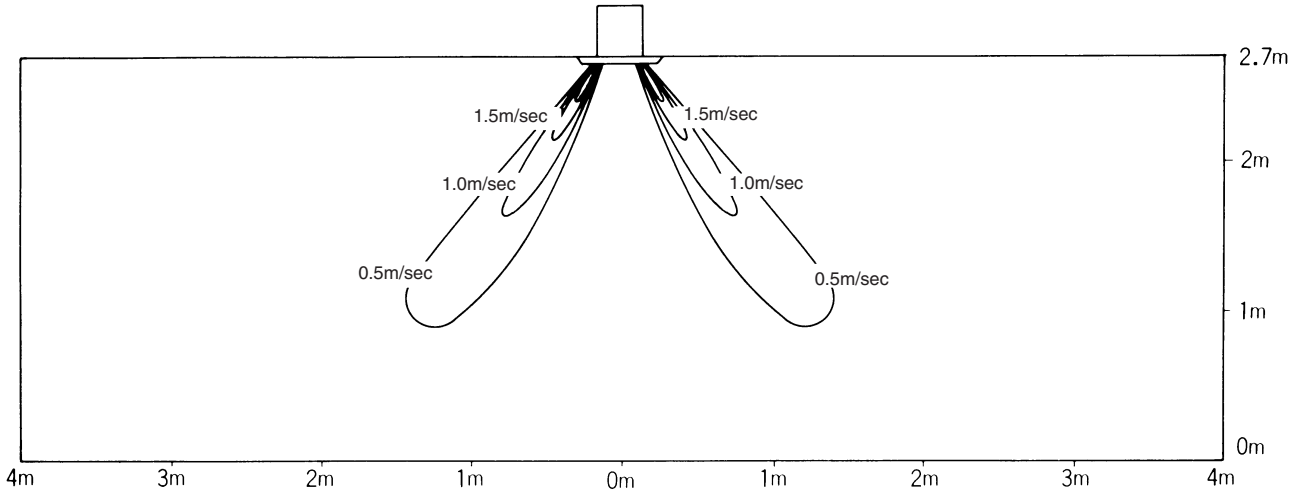
8

10. Air Flow Pattern & Fan Characteristics

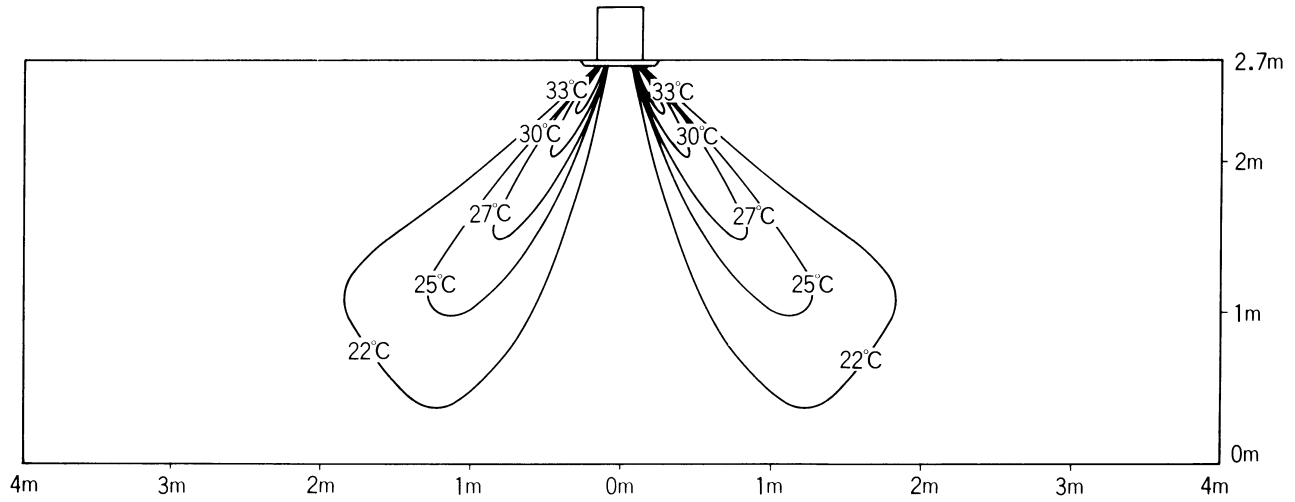
10.1 Air Flow Pattern

S-63FM3HPQ

Heating Air velocity distribution
9m^3/min flow rate blow unit (KDGS90D9) used

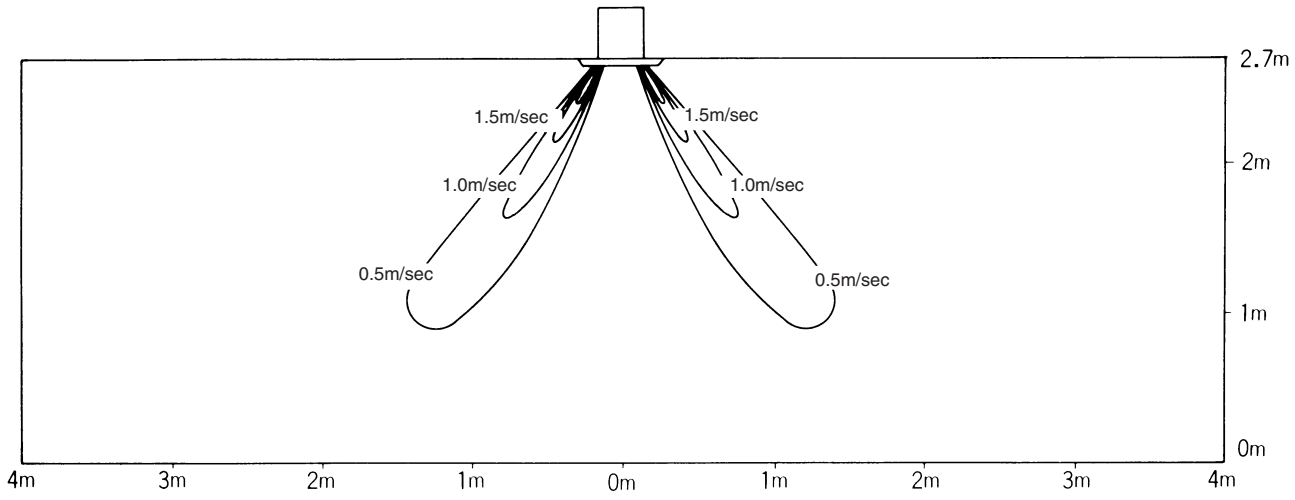


Heating Temperature distribution
9m^3/min flow rate blow unit (KDGS90D9) used

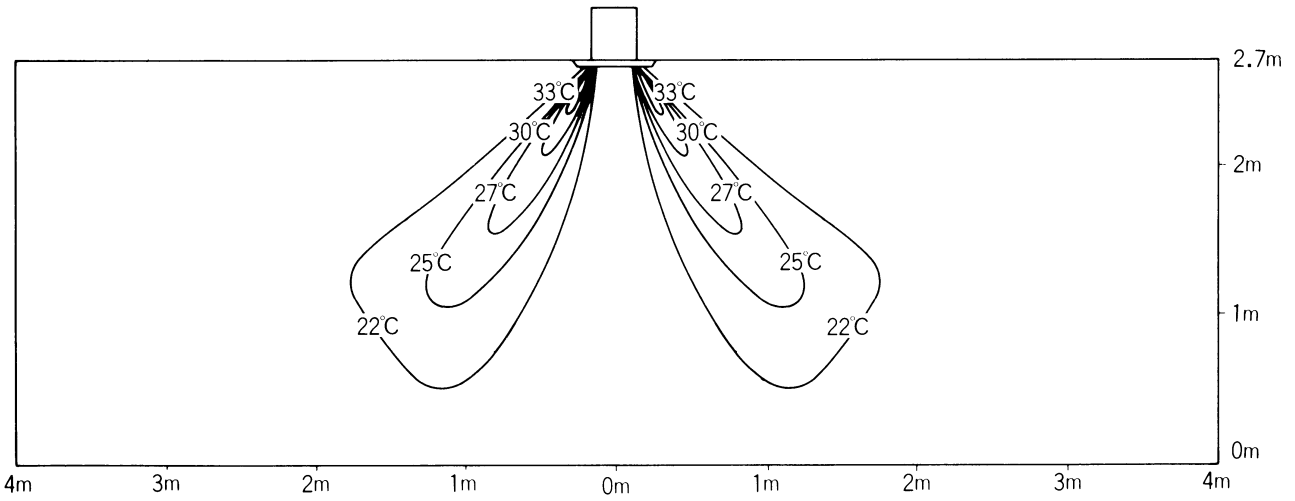


S-125FM3HPQ

Heating Air velocity distribution
9m^3/min flow rate blow unit (KDGS90D9) used



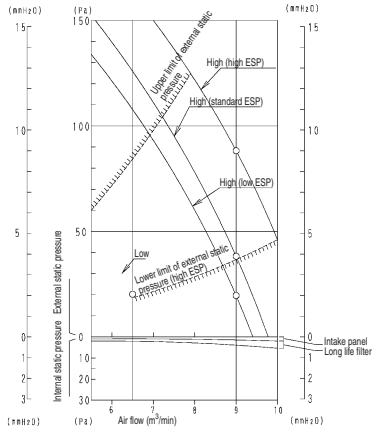
Heating Temperature distribution
9m^3/min flow rate blow unit (KDGS90D9) used



8

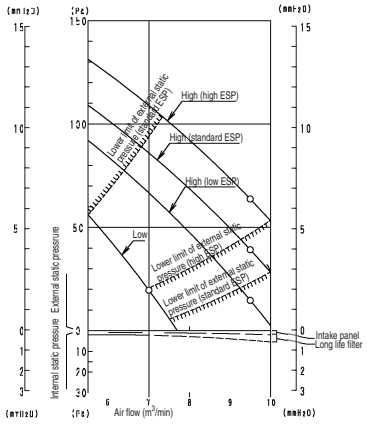
10.2 Fan Characteristics

S-20,25FM3HPQ



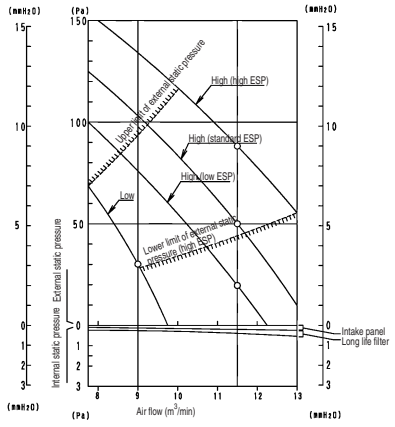
3D036959

S-32FM3HPQ



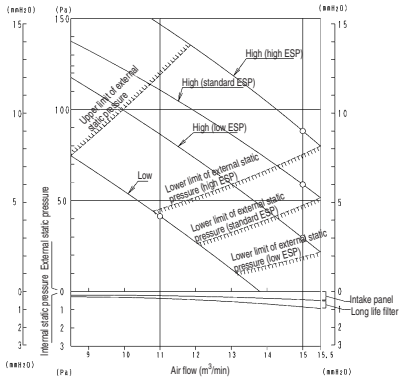
3D036960

S-40FM3HPQ



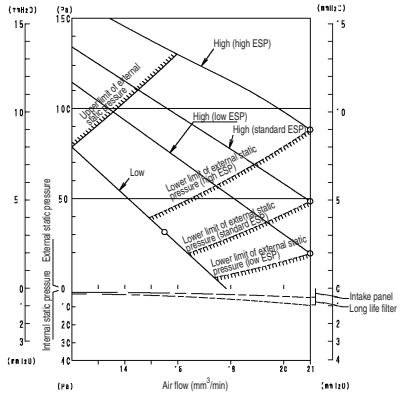
3D036961

S-50FM3HPQ



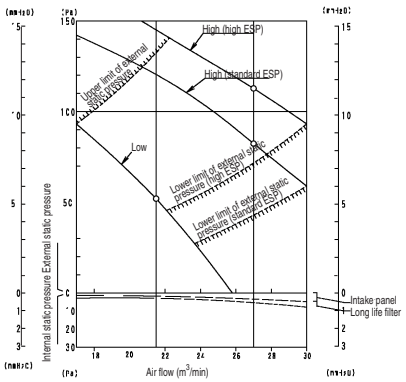
3D036962

S-63FM3HPQ



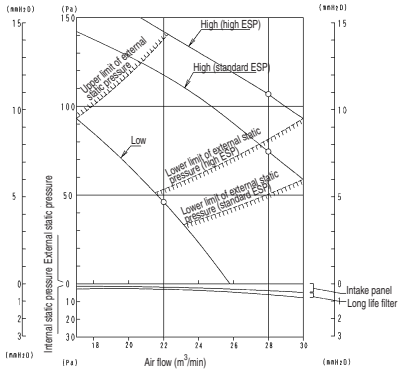
3D036963

S-80FM3HPQ



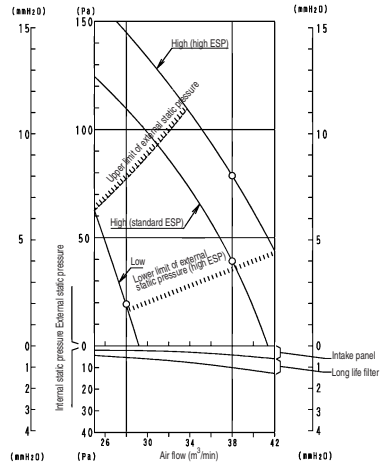
3D036964

S-100FM3HPQ



3D036965

S-125FM3HPQ



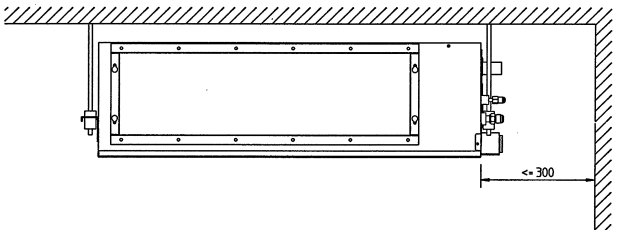
3D036966

Notes:

1. The remote control can be used to switch between “high” and “low”.
2. The air flow is set to “standard” before leaving the factory. It is possible to switch between “standard ESP” and “high ESP” by changing the terminals in the indoor unit electrical box.
3. The internal static pressure indicates the characteristics of the fan when a suction panel (optional accessory) and a canvas for the suction panel (optional accessories) are incorporated into the main unit (with a long-life filter)

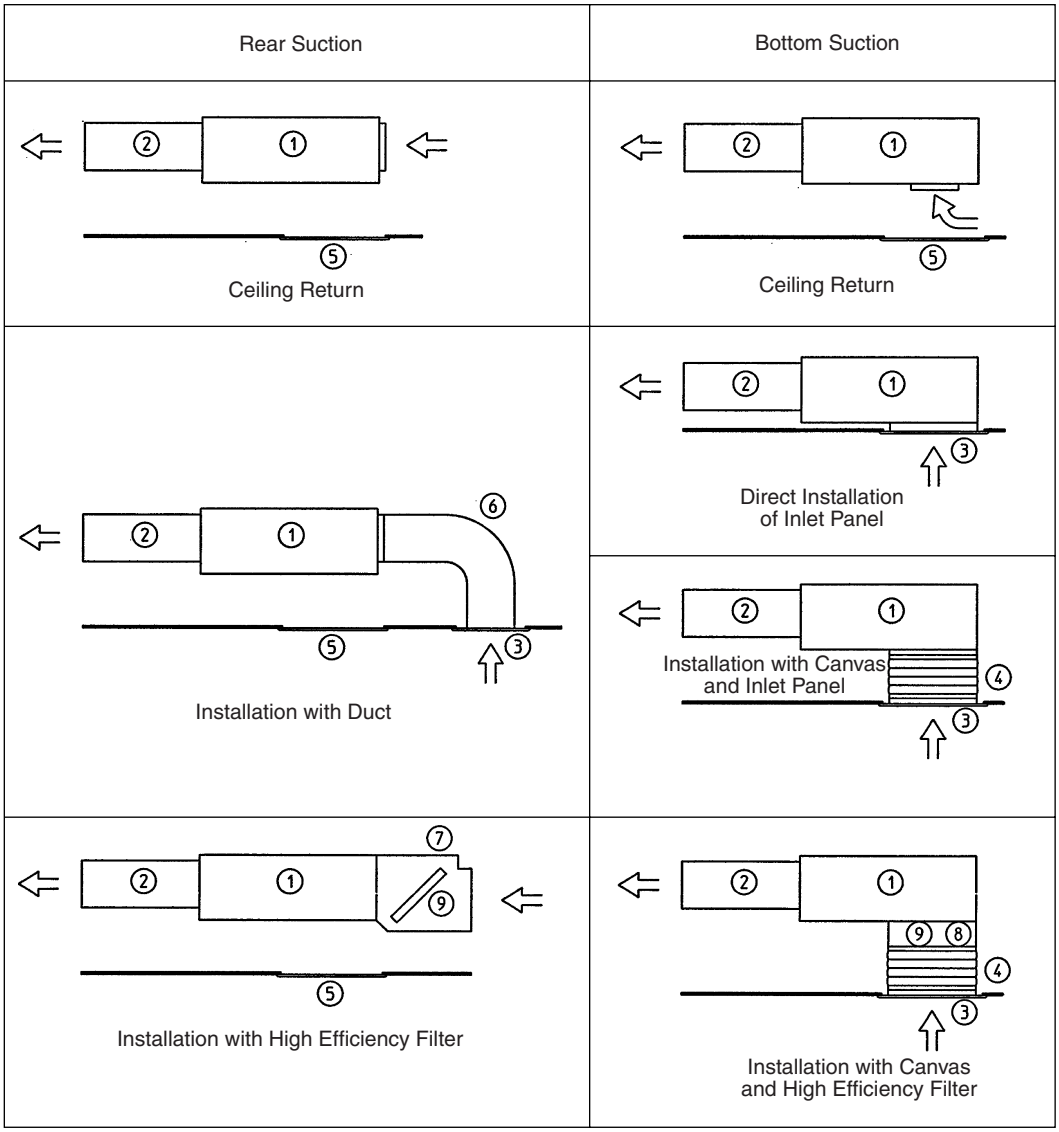
11. Installation

11.1 Service Space



3TW22043-6B

11.2 Installation Methods

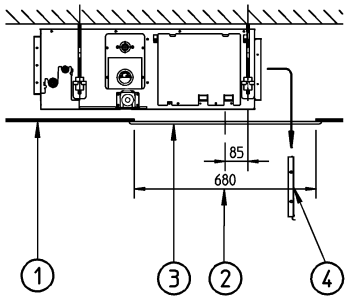


3TW22043-4A

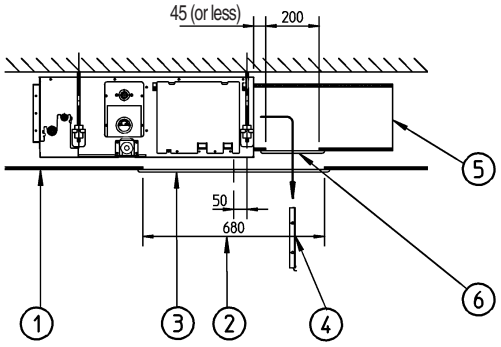
Nr.	Name	Description
1	Main Body	
2	Air Outlet Duct	Field Supply
3	Inlet Panel	Optional Accessory
4	Air Suction Canvas	Optional Accessory
5	Access Panel	Optional Accessory
6	Air Inlet Duct	Field Supply
7	Filter Chamber for Rear Suction	Optional Accessory
8	Filter Chamber for Bottom Suction	Optional Accessory
9	High Efficiency Filter	Optional Accessory

8

11.3 Filter Installation Method

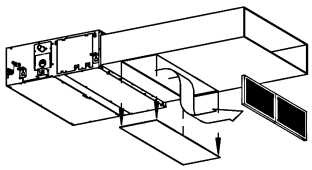


Installation without Duct



Installation with Duct

Number	Description
1	False Ceiling
2	Ceiling Opening
3	Service Access Panel (Optional)
4	Air Filter
5	Air Inlet Duct
6	Duct Service Opening



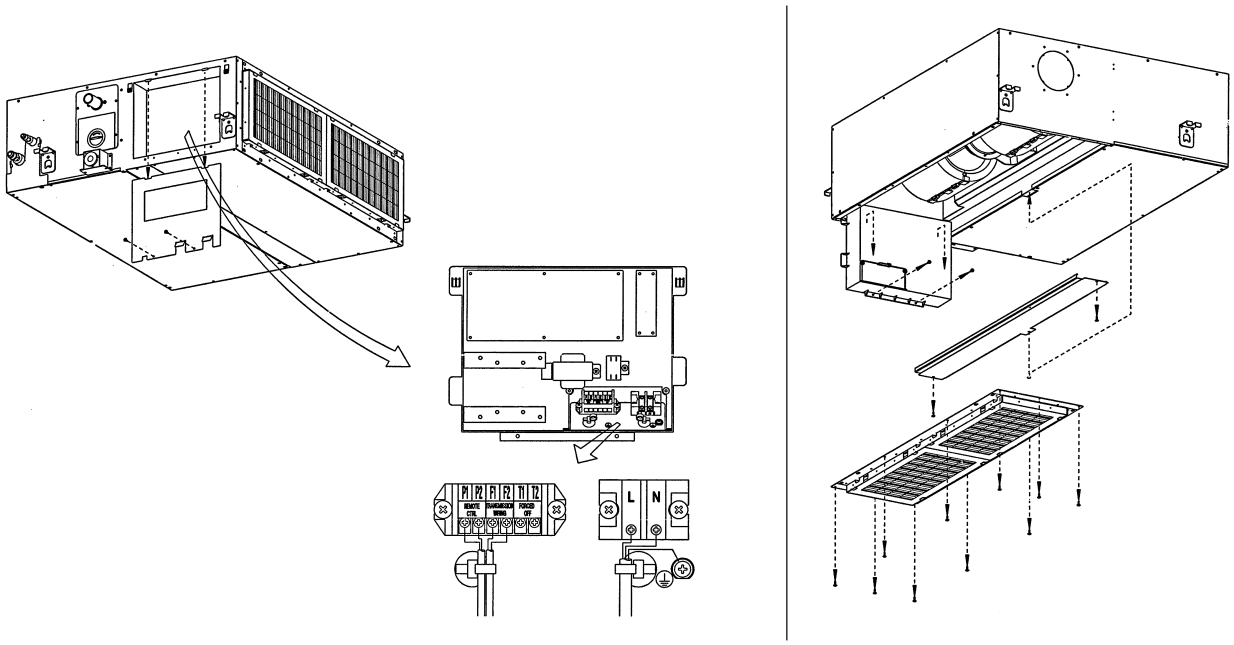
Notes:

1. When installing the unit with rear suction, a service opening is necessary for the maintenance of the air filters.
2. When installing the unit with a suction duct, a service opening must be provided in the duct.
3. An optional service access panel is available.

Model	Service Access Panel
S-20,25,32FM3HPQ	KTBJ25K36W
S-40,50FM3HPQ	KTBJ25K56W
S-63FM3HPQ	KTBJ25K80W
S-80,125FM3HPQ	KTBJ25K160W

3TW25684-3

11.4 Switch Box Connections

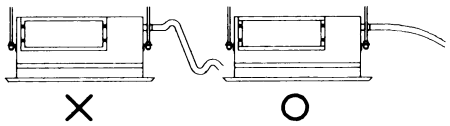


3TW22043-5B

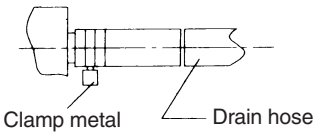
11.5 Drain Piping

11.5.1 Install the Drain Pipes

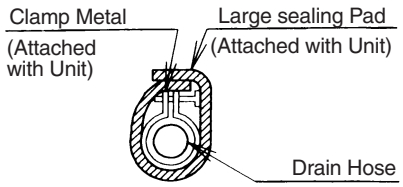
- Keep piping as short as possible and slope it downwards so that air may not remain trapped inside the pipe.
- Keep pipe size equal to or greater than that of the connecting pipe (Vinyl pipe of 25mm nominal diameter and 32mm outer diameter)



- Use the attached drain hose and clamp. Tighten the clamp firmly.



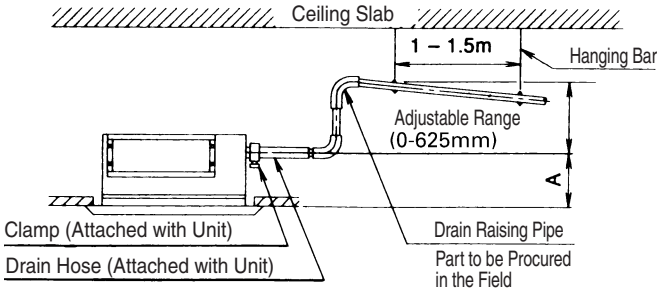
- Insulate the clamp with the attached sealing pad.



- Insulate the drain hose inside the building.

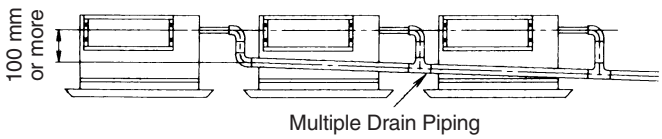
How to Install Piping

1. Connect the drain hose to the drain raising pipes, and insulate them.
2. Connect the drain hose to the drain outlet on the indoor unit, and tighten it with the clamp.
3. Insulate both metal clamp and drain hose with the attached sealing pad.



	A
When canvas duct is installed	350 - 530
When air inlet panel is directly installed	275

- To ensure a downward slope of 1:100, install hanging bars every 1 to 1.5m.
- If unifying multiple drain pipes, install pipes according to this drawing.

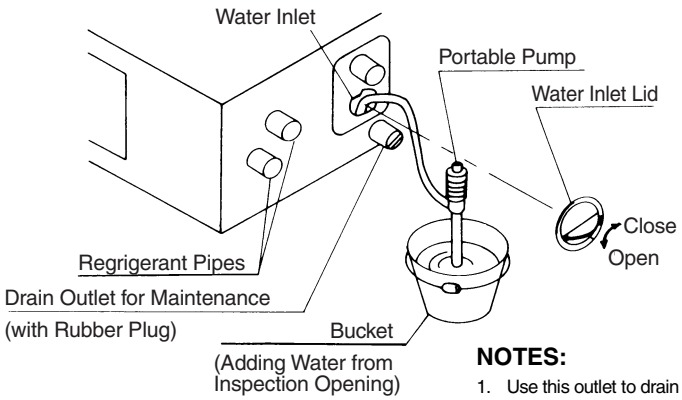


Multiple Drain Piping

8

11.5.2 After Piping Work is Finished, Check If Drainage Flows Smoothly

- Open the water inlet lid, add approximately 1,000cc of water gradually and check drainage flow.



NOTES:

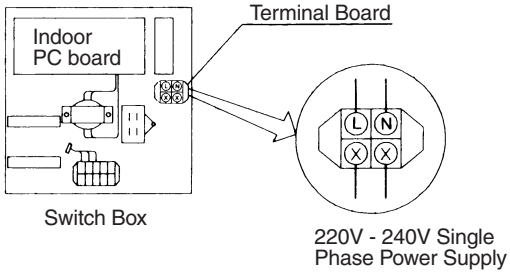
1. Use this outlet to drain water from the drain pan.

11.5.3 When Electric Wiring Work is Finished

- Check drainage flow during COOL running.

11.5.4 When Electric Wiring Work is not Finished

- Remove the electric parts box lid, connect a power supply and remote control to the terminals. (See installation manual) Next, press the inspection/test operation button " TEST " on the remote control. The unit will engage the test operation mode. Press the operation mode selector button " " until selecting FAN operation " ". Then, press the ON/OFF button " ". The indoor unit fan and drain pump will start up. Check that the water has drained from the unit. Press " TEST " to go back to the first mode.



S-EM3HPS
Ducted Type

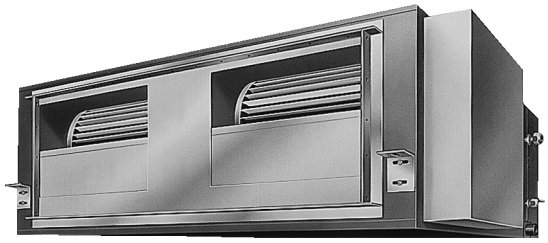
1. Features 488
2. Specifications 489
2.1 Technical Specifications 489
2.2 Electrical Specifications 490
2.3 Safety Device Settings 490
3. Accessories 491
3.1 Drain Pump Kit 492
3.2 High Efficiency Filter 494
3.3 Replacement Long Life Filter 496
4. Control Systems 497
4.1 Individual Control Systems 497
4.2 Centralized Control Systems 497
4.3 Others 497
5. Capacity Tables 498
5.1 Cooling Capacity 498
5.2 Heating Capacity 500
6. Dimensions 503
6.1 Dimensional Drawings 503
6.2 Dimensional Drawings with Drain Pump Kit 505
6.3 Dimensional Drawings with High Efficiency Filter/Long Life Filter 507
6.4 Centre of Gravity 508
6.5 Bolt Pitch 509
7. Piping Diagram 510
8. Wiring Diagrams 511
9. Sound Level 513
9.1 Sound Level Data 513
9.2 Sound Pressure Spectrums 513
10. Fan Characteristics 514
11. Installation 515
11.1 Installation Example 515
11.2 Service Space 515
11.3 Drain Piping 516

1. Features

Ducted type is newly added to the line-up of the indoor unit for UM series, which gives you much more flexibility in designing of the air conditioning system to satisfy the needs of individual air-conditioning even in the broad area.

■ **High external static pressure allows extensive duct work for flexible applications.**

Ducted type	
S-40EM3HPS S-50EM3HPS S-63EM3HPS S-80EM3HPS S-100EM3HPS S-125EM3HPS	S-200EM3HPS S-250EM3HPS



Wide line-up to increase the flexibility in system designing.



40~80 type



100~125 type



200 · 250 type

2. Specifications

2.1 Technical Specifications

S-EM3HPS				40	50	63	80	100	125	200	250
Cooling Capacity (1)			kW	4.5	5.6	7.1	9.0	11.2	14.0	22.4	28.0
Heating Capacity (2)			kW	5.0	6.3	8.0	10.0	12.5	16.0	25.0	31.5
Nominal Input	Cooling		W	211			284	411	619	1,294	1,465
	Heating		W	211			284	411	619	1,294	1,465
Dimensions	HxWxD		mm	390x720x690				390x1,110x690		470x1,380x1,100	
Weight			kg	44			45	63	65	137	
Casing				Galvanized Steel Plate							
Sound Level	Sound Pressure 220V	High	dBA	39		42	43		45	48	
		Low	dBA	35		38	39		42	45	
	Sound Power		dBA	*		*	*		*	*	
Fan	Air Flow Rate	High	m^3/h	840			1,170	1,740	2,160	3,480	4,320
		Low	m^3/h	690			960	1,380	1,740	3,000	3,720
	Type			Sirocco Fan							
	Model			D11/2D3AB1VE			D11/ 2D3AA1VE	2D11/ 2D3AG1VE	2D11/ 2D3AF1VE	D13/4G2DA1x2	
	Motor Output		W	100			160	270	430	2x380	
	External Static Pressure (50Hz) (Cf. note 4)		Pa	157-118			157-108	157-98	191-152	221-132	270-147
	Drive			Direct Drive							
Heat Exchanger	Rows x Stages x Fin Pitch		mm	3x16x2.0						3x26x2.0	
	Face Area		m^2	0.181				0.319		0.68	
Air Filter				cf. note 5							
Refrigerant Control				Electronic Expansion Valve							
Temperature Control				Microprocessor Thermostat for Cooling And Heating							
Piping Connections	Liquid	Flare	mm	ø 6.4		ø 9.5				ø 9.5	
	Gas		mm	ø12.7 (flare)		ø15.9 (flare)				ø19.1 (brazing)	ø22.2 (brazing)
	Drain		mm	VP25, External Diameter 32, Internal Diameter 25						PS1B	
Sound Absorbing Insulation Material				Glass Fiber							

3D038814

Notes:

1. Nominal cooling capacities are based on:
   · Indoor temperature: 27°CDB, 19°CWB
   · Outdoor temperature: 35°CDB
   · Equivalent refrigerant piping: 7.5m (horizontal)
2. Nominal heating capacities are based on:
   · Indoor temperature: 20°CDB
   · Outdoor temperature: 7°CDB, 6°CWB
   · Equivalent refrigerant piping: 7.5m (horizontal)
3. Capacities are net including a deduction for cooling (an addition for heating) for indoor fan motor heat.
4. Static external pressure is changeable: change the connectors inside the electrical box, this pressure means: high static pressure - standard
5. The air filter is not a standard accessory, but please mount it in the duct system at the suction side. Select its colorimetric method (gravity method) 50% or more

* Data were not available at the time of publication

9

2.2 Electrical Specifications

S-EM3HPS			40	50	63	80	100	125	200	250
Current	Minimum Circuit Amps (MCA)	A	1.3			1.5	2.5	3.8	8.1	9.0
	Maximum Fuse Amps (MFA)	A	15							
Power Supply		VE	1 ~, 50Hz, 220-240V							
Voltage Range	Min~Max	V	198 ~ 264							
Indoor Fan Motor	Fan Motor Rated Output	W	100			160	270	430	380x2	
	Full Load Amps (FLA)	A	1.0			1.2	2.0	3.0	6.5	7.2

4D040330

Notes:

1. Voltage range: units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
2. Maximum allowable voltage range variation between phases is 2%.
3. MCA/MFA:
   MCA = 1.25 x FLA
   MFA ≤ 4 x FLA
   next lower standard fuse rating minimum 15A.
4. Select wire size based on the MCA.
5. Instead of a fuse, use a circuit breaker

2.3 Safety Device Settings

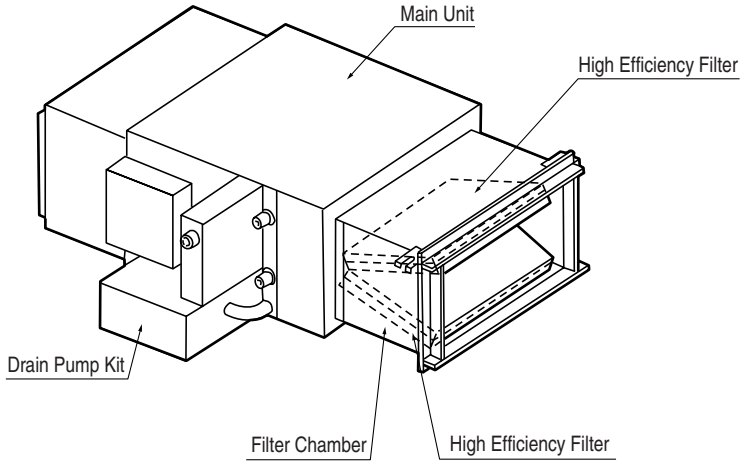
S-EM3HPS		40	50	63	80	100	125	200	250
PC Board Fuse		250V 10A							
Fan Motor Thermal Protector	°C	OFF: $135^{\pm 8}$, ON: $87^{\pm 15}$							

3D034597B

3. Accessories

S-EM3HPS	40	50	63	80	100	125	200	250
Drain Pump Kit	KDU30L125VE						KDU30L250VE	
High Efficiency Filter 65%	KAFJ302L71				KAFJ302L140		KAFJ372L280	
High Efficiency Filter 90%	KAFJ303L71				KAFJ303L140		KAFJ373L280	
Filter Chamber	KDDJ30L71				KDDJ30L140		KDJ3705L280	
Replacement Long Life Filter	KAFJ301L71				KAFJ301L140		KAFJ371L280	

3D040334



9

3.1 Drain Pump Kit

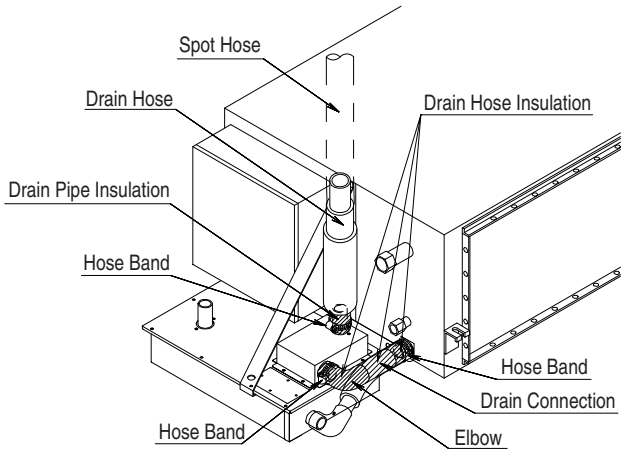
3.1.1 Specifications

		KDU30L125VE	KDU30L250VE
Power Supply		Single Phase 220-240v/220v 50/60hz	
Power Consumption	W	19/17 (50/60hz)	
Drain-up Lift	mm	Standard Drain Outlet of the Unit +294	Standard Drain Outlet of the Unit +197~+447
Drain Outlet		VP25 (Internal Diameter ø25, External Diameter ø32)	
Safety Device		Float Switch	
Weight	kg	9	10
Applied Models		40·50·63·80·100·125 class	200·250 class

3.1.2 Precaution at Use

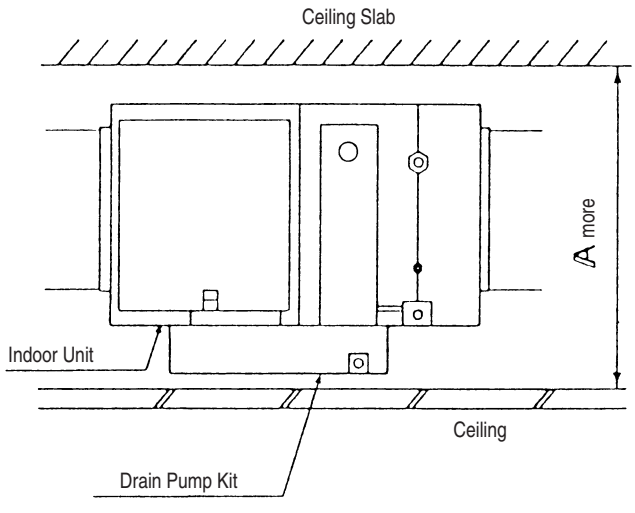
- When this kit will be used together with the natural evaporation pan type humidifier, the piping of unit's drain and humidifier's drain can be used in common.
- Be sure to do test run (cooling) to make sure the drain flows out.
- Prohibit providing a drain trap when the drain pump kit will be mounted.

3.1.3 Installation



Notes:

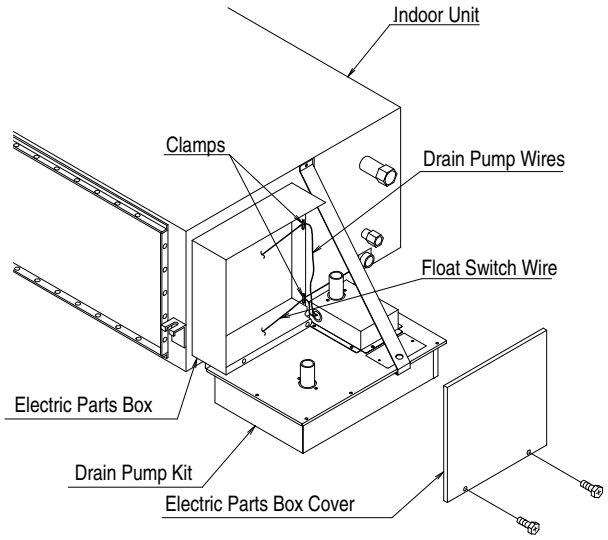
1. Connect the drain connection hose from the elbow of the connection hose to the drain pump box. Connect the attached drain hose to the outlet of the drain pump.
2. Keep the drain hose sloping downwards.

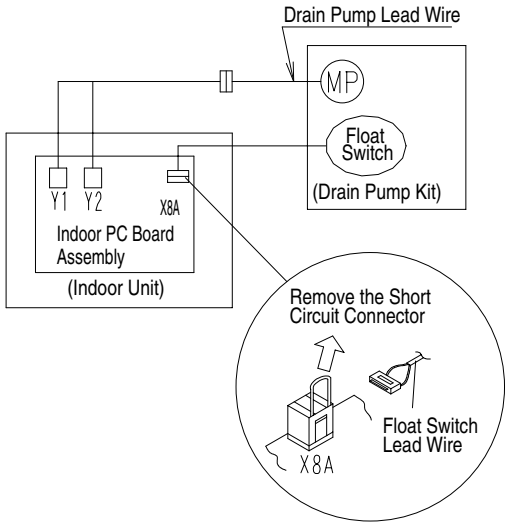


	A
KDU30L125VE	520mm
KDU30L250VE	590mm

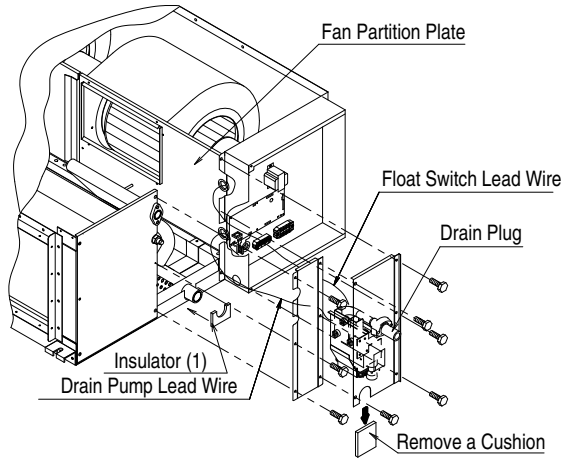
3.1.4 Internal Wiring Method

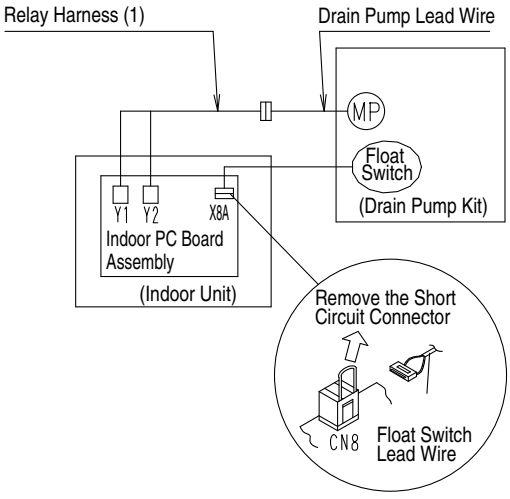
KDU30L125VE





KDU30L250VE





9

3.2 High Efficiency Filter

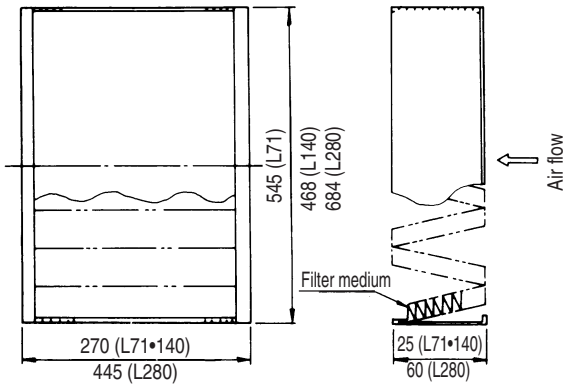
3.2.1 Specifications

			65% type						90% type					
			KAFJ302L71		KAFJ302L140		KAFJ372L280		KAFJ303L71		KAFJ303L140		KAFJ373L280	
Filter Chamber			KDDJ30L71		KDDJ30L140		KDJ3705L280		KDDJ30L71		KDDJ30L140		KDJ3705L280	
Dimension	WxDxT	mm	545x270x25		468x270x25		684x445x60		545x270x25		468x270x25		684x445x60	
Average Dust Collection Efficiency		%	Colorimetric Method 65%						Colorimetric Method 90%					
Initial Pressure Loss		Pa	11	18	16	24	27	42	17	27	21	32	29	45
Final Pressure Loss		Pa	98						98					
Filter			Non-Woven Fabric of Synthetic Fiber						Non-Woven Fabric of Synthetic Fiber					
Life Time		h	2,500 Hours (Dust Density 0.15mg/m^3)						1,800 Hours (Dust Density 0.15mg/m^3)					
Seats Structured			2		4		2		2		4		2	
Applicable Models			40 Class	50,63,80 Class	100 Class	125 Class	200,250 Class		40 Class	50,63,80 Class	100 Class	125 Class	200,250 Class	

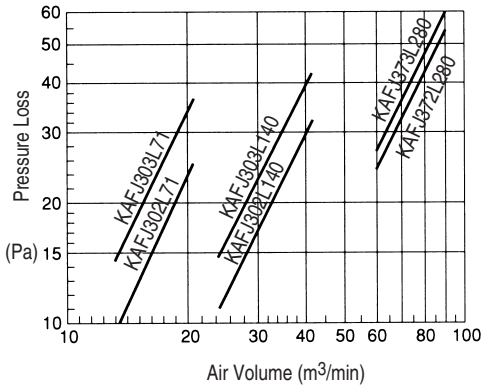
Notes:

1. The filter chamber is separately required when the high efficiency filter will be installed

3.2.2 Dimensions

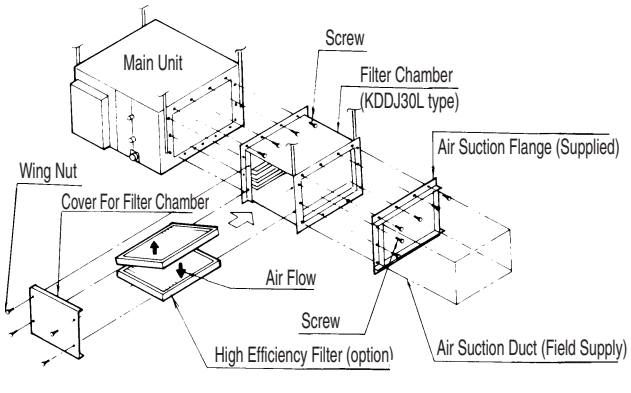


3.2.3 Filter characteristics



9

3.2.4 Installation



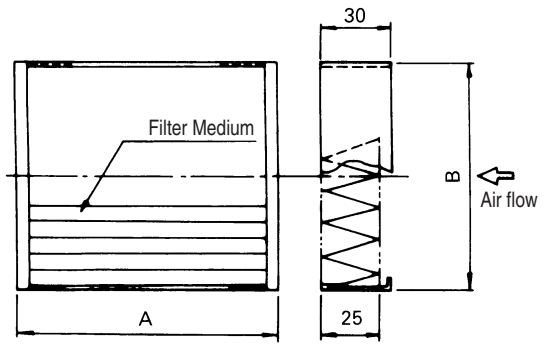
- Meet the airflow direction and arrow mark putting on the high efficiency filter.
- It is impossible to be built in together with the air cleaning unit

3.3 Replacement Long Life Filter

3.3.1 Specifications

			KAFJ301L71	KAFJ301L140	KAFJ371L280
Filter Chamber for Bottom Suction			KDDJ30L71	KDDJ30L140	KDJ3705L280
Dimensions	WxDxT	mm	547x252x30	419x252x30 519x252x30	684x445x30
Average Efficiency (%)		%	50% (Gravity Method)		
Pressure Loss (Pa)	Initial	Pa	9.8 (1þmmH2O)		
	Final	Pa	49 (5mmH2O)		
Material			Mildew Proof Resin Net		
Number Required per Unit			1	2 (each 1)	2
Life Time (h)		h	2,500 h (Dust Particle Concentration at 0.15mg/m^3)		
Applicable Model			40·50·63·80 Class	100·125 Class	200·250 Class

3.3.2 Dimensions

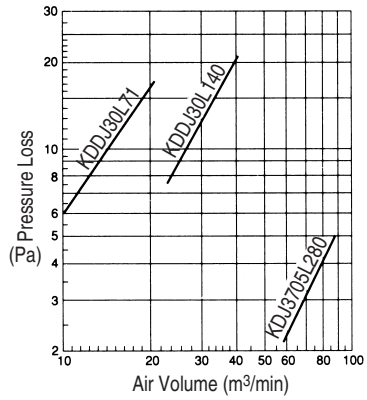


Model	A×B	Quantity
KAFJ301L71	252×549	2
	—	
KAFJ301L140	252×419	4 (each 2 filters)
	252×519	
KAFJ371L280	684×445	2

Notes:

1. The filter chamber is required when the long life filter will be installed.

3.3.3 Filter Characteristics



4. Control Systems

4.1 Individual Control Systems

Wired Remote Control		CZ-02RT11P
Infrared Remote Control	Heat Pump	CZ-02RWF12P
Simplified Remote Control		CZ-02RE11P
Remote Control for Hotel Use		CZ-03RE11P

4.2 Centralized Control Systems

Centralized Remote Control	CZ-01ESM11P
Unified On/Off Control	CZ-01ANA11P
Schedule Timer	CZ-01ESW11P

4.3 Others

Wiring Adapter	KRP1B61
BMS Interface Adapter for Unified Group	KRP2A61
BMS Interface Adapter for Individual and Unified Control	KRP4A51
Remote Sensor	CZ-10RSA
Electrical Box with Earth Terminal (3 Blocks)	KJB311A
Electrical Box with Earth Terminal (2 Blocks)	KJB212A
Noise Filter (for Electromagnetic Interface Use Only)	KEK26-1
BMS Interface Adapter for Outdoor Units (Installation on Indoor Unit)	DTA104A61

3D034600A

9

5. Capacity Tables

5.1 Cooling Capacity

TC: Total Capacity;kW – SHC: Sensible Capacity;kW

Unit size	Nominal capacity	Outdoor air temp.	Indoor air temperature													
			14.0WB		16.0WB		18.0WB		19.0WB		20.0WB		22.0WB		24.0WB	
			20.0DB		23.0DB		26.0DB		27.0DB		28.0DB		30.0DB		32.0DB	
		°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
40	4.5	10.0	3.0	2.9	3.6	3.1	4.2	3.5	4.5	3.5	4.8	3.6	5.4	3.7	5.9	3.7
		12.0	3.0	2.9	3.6	3.1	4.2	3.5	4.5	3.5	4.8	3.6	5.4	3.7	5.8	3.7
		14.0	3.0	2.9	3.6	3.1	4.2	3.5	4.5	3.5	4.8	3.6	5.4	3.7	5.8	3.7
		16.0	3.0	2.9	3.6	3.1	4.2	3.5	4.5	3.5	4.8	3.6	5.4	3.7	5.7	3.6
		18.0	3.0	2.9	3.6	3.1	4.2	3.5	4.5	3.5	4.8	3.6	5.4	3.7	5.6	3.6
		20.0	3.0	2.9	3.6	3.1	4.2	3.5	4.5	3.5	4.8	3.6	5.4	3.7	5.5	3.5
		21.0	3.0	2.9	3.6	3.1	4.2	3.5	4.5	3.5	4.8	3.6	5.4	3.7	5.5	3.5
		23.0	3.0	2.9	3.6	3.1	4.2	3.5	4.5	3.5	4.8	3.6	5.3	3.6	5.4	3.4
		25.0	3.0	2.9	3.6	3.1	4.2	3.5	4.5	3.5	4.8	3.6	5.2	3.6	5.3	3.4
		27.0	3.0	2.9	3.6	3.1	4.2	3.5	4.5	3.5	4.8	3.6	5.2	3.5	5.3	3.4
		29.0	3.0	2.9	3.6	3.1	4.2	3.5	4.5	3.5	4.8	3.6	5.1	3.5	5.2	3.4
		31.0	3.0	2.9	3.6	3.1	4.2	3.5	4.5	3.5	4.8	3.6	5.0	3.5	5.1	3.3
		33.0	3.0	2.9	3.6	3.1	4.2	3.5	4.5	3.5	4.8	3.6	4.9	3.4	5.0	3.3
		35.0	3.0	2.9	3.6	3.1	4.2	3.5	4.5	3.5	4.7	3.6	4.9	3.4	5.0	3.3
		37.0	3.0	2.9	3.6	3.1	4.2	3.5	4.5	3.5	4.7	3.5	4.8	3.4	4.9	3.3
		39.0	3.0	2.9	3.6	3.1	4.2	3.5	4.5	3.6	4.6	3.5	4.7	3.4	4.8	3.2
50	5.6	10.0	3.8	3.3	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	4.3	7.4	4.3
		12.0	3.8	3.3	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	4.3	7.3	4.3
		14.0	3.8	3.3	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	4.3	7.2	4.2
		16.0	3.8	3.3	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	4.3	7.1	4.2
		18.0	3.8	3.3	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	4.3	7.0	4.1
		20.0	3.8	3.3	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	4.3	6.9	4.1
		21.0	3.8	3.3	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	4.3	6.8	4.0
		23.0	3.8	3.3	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.6	4.2	6.7	4.0
		25.0	3.8	3.3	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.5	4.2	6.6	4.0
		27.0	3.8	3.3	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.4	4.1	6.6	3.9
		29.0	3.8	3.3	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.3	4.1	6.5	3.9
		31.0	3.8	3.3	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.2	4.0	6.4	3.8
		33.0	3.8	3.3	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.1	4.0	6.3	3.8
		35.0	3.8	3.3	4.5	3.6	5.2	4.0	5.6	4.1	5.9	4.1	6.0	4.0	6.2	3.8
		37.0	3.8	3.3	4.5	3.6	5.2	4.0	5.6	4.1	5.8	4.1	5.9	3.9	6.1	3.7
		39.0	3.8	3.3	4.5	3.6	5.2	4.0	5.6	4.1	5.7	4.0	5.8	3.9	6.0	3.7
63	7.1	10.0	4.8	3.8	5.7	4.2	6.6	4.6	7.1	4.6	7.6	4.6	8.5	4.8	9.3	4.9
		12.0	4.8	3.8	5.7	4.2	6.6	4.6	7.1	4.6	7.6	4.6	8.5	4.8	9.2	4.9
		14.0	4.8	3.8	5.7	4.2	6.6	4.6	7.1	4.6	7.6	4.6	8.5	4.8	9.1	4.8
		16.0	4.8	3.8	5.7	4.2	6.6	4.6	7.1	4.6	7.6	4.6	8.5	4.8	9.0	4.8
		18.0	4.8	3.8	5.7	4.2	6.6	4.6	7.1	4.6	7.6	4.6	8.5	4.8	8.8	4.8
		20.0	4.8	3.8	5.7	4.2	6.6	4.6	7.1	4.6	7.6	4.6	8.5	4.8	8.7	4.7
		21.0	4.8	3.8	5.7	4.2	6.6	4.6	7.1	4.6	7.6	4.6	8.5	4.8	8.7	4.7
		23.0	4.8	3.8	5.7	4.2	6.6	4.6	7.1	4.6	7.6	4.6	8.4	4.8	8.5	4.6
		25.0	4.8	3.8	5.7	4.2	6.6	4.6	7.1	4.6	7.6	4.6	8.3	4.7	8.4	4.6
		27.0	4.8	3.8	5.7	4.2	6.6	4.6	7.1	4.6	7.6	4.6	8.1	4.7	8.3	4.6
		29.0	4.8	3.8	5.7	4.2	6.6	4.6	7.1	4.6	7.6	4.6	8.0	4.7	8.2	4.5
		31.0	4.8	3.8	5.7	4.2	6.6	4.6	7.1	4.6	7.6	4.6	7.9	4.6	8.1	4.5
		33.0	4.8	3.8	5.7	4.2	6.6	4.6	7.1	4.6	7.6	4.6	7.8	4.6	7.9	4.4
		35.0	4.8	3.8	5.7	4.2	6.6	4.6	7.1	4.6	7.5	4.6	7.7	4.5	7.8	4.4
		37.0	4.8	3.8	5.7	4.2	6.6	4.6	7.1	4.6	7.4	4.6	7.5	4.5	7.7	4.3
		39.0	4.8	3.8	5.7	4.2	6.6	4.6	7.1	4.6	7.2	4.6	7.4	4.4	7.6	4.3
80	9.0	10.0	6.1	4.9	7.2	5.4	8.4	5.9	9.0	6.0	9.6	6.0	10.8	6.2	11.8	6.4
		12.0	6.1	4.9	7.2	5.4	8.4	5.9	9.0	6.0	9.6	6.0	10.8	6.2	11.7	6.3
		14.0	6.1	4.9	7.2	5.4	8.4	5.9	9.0	6.0	9.6	6.0	10.8	6.2	11.5	6.3
		16.0	6.1	4.9	7.2	5.4	8.4	5.9	9.0	6.0	9.6	6.0	10.8	6.2	11.4	6.2
		18.0	6.1	4.9	7.2	5.4	8.4	5.9	9.0	6.0	9.6	6.0	10.8	6.2	11.2	6.2
		20.0	6.1	4.9	7.2	5.4	8.4	5.9	9.0	6.0	9.6	6.0	10.8	6.2	11.1	6.1
		21.0	6.1	4.9	7.2	5.4	8.4	5.9	9.0	6.0	9.6	6.0	10.8	6.2	11.0	6.1
		23.0	6.1	4.9	7.2	5.4	8.4	5.9	9.0	6.0	9.6	6.0	10.6	6.2	10.8	6.0
		25.0	6.1	4.9	7.2	5.4	8.4	5.9	9.0	6.0	9.6	6.0	10.5	6.1	10.7	6.0
		27.0	6.1	4.9	7.2	5.4	8.4	5.9	9.0	6.0	9.6	6.0	10.3	6.1	10.5	5.9
		29.0	6.1	4.9	7.2	5.4	8.4	5.9	9.0	6.0	9.6	6.0	10.2	6.0	10.4	5.9
		31.0	6.1	4.9	7.2	5.4	8.4	5.9	9.0	6.0	9.6	6.0	10.0	6.0	10.2	5.8
		33.0	6.1	4.9	7.2	5.4	8.4	5.9	9.0	6.0	9.6	6.0	9.8	5.9	10.1	5.7
		35.0	6.1	4.9	7.2	5.4	8.4	5.9	9.0	6.0	9.5	6.0	9.7	5.9	9.9	5.7
		37.0	6.1	4.9	7.2	5.4	8.4	5.9	9.0	6.0	9.3	5.9	9.5	5.8	9.8	5.6
		39.0	6.1	4.9	7.2	5.4	8.4	5.9	9.0	6.0	9.2	5.9	9.4	5.8	9.6	5.6

TC: Total Capacity;kW – SHC: Sensible Capacity;kW

Unit size	Nominal capacity	Outdoor air temp.	Indoor air temperature													
			14.0WB		16.0WB		18.0WB		19.0WB		20.0WB		22.0WB		24.0WB	
			20.0DB		23.0DB		26.0DB		27.0DB		28.0DB		30.0DB		32.0DB	
		°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
100	11.2	10.0	7.6	6.7	9.0	7.4	10.5	8.3	11.2	8.3	11.9	8.5	13.4	8.7	14.7	8.8
		12.0	7.6	6.7	9.0	7.4	10.5	8.3	11.2	8.3	11.9	8.5	13.4	8.7	14.5	8.7
		14.0	7.6	6.7	9.0	7.4	10.5	8.3	11.2	8.3	11.9	8.5	13.4	8.7	14.4	8.6
		16.0	7.6	6.7	9.0	7.4	10.5	8.3	11.2	8.3	11.9	8.5	13.4	8.7	14.2	8.5
		18.0	7.6	6.7	9.0	7.4	10.5	8.3	11.2	8.3	11.9	8.5	13.4	8.7	14.0	8.4
		20.0	7.6	6.7	9.0	7.4	10.5	8.3	11.2	8.3	11.9	8.5	13.4	8.7	13.8	8.2
		21.0	7.6	6.7	9.0	7.4	10.5	8.3	11.2	8.3	11.9	8.5	13.4	8.7	13.7	8.2
		23.0	7.6	6.7	9.0	7.4	10.5	8.3	11.2	8.3	11.9	8.5	13.2	8.6	13.5	8.1
		25.0	7.6	6.7	9.0	7.4	10.5	8.3	11.2	8.3	11.9	8.5	13.0	8.5	13.3	8.0
		27.0	7.6	6.7	9.0	7.4	10.5	8.3	11.2	8.3	11.9	8.5	12.8	8.3	13.1	7.9
		29.0	7.6	6.7	9.0	7.4	10.5	8.3	11.2	8.3	11.9	8.5	12.6	8.3	12.9	7.9
		31.0	7.6	6.7	9.0	7.4	10.5	8.3	11.2	8.3	11.9	8.5	12.4	8.2	12.7	7.8
		33.0	7.6	6.7	9.0	7.4	10.5	8.3	11.2	8.3	11.9	8.5	12.2	8.2	12.5	7.7
		35.0	7.6	6.7	9.0	7.4	10.5	8.3	11.2	8.3	11.8	8.4	12.1	8.1	12.3	7.6
		37.0	7.6	6.7	9.0	7.4	10.5	8.3	11.2	8.3	11.6	8.3	11.9	8.1	12.2	7.6
		39.0	7.6	6.7	9.0	7.4	10.5	8.3	11.2	8.3	11.4	8.3	11.7	8.0	12.0	7.6
125	14.0	10.0	9.5	8.2	11.3	9.1	13.1	10.0	14.0	10.2	14.9	10.4	16.8	10.8	18.4	10.9
		12.0	9.5	8.2	11.3	9.1	13.1	10.0	14.0	10.2	14.9	10.4	16.8	10.8	18.2	10.8
		14.0	9.5	8.2	11.3	9.1	13.1	10.0	14.0	10.2	14.9	10.4	16.8	10.8	18.0	10.7
		16.0	9.5	8.2	11.3	9.1	13.1	10.0	14.0	10.2	14.9	10.4	16.8	10.8	17.7	10.5
		18.0	9.5	8.2	11.3	9.1	13.1	10.0	14.0	10.2	14.9	10.4	16.8	10.8	17.5	10.4
		20.0	9.5	8.2	11.3	9.1	13.1	10.0	14.0	10.2	14.9	10.4	16.8	10.8	17.2	10.2
		21.0	9.5	8.2	11.3	9.1	13.1	10.0	14.0	10.2	14.9	10.4	16.8	10.8	17.1	10.2
		23.0	9.5	8.2	11.3	9.1	13.1	10.0	14.0	10.2	14.9	10.4	16.5	10.7	16.9	10.1
		25.0	9.5	8.2	11.3	9.1	13.1	10.0	14.0	10.2	14.9	10.4	16.3	10.5	16.6	10.0
		27.0	9.5	8.2	11.3	9.1	13.1	10.0	14.0	10.2	14.9	10.4	16.1	10.4	16.4	9.9
		29.0	9.5	8.2	11.3	9.1	13.1	10.0	14.0	10.2	14.9	10.4	15.8	10.2	16.2	9.9
		31.0	9.5	8.2	11.3	9.1	13.1	10.0	14.0	10.2	14.9	10.4	15.6	10.1	15.9	9.8
		33.0	9.5	8.2	11.3	9.1	13.1	10.0	14.0	10.2	14.9	10.4	15.3	10.0	15.7	9.7
		35.0	9.5	8.2	11.3	9.1	13.1	10.0	14.0	10.2	14.8	10.4	15.1	10.0	15.4	9.6
		37.0	9.5	8.2	11.3	9.1	13.1	10.0	14.0	10.2	14.5	10.3	14.9	9.9	15.2	9.5
		39.0	9.5	8.2	11.3	9.1	13.1	10.0	14.0	10.3	14.3	10.1	14.6	9.8	15.0	9.4
200	22.4	10.0	15.1	13.4	18.0	14.9	21.0	16.3	22.4	16.8	23.8	17.0	26.8	17.6	29.4	17.8
		12.0	15.1	13.4	18.0	14.9	21.0	16.3	22.4	16.8	23.8	17.0	26.8	17.6	29.0	17.6
		14.0	15.1	13.4	18.0	14.9	21.0	16.3	22.4	16.8	23.8	17.0	26.8	17.6	28.7	17.4
		16.0	15.1	13.4	18.0	14.9	21.0	16.3	22.4	16.8	23.8	17.0	26.8	17.6	28.3	17.2
		18.0	15.1	13.4	18.0	14.9	21.0	16.3	22.4	16.8	23.8	17.0	26.8	17.6	27.9	16.9
		20.0	15.1	13.4	18.0	14.9	21.0	16.3	22.4	16.8	23.8	17.0	26.8	17.6	27.5	16.7
		21.0	15.1	13.4	18.0	14.9	21.0	16.3	22.4	16.8	23.8	17.0	26.8	17.6	27.4	16.6
		23.0	15.1	13.4	18.0	14.9	21.0	16.3	22.4	16.8	23.8	17.0	26.4	17.3	27.0	16.4
		25.0	15.1	13.4	18.0	14.9	21.0	16.3	22.4	16.8	23.8	17.0	26.1	17.1	26.6	16.2
		27.0	15.1	13.4	18.0	14.9	21.0	16.3	22.4	16.8	23.8	17.0	25.7	16.8	26.2	16.1
		29.0	15.1	13.4	18.0	14.9	21.0	16.3	22.4	16.8	23.8	17.0	25.3	16.6	25.8	15.9
		31.0	15.1	13.4	18.0	14.9	21.0	16.3	22.4	16.8	23.8	17.0	24.9	16.4	25.4	15.7
		33.0	15.1	13.4	18.0	14.9	21.0	16.3	22.4	16.8	23.8	17.0	24.5	16.3	25.0	15.6
		35.0	15.1	13.4	18.0	14.9	21.0	16.3	22.4	16.8	23.6	17.0	24.2	16.1	24.6	15.4
		37.0	15.1	13.4	18.0	14.9	21.0	16.3	22.4	16.8	23.2	16.8	23.8	16.0	24.3	15.3
		39.0	15.1	13.4	18.0	14.9	21.0	16.3	22.4	16.8	22.8	16.6	23.4	15.8	23.9	15.1
250	28.0	10.0	18.9	16.9	22.5	18.5	26.2	20.4	28.0	20.9	29.8	21.2	33.5	22.1	36.8	22.1
		12.0	18.9	16.9	22.5	18.5	26.2	20.4	28.0	20.9	29.8	21.2	33.5	22.1	36.3	21.8
		14.0	18.9	16.9	22.5	18.5	26.2	20.4	28.0	20.9	29.8	21.2	33.5	22.1	35.9	21.6
		16.0	18.9	16.9	22.5	18.5	26.2	20.4	28.0	20.9	29.8	21.2	33.5	22.1	35.4	21.3
		18.0	18.9	16.9	22.5	18.5	26.2	20.4	28.0	20.9	29.8	21.2	33.5	22.1	34.9	21.0
		20.0	18.9	16.9	22.5	18.5	26.2	20.4	28.0	20.9	29.8	21.2	33.5	22.1	34.4	20.7
		21.0	18.9	16.9	22.5	18.5	26.2	20.4	28.0	20.9	29.8	21.2	33.5	22.1	34.2	20.6
		23.0	18.9	16.9	22.5	18.5	26.2	20.4	28.0	20.9	29.8	21.2	33.0	21.7	33.7	20.3
		25.0	18.9	16.9	22.5	18.5	26.2	20.4	28.0	20.9	29.8	21.2	32.6	21.5	33.2	20.2
		27.0	18.9	16.9	22.5	18.5	26.2	20.4	28.0	20.9	29.8	21.2	32.1	21.2	32.8	20.0
		29.0	18.9	16.9	22.5	18.5	26.2	20.4	28.0	20.9	29.8	21.2	31.6	20.9	32.3	19.9
		31.0	18.9	16.9	22.5	18.5	26.2	20.4	28.0	20.9	29.8	21.2	31.1	20.6	31.8	19.7
		33.0	18.9	16.9	22.5	18.5	26.2	20.4	28.0	20.9	29.8	21.2	30.6	20.4	31.3	19.5
		35.0	18.9	16.9	22.5	18.5	26.2	20.4	28.0	20.9	29.5	21.1	30.2	20.2	30.8	19.4
		37.0	18.9	16.9	22.5	18.5	26.2	20.4	28.0	20.9	29.0	20.9	29.7	20.0	30.4	19.2
		39.0	18.9	16.9	22.5	18.5	26.2	20.4	28.0	21.0	28.5	20.6	29.2	19.8	29.9	19.0

9

5.2 Heating Capacity

Unit Size	Nominal capacity	Outdoor air temperature		Indoor air temperature °CDB					
				16.0	18.0	20.0	21.0	22.0	24.0
		°CDB	°CWB	kW	kW	kW	kW	kW	kW
40	5.0	-19.8	-20.0	3.0	2.9	2.9	2.9	2.9	2.9
		-18.8	-19.0	3.0	3.0	3.0	3.0	3.0	3.0
		-16.7	-17.0	3.2	3.2	3.2	3.2	3.2	3.2
		-14.7	-15.0	3.4	3.4	3.4	3.4	3.4	3.4
		-12.6	-13.0	3.6	3.6	3.6	3.5	3.5	3.5
		-10.5	-11.0	3.7	3.7	3.7	3.7	3.7	3.7
		-9.5	-10.0	3.8	3.8	3.8	3.8	3.8	3.8
		-8.5	-9.1	3.9	3.9	3.9	3.9	3.9	3.9
		-7.0	-7.6	4.0	4.0	4.0	4.0	4.0	4.0
		-5.0	-5.6	4.2	4.2	4.2	4.2	4.2	4.2
		-3.0	-3.7	4.4	4.4	4.4	4.4	4.4	4.4
		0.0	-0.7	4.7	4.6	4.6	4.6	4.6	4.4
		3.0	2.2	4.9	4.9	4.9	4.8	4.7	4.4
		5.0	4.1	5.1	5.1	5.0	4.8	4.7	4.4
		7.0	6.0	5.2	5.2	5.0	4.8	4.7	4.4
		9.0	7.9	5.4	5.3	5.0	4.8	4.7	4.4
		11.0	9.8	5.6	5.3	5.0	4.8	4.7	4.4
		13.0	11.8	5.6	5.3	5.0	4.8	4.7	4.4
		15.0	13.7	5.6	5.3	5.0	4.8	4.7	4.4
50	6.3	-19.8	-20.0	3.7	3.7	3.7	3.7	3.7	3.7
		-18.8	-19.0	3.8	3.8	3.8	3.8	3.8	3.8
		-16.7	-17.0	4.1	4.0	4.0	4.0	4.0	4.0
		-14.7	-15.0	4.3	4.3	4.3	4.2	4.2	4.2
		-12.6	-13.0	4.5	4.5	4.5	4.5	4.5	4.5
		-10.5	-11.0	4.7	4.7	4.7	4.7	4.7	4.7
		-9.5	-10.0	4.8	4.8	4.8	4.8	4.8	4.8
		-8.5	-9.1	4.9	4.9	4.9	4.9	4.9	4.9
		-7.0	-7.6	5.1	5.1	5.1	5.1	5.1	5.1
		-5.0	-5.6	5.3	5.3	5.3	5.3	5.3	5.3
		-3.0	-3.7	5.5	5.5	5.5	5.5	5.5	5.5
		0.0	-0.7	5.9	5.9	5.8	5.8	5.8	5.5
		3.0	2.2	6.2	6.2	6.2	6.1	5.9	5.5
		5.0	4.1	6.4	6.4	6.3	6.1	5.9	5.5
		7.0	6.0	6.6	6.6	6.3	6.1	5.9	5.5
		9.0	7.9	6.8	6.7	6.3	6.1	5.9	5.5
		11.0	9.8	7.0	6.7	6.3	6.1	5.9	5.5
		13.0	11.8	7.1	6.7	6.3	6.1	5.9	5.5
		15.0	13.7	7.1	6.7	6.3	6.1	5.9	5.5
63	8.0	-19.8	-20.0	4.7	4.7	4.7	4.7	4.7	4.7
		-18.8	-19.0	4.9	4.9	4.8	4.8	4.8	4.8
		-16.7	-17.0	5.1	5.1	5.1	5.1	5.1	5.1
		-14.7	-15.0	5.4	5.4	5.4	5.4	5.4	5.4
		-12.6	-13.0	5.7	5.7	5.7	5.7	5.7	5.7
		-10.5	-11.0	6.0	6.0	6.0	6.0	6.0	5.9
		-9.5	-10.0	6.1	6.1	6.1	6.1	6.1	6.1
		-8.5	-9.1	6.3	6.3	6.2	6.2	6.2	6.2
		-7.0	-7.6	6.5	6.5	6.4	6.4	6.4	6.4
		-5.0	-5.6	6.8	6.7	6.7	6.7	6.7	6.7
		-3.0	-3.7	7.0	7.0	7.0	7.0	7.0	7.0
		0.0	-0.7	7.5	7.4	7.4	7.4	7.4	7.0
		3.0	2.2	7.9	7.8	7.8	7.7	7.5	7.0
		5.0	4.1	8.1	8.1	8.0	7.7	7.5	7.0
		7.0	6.0	8.4	8.4	8.0	7.7	7.5	7.0
		9.0	7.9	8.7	8.5	8.0	7.7	7.5	7.0
		11.0	9.8	8.9	8.5	8.0	7.7	7.5	7.0
		13.0	11.8	9.0	8.5	8.0	7.7	7.5	7.0
		15.0	13.7	9.0	8.5	8.0	7.7	7.5	7.0

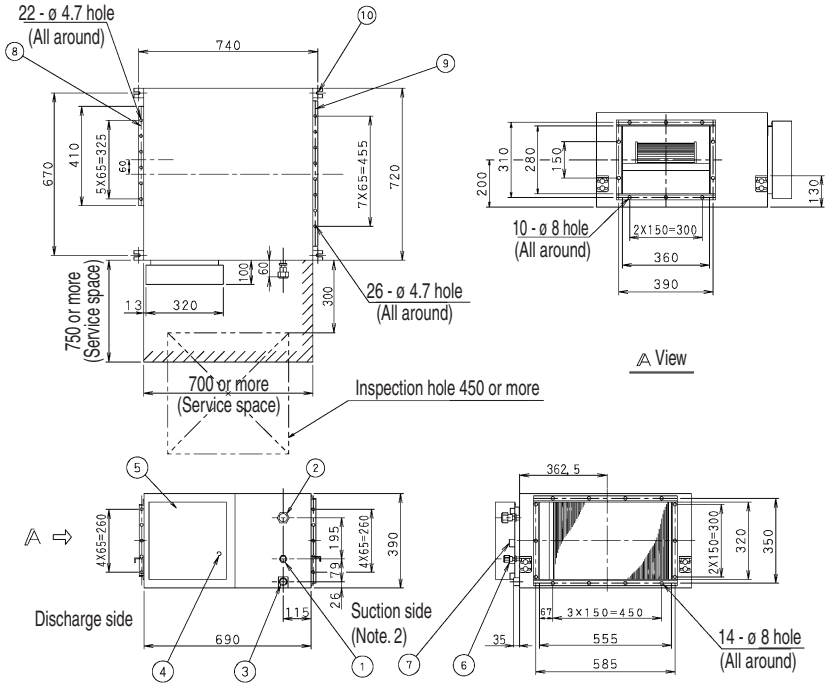
Unit Size	Nominal capacity	Outdoor air temperature		Indoor air temperature °CDB					
				16.0	18.0	20.0	21.0	22.0	24.0
		°CDB	°CWB	kW	kW	kW	kW	kW	kW
80	10.0	-19.8	-20.0	5.9	5.9	5.9	5.9	5.9	5.8
		-18.8	-19.0	6.1	6.1	6.0	6.0	6.0	6.0
		-16.7	-17.0	6.4	6.4	6.4	6.4	6.4	6.4
		-14.7	-15.0	6.8	6.8	6.8	6.7	6.7	6.7
		-12.6	-13.0	7.1	7.1	7.1	7.1	7.1	7.1
		-10.5	-11.0	7.5	7.5	7.5	7.5	7.4	7.4
		-9.5	-10.0	7.7	7.7	7.6	7.6	7.6	7.6
		-8.5	-9.1	7.8	7.8	7.8	7.8	7.8	7.8
		-7.0	-7.6	8.1	8.1	8.1	8.1	8.0	8.0
		-5.0	-5.6	8.4	8.4	8.4	8.4	8.4	8.4
		-3.0	-3.7	8.8	8.8	8.7	8.7	8.7	8.7
		0.0	-0.7	9.3	9.3	9.3	9.3	9.3	8.7
		3.0	2.2	9.8	9.8	9.8	9.7	9.4	8.7
		5.0	4.1	10.2	10.1	10.0	9.7	9.4	8.7
		7.0	6.0	10.5	10.5	10.0	9.7	9.4	8.7
		9.0	7.9	10.8	10.6	10.0	9.7	9.4	8.7
		11.0	9.8	11.2	10.6	10.0	9.7	9.4	8.7
		13.0	11.8	11.3	10.6	10.0	9.7	9.4	8.7
		15.0	13.7	11.3	10.6	10.0	9.7	9.4	8.7
100	12.5	-19.8	-20.0	7.4	7.4	7.3	7.3	7.3	7.3
		-18.8	-19.0	7.6	7.6	7.6	7.5	7.5	7.5
		-16.7	-17.0	8.0	8.0	8.0	8.0	8.0	8.0
		-14.7	-15.0	8.5	8.5	8.4	8.4	8.4	8.4
		-12.6	-13.0	8.9	8.9	8.9	8.9	8.9	8.8
		-10.5	-11.0	9.4	9.3	9.3	9.3	9.3	9.3
		-9.5	-10.0	9.6	9.6	9.5	9.5	9.5	9.5
		-8.5	-9.1	9.8	9.8	9.7	9.7	9.7	9.7
		-7.0	-7.6	10.1	10.1	10.1	10.1	10.1	10.0
		-5.0	-5.6	10.6	10.5	10.5	10.5	10.5	10.5
		-3.0	-3.7	11.0	11.0	10.9	10.9	10.9	10.9
		0.0	-0.7	11.6	11.6	11.6	11.6	11.6	10.9
		3.0	2.2	12.3	12.3	12.2	12.1	11.7	10.9
		5.0	4.1	12.7	12.7	12.5	12.1	11.7	10.9
		7.0	6.0	13.1	13.1	12.5	12.1	11.7	10.9
		9.0	7.9	13.5	13.3	12.5	12.1	11.7	10.9
		11.0	9.8	14.0	13.3	12.5	12.1	11.7	10.9
		13.0	11.8	14.1	13.3	12.5	12.1	11.7	10.9
		15.0	13.7	14.1	13.3	12.5	12.1	11.7	10.9
125	16.0	-19.8	-20.0	9.4	9.4	9.4	9.4	9.4	9.3
		-18.8	-19.0	9.7	9.7	9.7	9.7	9.6	9.6
		-16.7	-17.0	10.3	10.3	10.2	10.2	10.2	10.2
		-14.7	-15.0	10.9	10.8	10.8	10.8	10.8	10.7
		-12.6	-13.0	11.4	11.4	11.4	11.4	11.3	11.3
		-10.5	-11.0	12.0	12.0	11.9	11.9	11.9	11.9
		-9.5	-10.0	12.3	12.2	12.2	12.2	12.2	12.2
		-8.5	-9.1	12.5	12.5	12.5	12.5	12.4	12.4
		-7.0	-7.6	13.0	12.9	12.9	12.9	12.9	12.8
		-5.0	-5.6	13.5	13.5	13.5	13.4	13.4	13.4
		-3.0	-3.7	14.1	14.0	14.0	14.0	14.0	13.9
		0.0	-0.7	14.9	14.9	14.8	14.8	14.8	13.9
		3.0	2.2	15.7	15.7	15.7	15.5	15.0	13.9
		5.0	4.1	16.3	16.2	16.0	15.5	15.0	13.9
		7.0	6.0	16.8	16.8	16.0	15.5	15.0	13.9
		9.0	7.9	17.3	17.0	16.0	15.5	15.0	13.9
		11.0	9.8	17.9	17.0	16.0	15.5	15.0	13.9
		13.0	11.8	18.1	17.0	16.0	15.5	15.0	13.9
		15.0	13.7	18.1	17.0	16.0	15.5	15.0	13.9

Unit Size	Nominal capacity	Outdoor air temperature		Indoor air temperature °CDB					
				16.0	18.0	20.0	21.0	22.0	24.0
		°CDB	°CWB	kW	kW	kW	kW	kW	kW
200	25.0	-19.8	-20.0	14.8	14.7	14.7	14.7	14.6	14.6
		-18.8	-19.0	15.2	15.2	15.1	15.1	15.1	15.0
		-16.7	-17.0	16.1	16.0	16.0	16.0	16.0	15.9
		-14.7	-15.0	17.0	16.9	16.9	16.9	16.8	16.8
		-12.6	-13.0	17.9	17.8	17.8	17.7	17.7	17.7
		-10.5	-11.0	18.7	18.7	18.6	18.6	18.6	18.6
		-9.5	-10.0	19.2	19.1	19.1	19.1	19.0	19.0
		-8.5	-9.1	19.6	19.5	19.5	19.5	19.4	19.4
		-7.0	-7.6	20.2	20.2	20.2	20.1	20.1	20.1
		-5.0	-5.6	21.1	21.1	21.0	21.0	21.0	20.9
		-3.0	-3.7	22.0	21.9	21.9	21.9	21.8	21.8
		0.0	-0.7	23.3	23.2	23.2	23.2	23.2	21.8
		3.0	2.2	24.6	24.5	24.5	24.2	23.4	21.8
		5.0	4.1	25.4	25.4	25.0	24.2	23.4	21.8
		7.0	6.0	26.2	26.2	25.0	24.2	23.4	21.8
		9.0	7.9	27.1	26.6	25.0	24.2	23.4	21.8
		11.0	9.8	27.9	26.6	25.0	24.2	23.4	21.8
		13.0	11.8	28.2	26.6	25.0	24.2	23.4	21.8
		15.0	13.7	28.2	26.6	25.0	24.2	23.4	21.8
250	31.5	-19.8	-20.0	18.6	18.5	18.5	18.5	18.4	18.4
		-18.8	-19.0	19.2	19.1	19.0	19.0	19.0	18.9
		-16.7	-17.0	20.3	20.2	20.2	20.1	20.1	20.0
		-14.7	-15.0	21.4	21.3	21.3	21.2	21.2	21.2
		-12.6	-13.0	22.5	22.4	22.4	22.4	22.3	22.3
		-10.5	-11.0	23.6	23.6	23.5	23.5	23.4	23.4
		-9.5	-10.0	24.2	24.1	24.1	24.0	24.0	23.9
		-8.5	-9.1	24.7	24.6	24.6	24.5	24.5	24.4
		-7.0	-7.6	25.5	25.4	25.4	25.4	25.3	25.3
		-5.0	-5.6	26.6	26.6	26.5	26.5	26.4	26.4
		-3.0	-3.7	27.7	27.6	27.6	27.5	27.5	27.5
		0.0	-0.7	29.3	29.3	29.2	29.2	29.2	27.5
		3.0	2.2	31.0	30.9	30.8	30.5	29.5	27.5
		5.0	4.1	32.0	32.0	31.5	30.5	29.5	27.5
		7.0	6.0	33.1	33.0	31.5	30.5	29.5	27.5
		9.0	7.9	34.1	33.5	31.5	30.5	29.5	27.5
		11.0	9.8	35.2	33.5	31.5	30.5	29.5	27.5
		13.0	11.8	35.5	33.5	31.5	30.5	29.5	27.5
		15.0	13.7	35.5	33.5	31.5	30.5	29.5	27.5

6. Dimensions

6.1 Dimensional Drawings

S-40EM3HPS
S-50EM3HPS



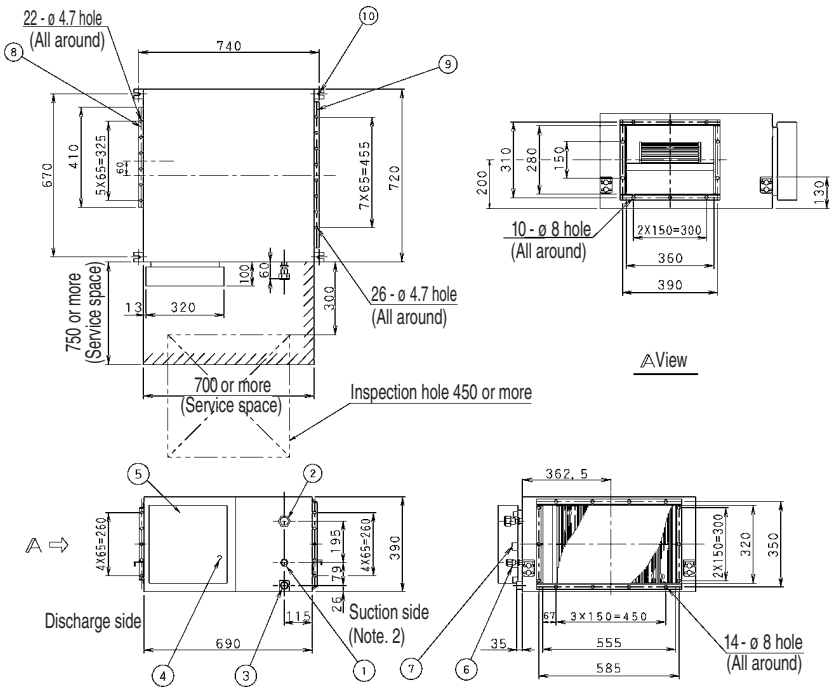
Nr	Part Name	Description
1	Liquid Pipe Connection	ø 6.4 Flare Connection
2	Gas Pipe Connection	ø 12.7 Flare Connection
3	Drain Pipe Connection	VP25 (O.D. ø32, I.D. ø25)
4	Ground Terminal	M4
5	Switch Box	
6	Interunit Wiring Connection	
7	Power Supply Connection	
8	Air Discharge Flange	
9	Air Suction Flange	
10	Hook	For M8~M10

Notes:

1. Location of unit's name plate: switch box surface.
2. Mount the air filter at the suction side. (Select its colorimetric method (gravity method) 50% or more).
3. Be sure to install a drain trap, as the drain outlet of the air-conditioner becomes negative pressure.
4. Be sure to install a drain trap for each unit separately, when you install a consolidated drain piping.

3D038848

S-60EM3HPS
S-80EM3HPS



Nr	Part Name	Description
1	Liquid Pipe Connection	ø 9.5 Flare Connection
2	Gas Pipe Connection	ø 15.9 Flare Connection
3	Drain Pipe Connection	VP25 (O.D. ø32, I.D. ø25)
4	Ground Terminal	M4
5	Switch Box	
6	Interunit Wiring Connection	
7	Power Supply Connection	
8	Air Discharge Flange	
9	Air Suction Flange	
10	Hook	For M8~M10

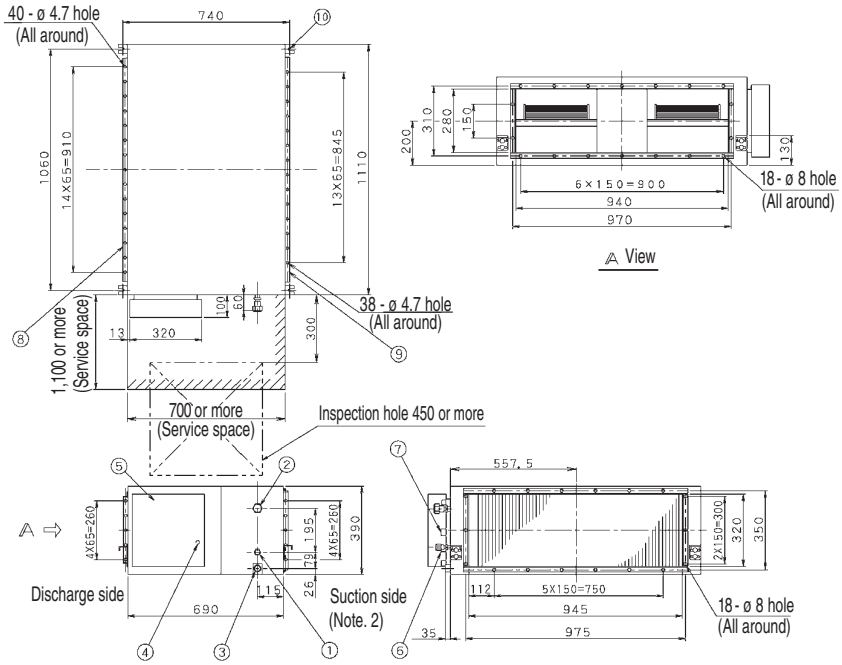
Notes:

1. Location of unit's name plate: switch box surface.
2. Mount the air filter at the suction side. (Select its colorimetric method (gravity method) 50% or more).
3. Be sure to install a drain trap, as the drain outlet of the air-conditioner becomes negative pressure.
4. Be sure to install a drain trap for each unit separately, when you install a consolidated drain piping.

3D038849

9

S-100EM3HPS
S-125EM3HPS



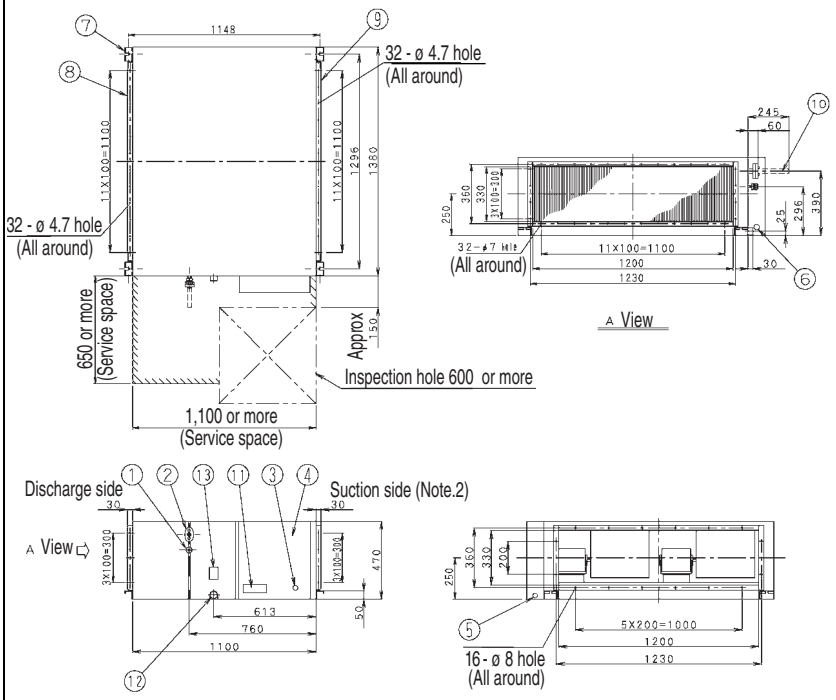
Nr	Part Name	Description
1	Liquid Pipe Connection	ø 9.5 Flare Connection
2	Gas Pipe Connection	ø 15.9 Flare Connection
3	Drain Pipe Connection	VP25 (O.D. ø32, I.D. ø25)
4	Ground Terminal	M4
5	Switch Box	
6	Interunit Wiring Connection	
7	Power Supply Connection	
8	Air Discharge Flange	
9	Air Suction Flange	
10	Hook	For M8~M10

Notes:

1. Location of unit's name plate: switch box surface.
2. Mount the air filter at the suction side. (Select its colorimetric method (gravity method) 50% or more).
3. Be sure to install a drain trap, as the drain outlet of the air-conditioner becomes negative pressure.
4. Be sure to install a drain trap for each unit separately, when you install a consolidated drain piping.

3D038850

S-200EM3HPS
S-250EM3HPS



Piping size (field supply)

Model	Gas	Liquid
S-200EM3HPS	ø 19.1 Attached Piping	ø 9.5
S-250EM3HPS	ø 22.2 Attached Piping	ø 9.5

Nr	Part Name	Description
1	Liquid Pipe Connection	Flare Connection
2	Gas Pipe Connection	Attendant Piping Connection
3	Ground Terminal	M5 (Inside Switch Box)
4	Switch Box	
5	Power Supply Wiring connection	
6	Transmission Wiring Connection	
7	Hook	M10
8	Discharge Companion Flange	
9	Suction Flange	
10	Attached Piping	Brazing
11	Name Plate	
12	Drain Piping Connection	PS1B Internal Thread VP25 (O.D. ø33.349, I.D. ø30.391)
13	Water Supply Port	

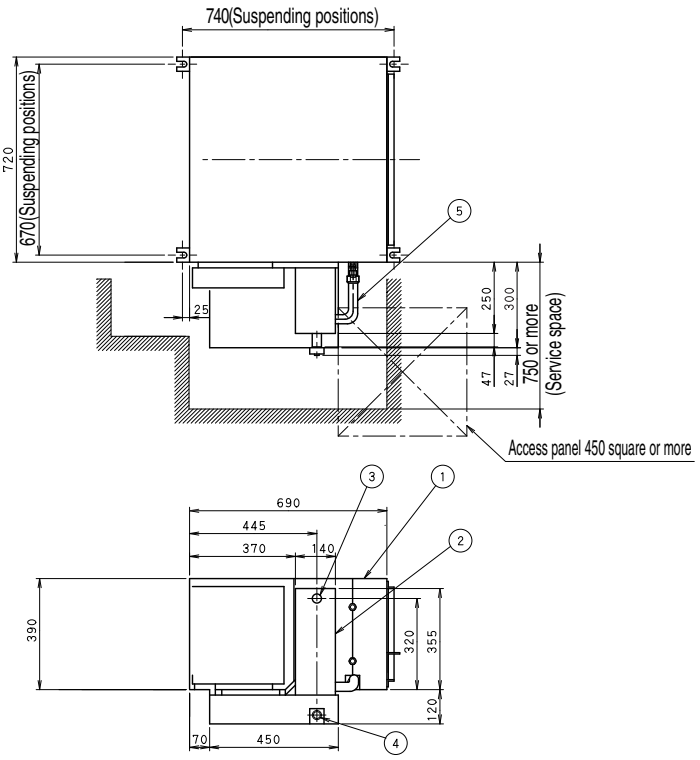
Notes:

1. Location of unit's name plate: switch box surface.
2. Mount the air filter at the suction side. (Select its colorimetric method (gravity method) 50% or more).

3D038851

6.2 Dimensional Drawings with Drain Pump Kit

S-40~80EM3HPS



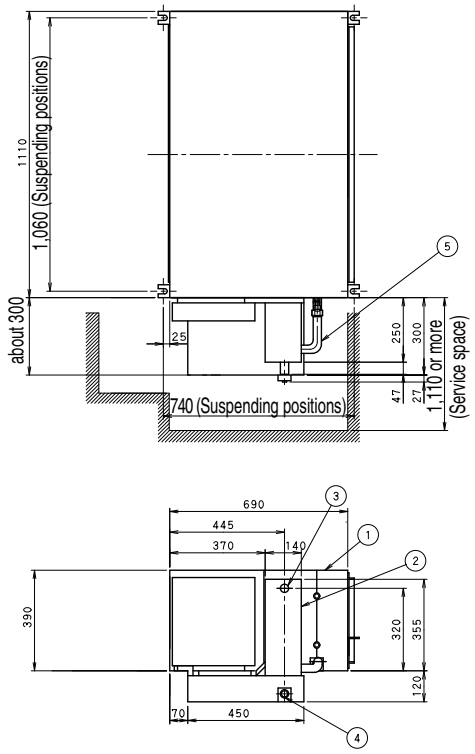
Nr	Part Name	Description
1	Ceiling Mounted Duct Type's Body	
2	Drain Pump Kit	
3	Drain Pipe Connection	VP25 (O.D. ø32)
4	Water Extracting Hole	
5	Drain Connection Pipe	Attached to the Drain Pump Kit

Notes:

1. Be sure to provide an air filter in the suction air duct (with dust collection efficiency by more than 50% in the weight method.)
2. When the drain pump kit will be mounted, don't provide a trap in the drain pipe line.

DU824-203G

S-100·125EM3HPS



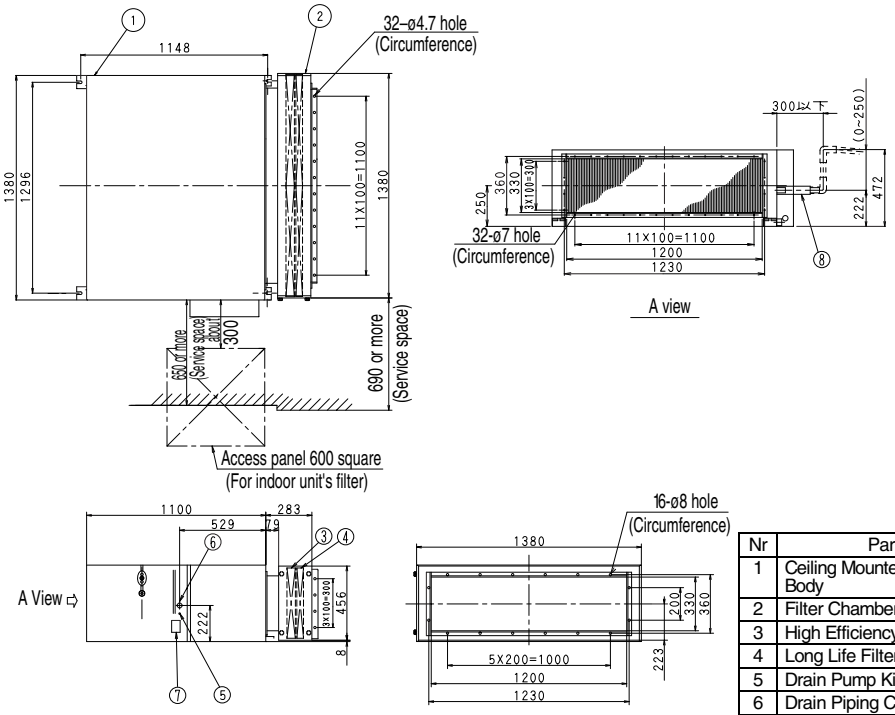
Nr	Part Name	Description
1	Ceiling Mounted Duct Type's Body	
2	Drain Pump Kit	
3	Drain Pipe Connection	VP25 (O.D. ø32)
4	Water Extracting Hole	
5	Drain Connection Pipe	Attached to the Drain Pump Kit

Notes:

1. Be sure to provide an air filter in the suction air duct (with dust collection efficiency by more than 50% in the weight method.)
2. When the drain pump kit will be mounted, don't provide a trap in the drain pipe line.

DU827-245D

S-200·250EM3HPS

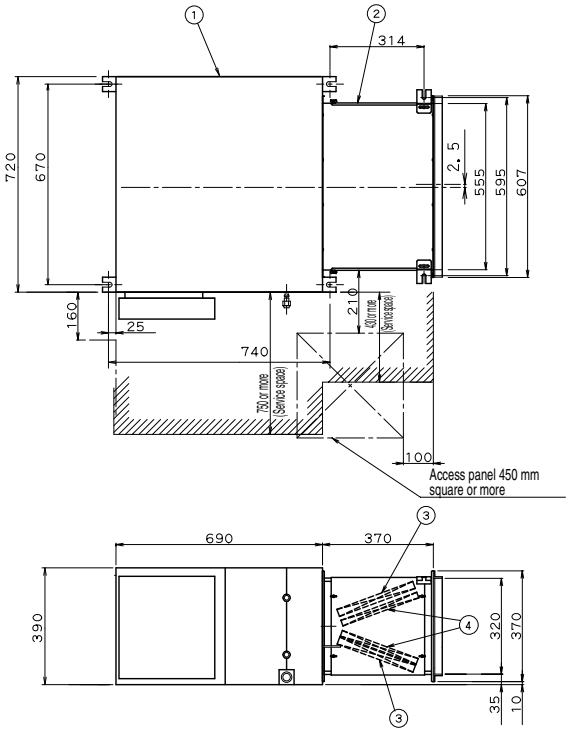


Nr	Part Name	Description
1	Ceiling Mounted Duct Type's Body	
2	Filter Chamber	
3	High Efficiency Filter	
4	Long Life Filter	
5	Drain Pump Kit	Built in a Body
6	Drain Piping Connection	VP25 (O.D. ø32, I.D.ø25)
7	Water Inlet	
8	Drain Hose	Attached to Drain Pump Kit

3D011124B

6.3 Dimensional Drawings with High Efficiency Filter/Long Life Filter

S-40~80EM3HPS



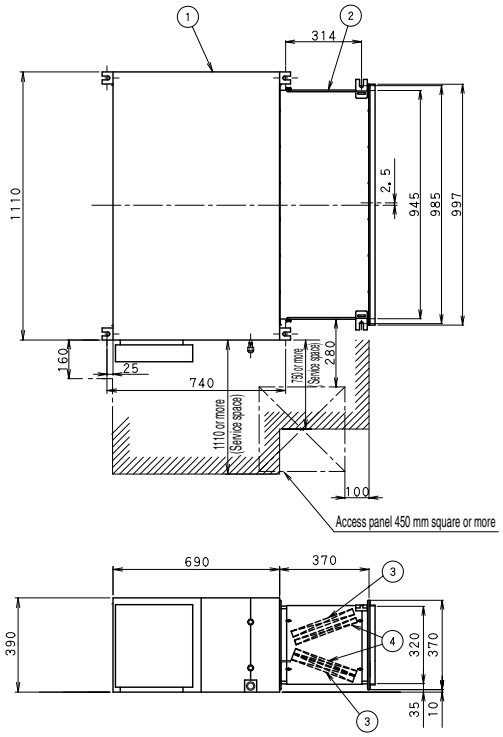
Nr	Part Name	Description
1	Ceiling Mounted Duct Type's Body	
2	Filter Chamber	
3	High Efficiency Filter	
4	Long Life Filter	

Notes:

1. Be sure to provide an air filter in the suction air duct (with dust collection efficiency by more than 50% in the weight method.)
2. Be sure to install a drain trap in the drain piping because the outlet of drain will fall to negative pressure.
3. When a centralized drain system will be applied, each indoor unit should have a drain trap individually.

DU824-202G

S-100·125EM3HPS



Nr	Part Name	Description
1	Ceiling Mounted Duct Type's Body	
2	Filter Chamber	
3	High Efficiency Filter	
4	Long Life Filter	

Notes:

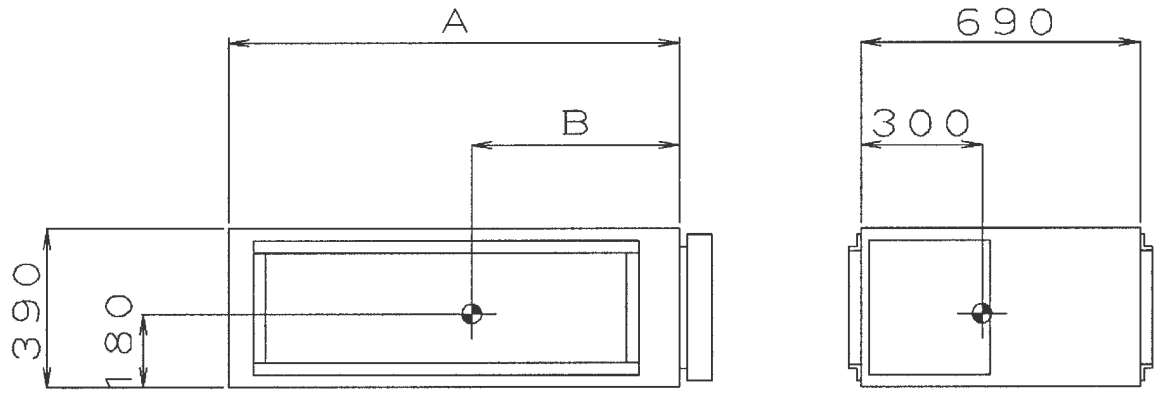
1. Be sure to provide an air filter in the suction air duct (with dust collection efficiency by more than 50% in the weight method.)
2. Be sure to install a drain trap in the drain piping because the outlet of drain will fall to negative pressure.
3. When a centralized drain system will be applied, each indoor unit should have a drain trap individually.

DU827-244G

9

6.4 Centre of Gravity

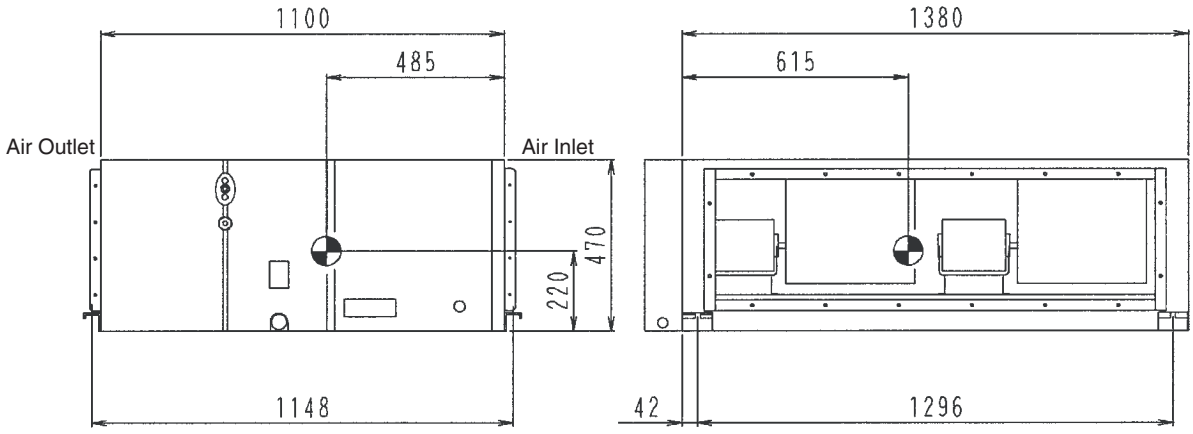
S-40~125EM3HPS



Model	A	B
S-40,50,63,80EM3HPS	720	290
S-100,125EM3HPS	1,110	510

4D040333

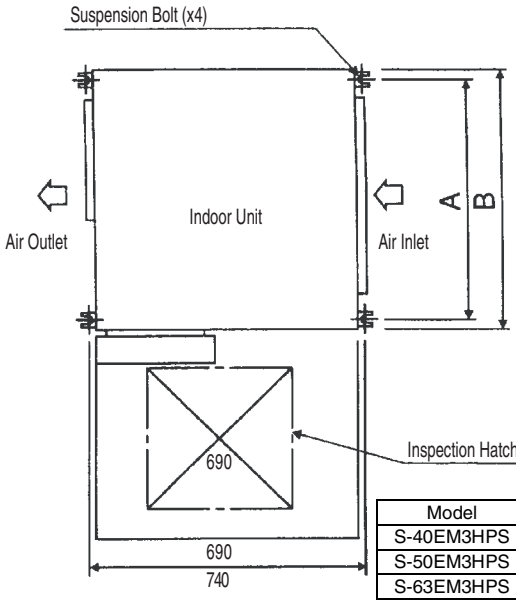
S-200·250EM3HPS



4D035171

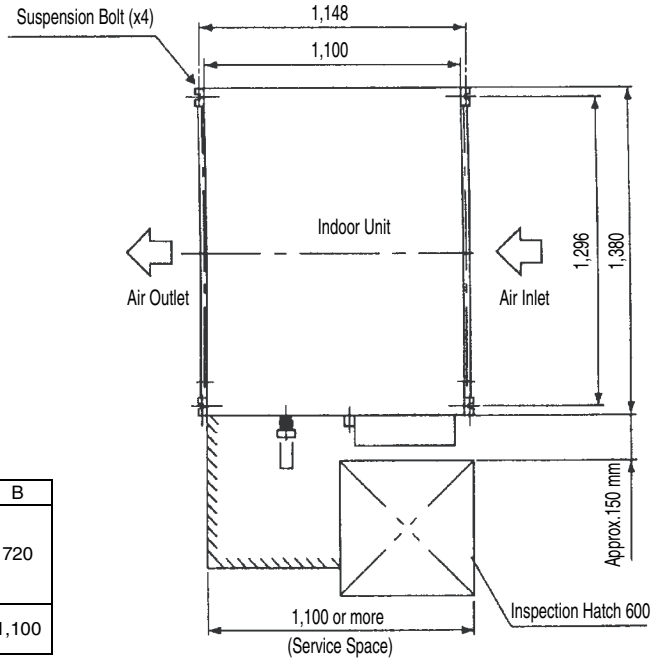
6.5 Bolt Pitch

S-40~125EM3HPS



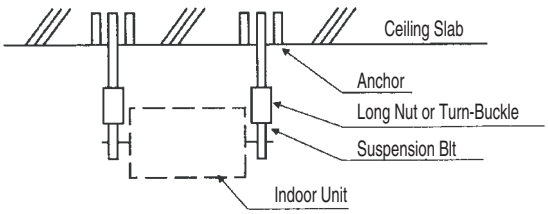
Model	A	B
S-40EM3HPS	670	720
S-50EM3HPS		
S-63EM3HPS		
S-80EM3HPS		
S-100EM3HPS	1,060	1,100
S-125EM3HPS		

S-200·250EM3HPS



Notes:

1. Install a canvas duct to the air discharge outlet and air inlet so that vibration from the machine body is not transmitted to the duct or ceiling. You should also apply acoustic (insulation material) to the inside of the duct, and vibration insulation rubber to the suspension bolts.
2. Install suspension bolts.
   Use bolts of 10 mm diameter.
   Install the equipment where supporting structures are strong enough to bear the equipment's weight. Use embedded inserts or anchor bolts with new buildings and hole-in-anchors with old buildings.



Note:

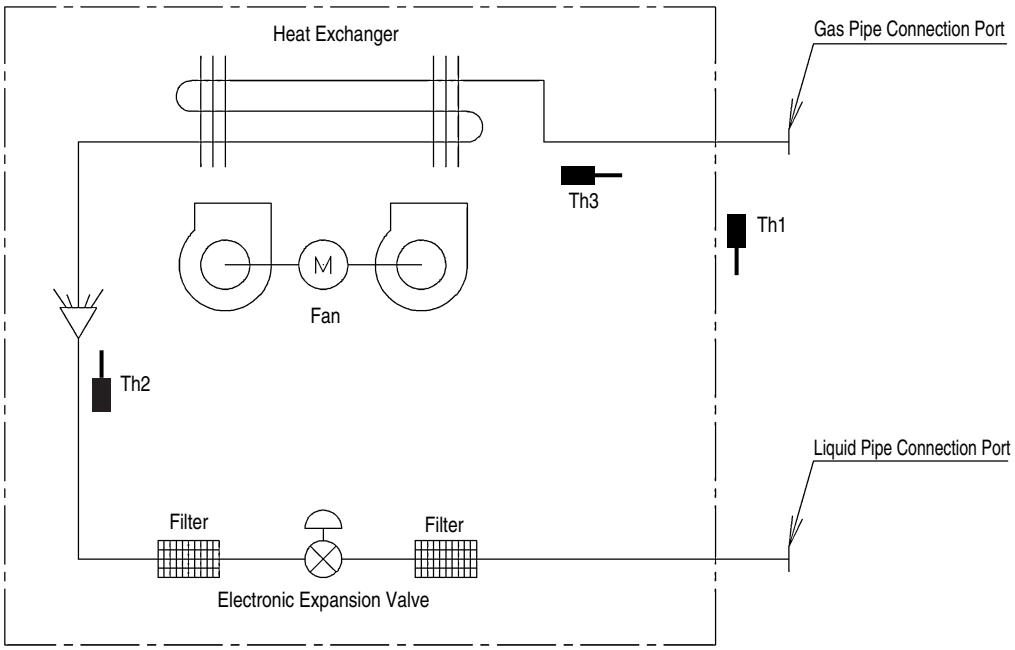
1. All the above parts are to be procured in the field.

3P086156-2-5

9

7. Piping Diagram

S-EM3HPS



Piping Connection Diameters

Model	Gas	Liquid
S-40,50EM3HPS	ø12.7	ø6.4
S-63,80,100,125EM3HPS	ø15.9	ø9.5
S-200EM3HPS	ø19.1	ø9.5
S-250EM3HPS	ø22.2	ø9.5

Th1 : Thermistor for Suction Air Temperature

Th2 : Thermistor for Liquid Line Temperature

Th3 : Thermistor for Gas Line Temperature

Check Valve

Flare Connection

Screw Connection

Flange Connection

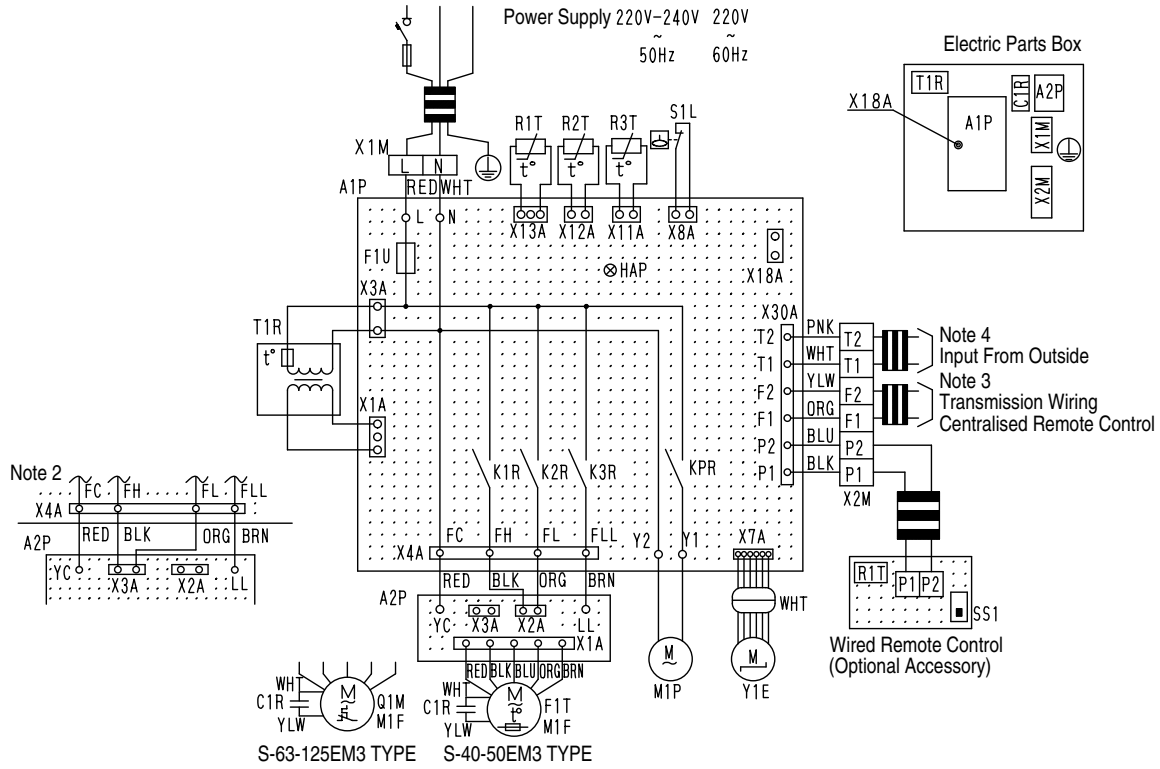
Pinched Pipe

Spinned Pipe

4D034245

8. Wiring Diagrams

S-40~125EM3HPS



Indoor Unit				Optional Parts	
A1P	Printed Circuit Board	M1F	Motor (Indoor Fan)	M1P	Motor (Drain Pump)
A2P	Terminal Board	Q1F	Thermo Switch M1F Built-in only 63-125 Type)		
C1R	Capacitor (M1F)	R1T	Thermistor (air)	Wired Remote Control	
F1T	Thermal Fuse (153°C) (M1F Built-in only 40-50 Type)	R2T • R3T	Thermistor (Coil)	SS1	Selector Switch (Main/Sub)
F1U	Fuse (250V, 5A, (B)) 40-80 Type	S1L	Float Switch	R1T	Thermistor (Air)
F1U	Fuse (250V, 10A, (B)) 100-125 Type	T1R	Transformer (220-240V/22V)		
HAP	Light Emitting Diode (Service Monitor-Green)	X1M	Terminal Strip (Power)		
K1R-K3R	Magnetic Relay (M1F)	X2M	Terminal Strip (Control)	Connector for Optional Parts	
KPR	Magnetic Relay (M1P)	Y1E	Electronic Expansion Valve	X18A	Connector (Wiring Adapter for Electrical Appendices)

: Terminal
: Connector
: Field Wiring

COLORS: BLK : Black PNK : Pink
BLU : Blue RED : Red
BRN : Brown WHT : White
ORG : Orange YLW : Yellow

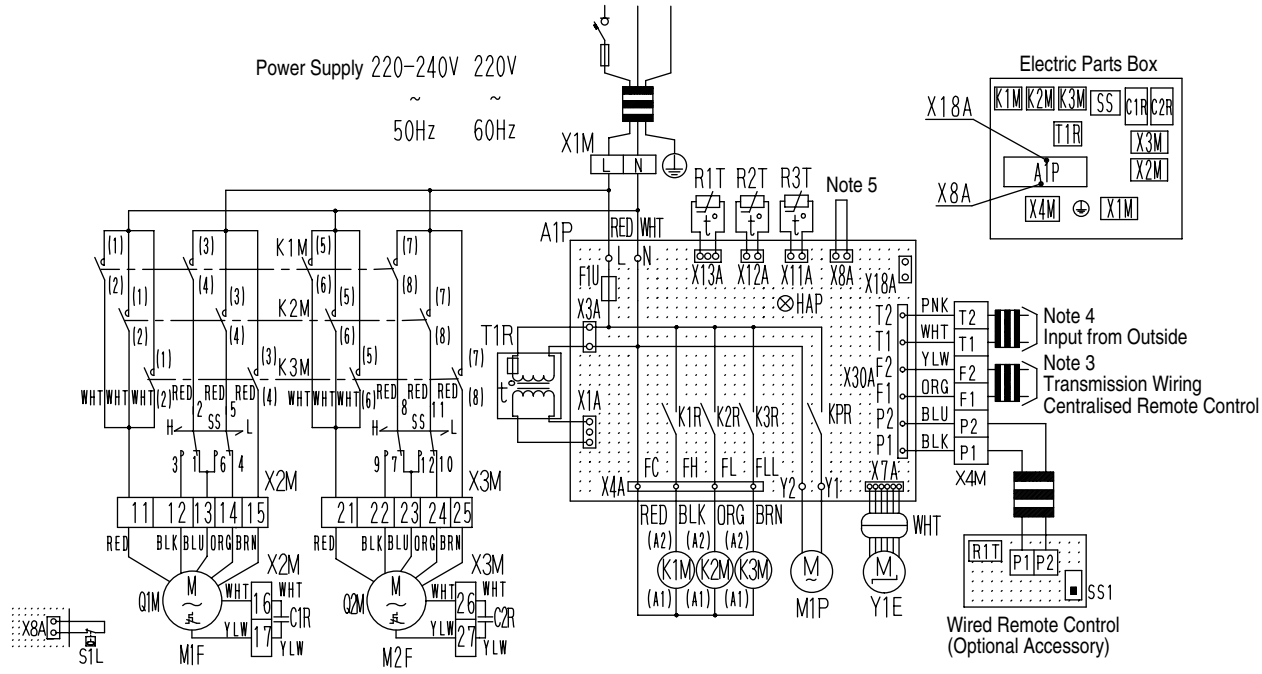
Notes:

1. Use copper conductors only.
2. In case of high E.S.P. operation, change the wiring connection of X2A as shown.
3. In case of using centralized remote control, connect it to the unit in accordance with the attached instruction manual.
4. When connecting the input wires from outside, forced off or on/off control operation can be selected by remote control, more details can be found in the installation manual attached to the unit.

3D039620

9

S-200·250EM3HPS



Indoor Unit				Optional Parts	
A1P	Printed Circuit Board	M1F • 2F	Motor (Indoor Fan)	M1P	Motor (Drain Pump)
C1R • 2R	Capacitor (M1F • 2F)	Q1M • Q2M	Thermo Switch (M1F • 2F Embedded)		
F1U	Fuse (250V, 10A, (B))	R1T	Thermistor (Air)	Wired Remote Control	
HAP	Light Emitting Diode (Service Monitor-Green)	R2T • 3T	Thermistor (Coil)	SS1	Selector Switch (Main/Sub)
K1M	Magnetic Contactor (M1F • 2F)	SS	Selector Switch (Static Pressure)	R1T	Thermistor (Air)
K2M	Magnetic Contactor (M1F • 2F)	T1R	Transformer (220-240V/22V)		
K3M	Magnetic Contactor (M1F • 2F)	X1M	Terminal Strip (Power)	Connector for Optional Parts	
K1R-K2R	Magnetic Relay (M1F • 2F)	X2M-4M	Terminal Strip (Control)	X8A	Connector (Float Switch)
KPR	Magnetic Relay (M1P)	Y1E	Electronic Expansion Valve	X18A	Connector (Wiring Adapter for Electrical Appendices)

: Terminal
: Connector
: Jumper Connector
: Field Wiring

COLORS: BLK : Black PNK : Pink
BLU : Blue RED : Red
BRN : Brown WHT : White
ORG : Orange YLW : Yellow

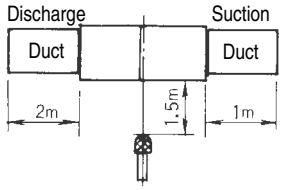
Notes:

1. In case of high E.S.P. operation, change the switch (SS) for "H".
2. Use copper conductors only.
3. In case of using centralized remote control, connect it to the unit in accordance with the attached instruction manual.
4. When connecting the input wires from outside, forced off or on/off control operation can be selected by remote control.
5. In case of installing the drain pump, remove the jumper and execute the additional wiring for float switch (S1L).

3D039621

9. Sound Level

9.1 Sound Level Data

Model	Sound Pressure Level - 220V			Sound Power Level
	H	L	Measuring Location	
S-40EM3HPS	39	35		*
S-50EM3HPS	39	35		*
S-63EM3HPS	42	38		*
S-80EM3HPS	43	39		*
S-100EM3HPS	43	39		*
S-125EM3HPS	45	42		*
S-200EM3HPS	48	45		*
S-250EM3HPS	48	45		*

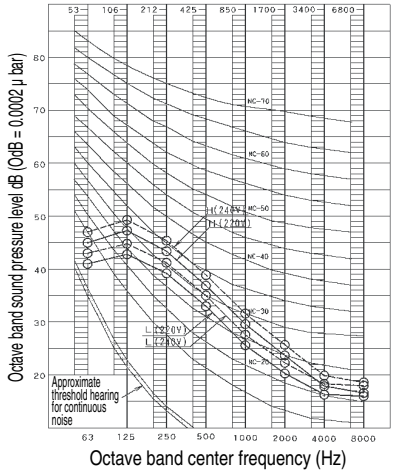
Notes:

1. Reference acoustic pressure 0 dB = 20 Pa.
2. Measuring place: anechoic chamber
3. Operation noise differs with operation and ambient conditions.
   *Data were not available at the time of publication

9.2 Sound Pressure Spectrums

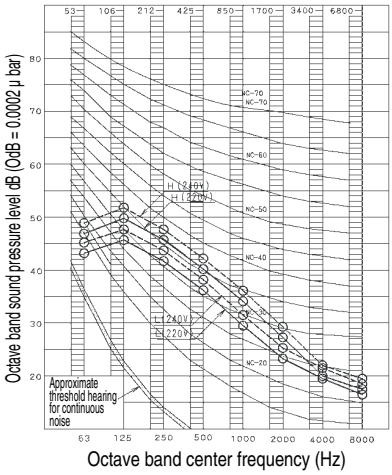
220V
240V

S-40·50EM3HPS



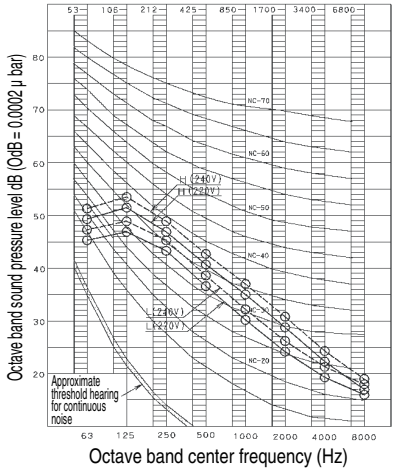
4D034593

S-60EM3HPS



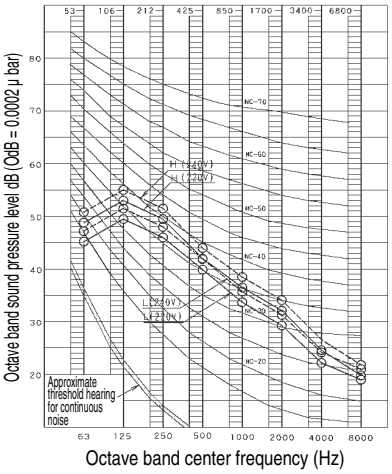
4D034594

S-80·100EM3HPS



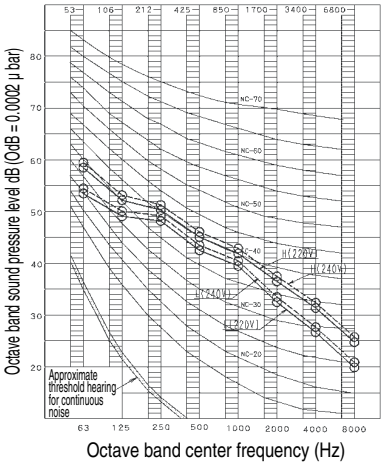
4D034595

S-125EM3HPS



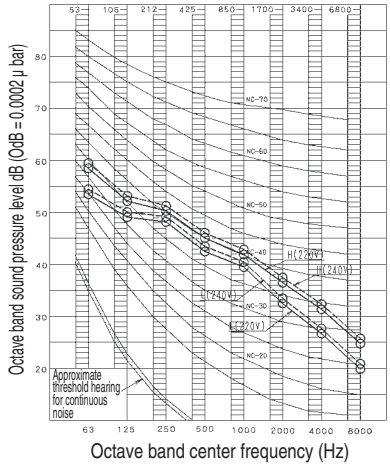
4D034596

S-200EM3HPS



4D035168

S-250EM3HPS

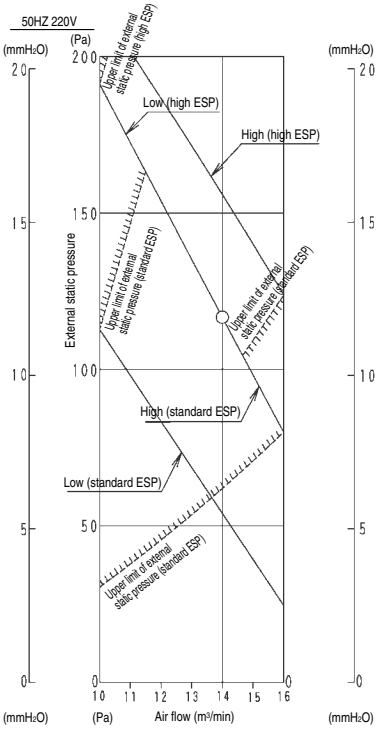


4D035169

9

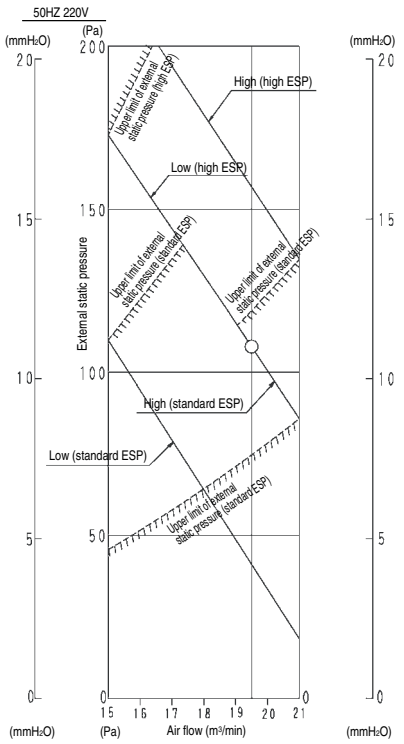
10. Fan Characteristics

S-40·50·63EM3HPS



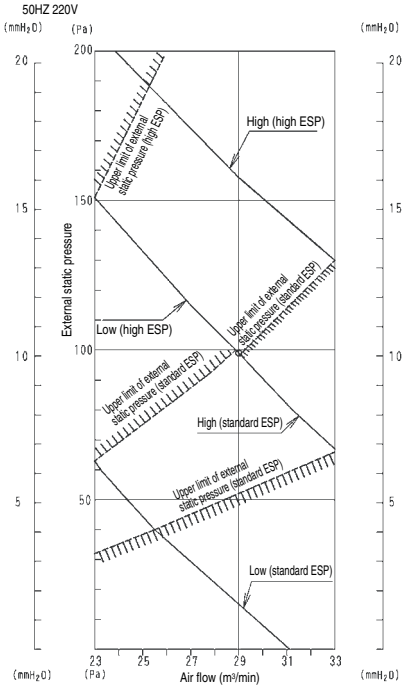
3D019610A

S-80EM3HPS



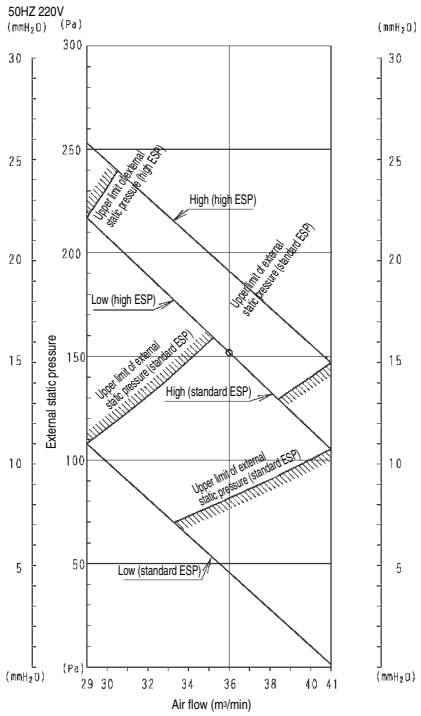
3D018375A

S-100EM3HPS



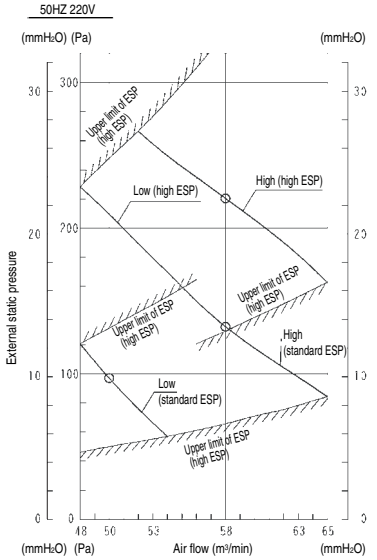
3D000067C

S-125EM3HPS



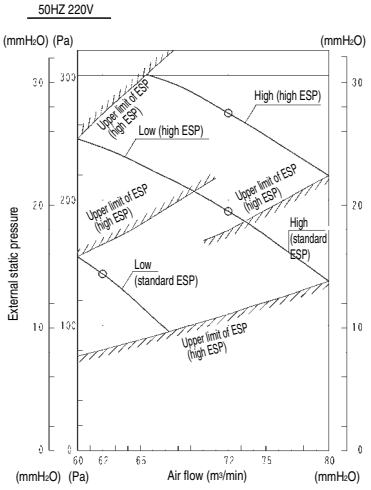
3D000167C

S-200EM3HPS



3D035172

S-250EM3HPS



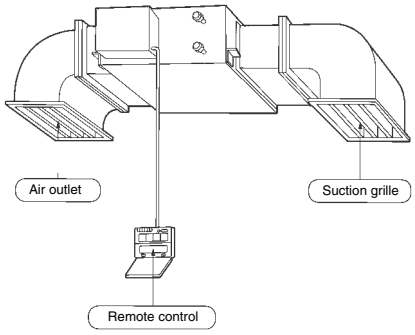
3D035173

Notes:

1. The remote control can be used to switch between “high” and “low”.
2. The air flow is set to “standard” before leaving the factory. It is possible to switch between “standard ESP” and “high ESP” by changing the terminals in the indoor unit electrical box.

11. Installation

11.1 Installation Example

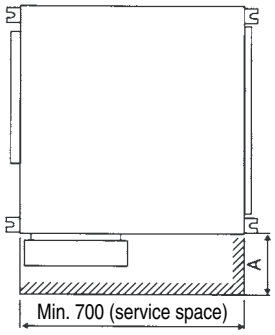


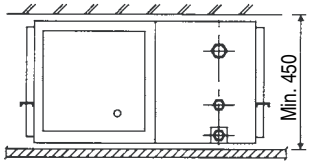
11.2 Service Space

1. Select an Installation Site:

- Where the following conditions are fulfilled and that meets with your customer's approval.
- Where sufficient clearance for maintenance and service can be ensured.
- Where optimum air distribution can be ensured.

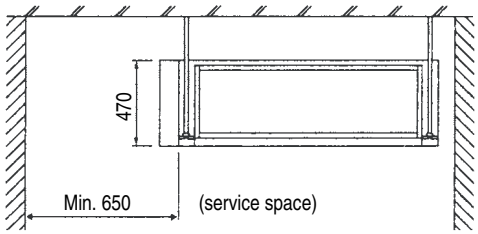
S-40~125EM3HPS





Model	A
S-40EM3HPS	750
S-50EM3HPS	
S-63EM3HPS	
S-80EM3HPS	
S-100EM3HPS	1,100
S-125EM3HPS	

S-200·250EM3HPS



Note:

1. Above figures mean minimum values.

3P086156-2-4

- Where nothing blocks the air passage.
- Where condensation can be properly drained.
- Where piping between indoor and outdoor units is possible within the allowable limit (Refer to the installation manual of the outdoor unit.)
- If supporting structural members are not strong enough to take the unit's weight, the unit could fall out of place and cause serious injury.
- Keep the indoor and outdoor units, power cable and transmission wiring, at least 1 m from TVs and radios, to prevent distorted pictures and static. (Depending on the type and source of the electrical waves, static may be heard even when more than 1þm away.)

2. Check whether the place is strong enough to bear the weight of the unit or not. If there is a risk, reinforce the place before installing the unit.

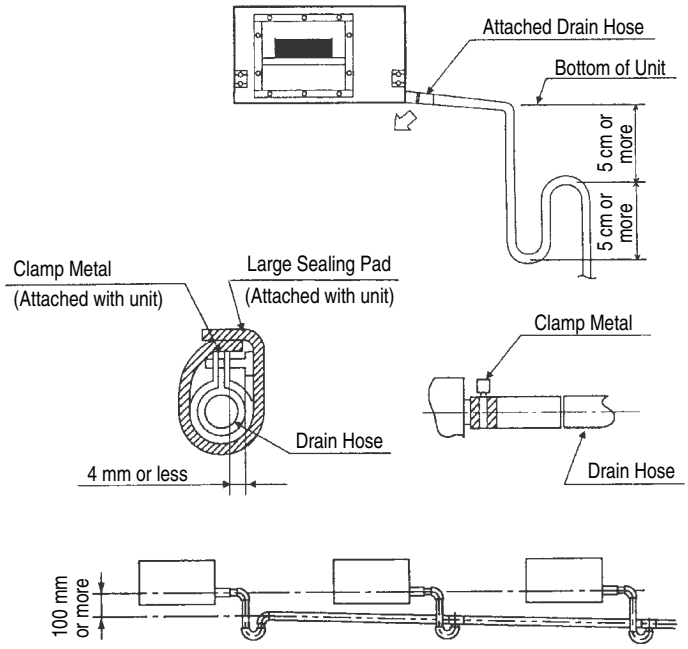
11.3 Drain Piping

- Rig the drain pipe as shown below and take measures against condensation. Improperly rigged piping could lead to leaks and eventually wet furniture and belongings.
- Insulate the drain hose inside the buildings.

1. Install the Drain Pipes

S-40~125EM3HPS

- Keep piping as short as possible and slope it downwards so that air does not remain trapped inside the pipe.
- Keep pipe size equal to or bigger than that of the connecting pipe (Vinyl pipe of 25 mm I.D. and 32 mm E.D.).
- Use the attached drain hose and clamp. Tighten the clamp firmly.
- Insulate the clamp metal with the attached sealing pad.
- There is negative pressure inside the unit relative to atmospheric pressure when the unit is running, so be sure to provide drain trap on the drain outlet. (See the figure)
- In order to prevent foreign matters from building up inside the piping, you should avoid curves as much as possible, and arrange so the trap can be cleaned.



Notes:

1. If installing centralized drain piping, install according to the following right figure. (Install a drain trap for each indoor unit.)

S-200·250EM3HPS

- A drain pipe need not be installed.
- The diameter of the piping is the same as that of the connecting pipe (PS1B), and should be kept equal to or bigger than that of the connecting pipe.

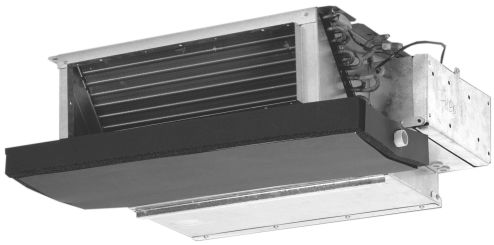
2. After piping work is finished, check if drainage flows smoothly.

S-NM3HPQ
Small Duct Type

1. Features 518
2. Specifications 519
   2.1 Technical Specifications 519
   2.2 Electrical Specifications 519
   2.3 Safety Device Settings 520
3. Accessories 520
4. Control Systems 520
   4.1 Individual Control Systems 520
   4.2 Centralized Control Systems 520
   4.3 Others 520
5. Capacity Tables 521
   5.1 Cooling Capacity 521
   5.2 Heating Capacity 522
6. Dimensions 523
   6.1 Dimensional Drawings 523
7. Piping Diagram 524
8. Wiring Diagrams 525
9. Sound Level 526
   9.1 Sound Level Data 526
   9.2 Sound Pressure Spectrums 526

10

1. Features



- Especially designed for hotel air conditioning:
- The compact size (230mm height x 652mm width) enables the installation in a simple way on a ceiling void.
- The system well matches any space decor because only the suction and discharge grille can be seen.
- The air suction direction can be altered from rear to bottom suction.
- Suction air filter is available as options.
- Low sound pressure level - 32dBA
- Location of the drain pan can be changed whether to the right or to the left upon the request for convenience to install.

2. Specifications

2.1 Technical Specifications

S-NM3HPQ				20	25
Cooling Capacity (1)			kW	2.2	2.8
Heating Capacity (2)			kW	2.5	3.2
Nominal Input	Cooling		W	50	
	Heating		W	50	
Dimensions	HxWxD		mm	230x652x502	
Weight			kg	17	
Casing				Galvanized Steel, Non Painted	
Sound Level	Sound Pressure	High	dBA	37	
		Low	dBA	32	
	Sound Power		dBA	50	
Fan	Air Flow Rate	High	m^3/h	402	444
		Low	m^3/h	312	348
	Type			Sirocco Fan	
	Motor Output	High	W	10	
	Drive			Direct Drive	
Heat Exchanger	Rows x Stages x Fin Pitch		mm	2x12x1.40	
	Face Area		m^2	0.108	
Air Filter				Resin Net with Mold Resistant	
Refrigerant Control				Electronic Expansion Valve	
Temperature Control				Microprocessor Thermostat for Cooling and Heating	
Piping Connections	Liquid	Flare	mm	ø 6.4	
	Gas	Flare	mm	ø 12.7	
	Drain		mm	VP25, External Diameter 27.2, Internal Diameter 21.6	

3TW25771-1

Notes:

1. Nominal cooling capacities are based on:
   - Indoor temperature: 27°CDB, 19°CWB
   - Outdoor temperature: 35°CDB
   - Equivalent refrigerant piping: 8m
   - Level difference: 0m
2. Nominal heating capacities are based on:
   - Indoor temperature: 20°CDB
   - Outdoor temperature: 7°CDB, 6°CWB
   - Equivalent refrigerant piping: 8m
   - Level difference: 0m
3. Capacities are net including a deduction for cooling (an addition for heating) for indoor fan motor heat.

2.2 Electrical Specifications

S-NM3HPQ			20	25
Current	Minimum Circuit Amps (MCA)	A	0.2	
	Maximum Fuse Amps (MFA) (5)	A	16	
Power Supply			1 ~, 50Hz, 230V	
Voltage Range	Min~Max	V	207 ~ 253	
Indoor Fan Motor	Fan Motor Rated Output	W	10	
	Full Load Amps (FLA)	A	0.1	

4TW21461-2A

Notes:

1. Voltage range: units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
2. Maximum allowable voltage range variation between phases is 2%.
3. MCA/MFA:
   MCA = 1.25 × FLA
   MFA ≤ 4 × FLA
   next lower standard fuse rating minimum 16A.
4. Select wire size based on the MCA.
5. Instead of a fuse, use a circuit breaker.

10

2.3 Safety Device Settings

S-NM3HPQ		20	25
Fan Motor Thermal Protector	°C	OFF:$135^{\pm 8}$, (ON:$87^{\pm 15}$)	
PC Board Fuse		250V 10A	

3TW25511-3

3. Accessories

S-NM3HPQ	20	25
Wiring Adapter for Electrical Heater (1)	KRP1B2	

3TW25779-1

Note:

1. Fixing box = KRP1A90

4. Control Systems

4.1 Individual Control Systems

Wired Remote Control		CZ-02RT11P
Infrared Remote Control	Heat Pump	CZ-02RWF12P
Simplified Remote Control		CZ-02RE11P
Remote Control for Hotel Use		CZ-03RE11P

4.2 Centralized Control Systems

Centralized Remote Control	CZ-01ESM11P
Unified On/Off Control	CZ-01ANA11P
Schedule Timer	CZ-01ESW11P

4.3 Others

Wiring Adapter	KRP1B61
BMS Interface Adapter for Unified Group	KRP2A51
BMS Interface Adapter for Individual and Unified Control	KRP4A51
Remote Sensor	CZ-10RSA
Electrical Box with Earth Terminal (3 Blocks)	KIB311A
Electrical Box with Earth Terminal (2 Blocks)	KIB212A
Noise Filter (for Electromagnetic Interface Use Only)	KEK26-1
BMS Interface Adapter for Outdoor Units (Installation on Indoor Unit)	DTA104A61

3TW25779-1A

5. Capacity Tables

5.1 Cooling Capacity

TC: Total Capacity;kW – SHC: Sensible Capacity;kW

Unit Size	Nominal Capacity	Outdoor Air Temp.	Indoor Air Temperature													
			14.0WB		16.0WB		18.0WB		19.0WB		20.0WB		22.0WB		24.0WB	
			20.0DB		23.0DB		26.0DB		27.0DB		28.0DB		30.0DB		32.0DB	
		°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
20	2.2	10.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.9	2.6	1.9	2.9	1.9
		12.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.9	2.6	1.9	2.9	1.9
		14.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.9	2.6	1.9	2.8	1.9
		16.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.9	2.6	1.9	2.8	1.8
		18.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.9	2.6	1.9	2.7	1.8
		20.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.9	2.6	1.9	2.7	1.8
		21.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.9	2.6	1.9	2.7	1.8
		23.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.9	2.6	1.9	2.6	1.7
		25.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.9	2.6	1.8	2.6	1.7
		27.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.9	2.5	1.8	2.6	1.7
		29.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.9	2.5	1.8	2.5	1.7
		31.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.9	2.4	1.8	2.5	1.7
		33.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.9	2.4	1.8	2.5	1.7
		35.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.8	2.4	1.8	2.4	1.7
		37.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.8	2.3	1.8	2.4	1.7
		39.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.2	1.8	2.3	1.7	2.3	1.6
25	2.8	10.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.4	2.3	3.7	2.3
		12.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.4	2.3	3.6	2.2
		14.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.4	2.3	3.6	2.2
		16.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.4	2.3	3.5	2.2
		18.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.4	2.3	3.5	2.2
		20.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.4	2.3	3.4	2.1
		21.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.4	2.3	3.4	2.1
		23.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.3	2.2	3.4	2.1
		25.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.3	2.2	3.3	2.1
		27.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.2	2.2	3.3	2.1
		29.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.2	2.2	3.2	2.0
		31.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.1	2.1	3.2	2.0
		33.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.1	2.1	3.1	2.0
		35.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.0	2.1	3.1	2.0
		37.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	2.9	2.2	3.0	2.1	3.0	2.0
		39.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	2.9	2.2	2.9	2.1	3.0	2.0

3TW25772-1

10

5.2 Heating Capacity

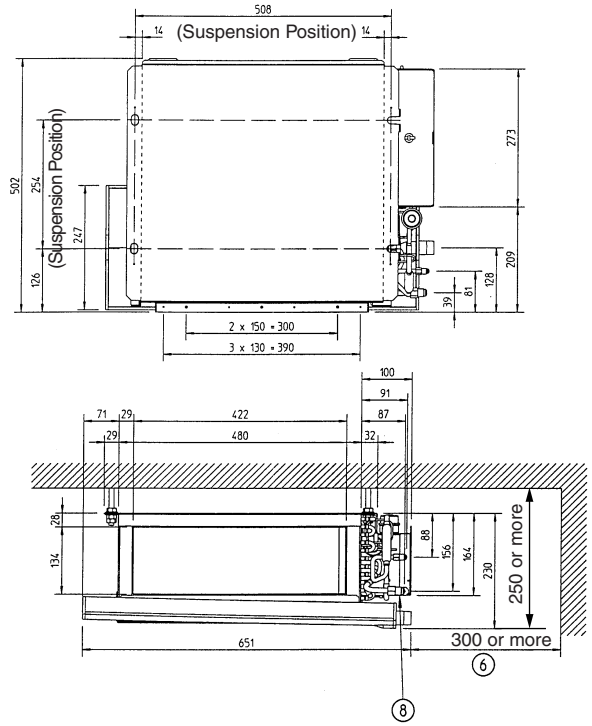
Unit Size	Nominal Capacity	Outdoor Air Temperature		Indoor Air Temperature °CDB					
				16.0	18.0	20.0	21.0	22.0	24.0
		°CDB	°CWB	kW	kW	kW	kW	kW	kW
20	2.5	-19.8	-20.0	1.5	1.5	1.5	1.5	1.5	1.5
		-18.8	-19.0	1.5	1.5	1.5	1.5	1.5	1.5
		-16.7	-17.0	1.6	1.6	1.6	1.6	1.6	1.6
		-14.7	-15.0	1.7	1.7	1.7	1.7	1.7	1.7
		-12.6	-13.0	1.8	1.8	1.8	1.8	1.8	1.8
		-10.5	-11.0	1.9	1.9	1.9	1.9	1.9	1.9
		-9.5	-10.0	1.9	1.9	1.9	1.9	1.9	1.9
		-8.5	-9.1	2.0	2.0	1.9	1.9	1.9	1.9
		-7.0	-7.6	2.0	2.0	2.0	2.0	2.0	2.0
		-5.0	-5.6	2.1	2.1	2.1	2.1	2.1	2.1
		-3.0	-3.7	2.2	2.2	2.2	2.2	2.2	2.2
		0.0	-0.7	2.3	2.3	2.3	2.3	2.3	2.2
		3.0	2.2	2.5	2.5	2.4	2.4	2.3	2.2
		5.0	4.1	2.5	2.5	2.5	2.4	2.3	2.2
		7.0	6.0	2.6	2.6	2.5	2.4	2.3	2.2
		9.0	7.9	2.7	2.7	2.5	2.4	2.3	2.2
		11.0	9.8	2.8	2.7	2.5	2.4	2.3	2.2
		13.0	11.8	2.8	2.7	2.5	2.4	2.3	2.2
		15.0	13.7	2.8	2.7	2.5	2.4	2.3	2.2
25	3.2	-19.8	-20.0	1.9	1.9	1.9	1.9	1.9	1.9
		-18.8	-19.0	1.9	1.9	1.9	1.9	1.9	1.9
		-16.7	-17.0	2.1	2.1	2.0	2.0	2.0	2.0
		-14.7	-15.0	2.2	2.2	2.2	2.2	2.2	2.1
		-12.6	-13.0	2.3	2.3	2.3	2.3	2.3	2.3
		-10.5	-11.0	2.4	2.4	2.4	2.4	2.4	2.4
		-9.5	-10.0	2.5	2.4	2.4	2.4	2.4	2.4
		-8.5	-9.1	2.5	2.5	2.5	2.5	2.5	2.5
		-7.0	-7.6	2.6	2.6	2.6	2.6	2.6	2.6
		-5.0	-5.6	2.7	2.7	2.7	2.7	2.7	2.7
		-3.0	-3.7	2.8	2.8	2.8	2.8	2.8	2.8
		0.0	-0.7	3.0	3.0	3.0	3.0	3.0	2.8
		3.0	2.2	3.1	3.1	3.1	3.1	3.0	2.8
		5.0	4.1	3.3	3.2	3.2	3.1	3.0	2.8
		7.0	6.0	3.4	3.4	3.2	3.1	3.0	2.8
		9.0	7.9	3.5	3.4	3.2	3.1	3.0	2.8
		11.0	9.8	3.6	3.4	3.2	3.1	3.0	2.8
		13.0	11.8	3.6	3.4	3.2	3.1	3.0	2.8
		15.0	13.7	3.6	3.4	3.2	3.1	3.0	2.8

3TW25512-2

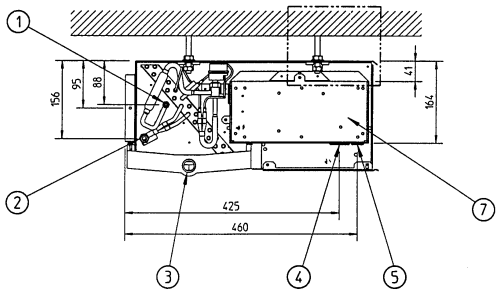
6. Dimensions

6.1 Dimensional Drawings

S-NM3HPQ



Nr	Part Name
1	Liquid Pipe Connection (ϕ6.35)
2	Gas Pipe Connection (ϕ12.7)
3	Drain Hole (o.d. ϕ27.2 - i.d. ϕ21.6)
4	Transmission Wiring Port
5	Power Supply Wiring Port
6	Service Space
7	Switch Box
8	Nameplate

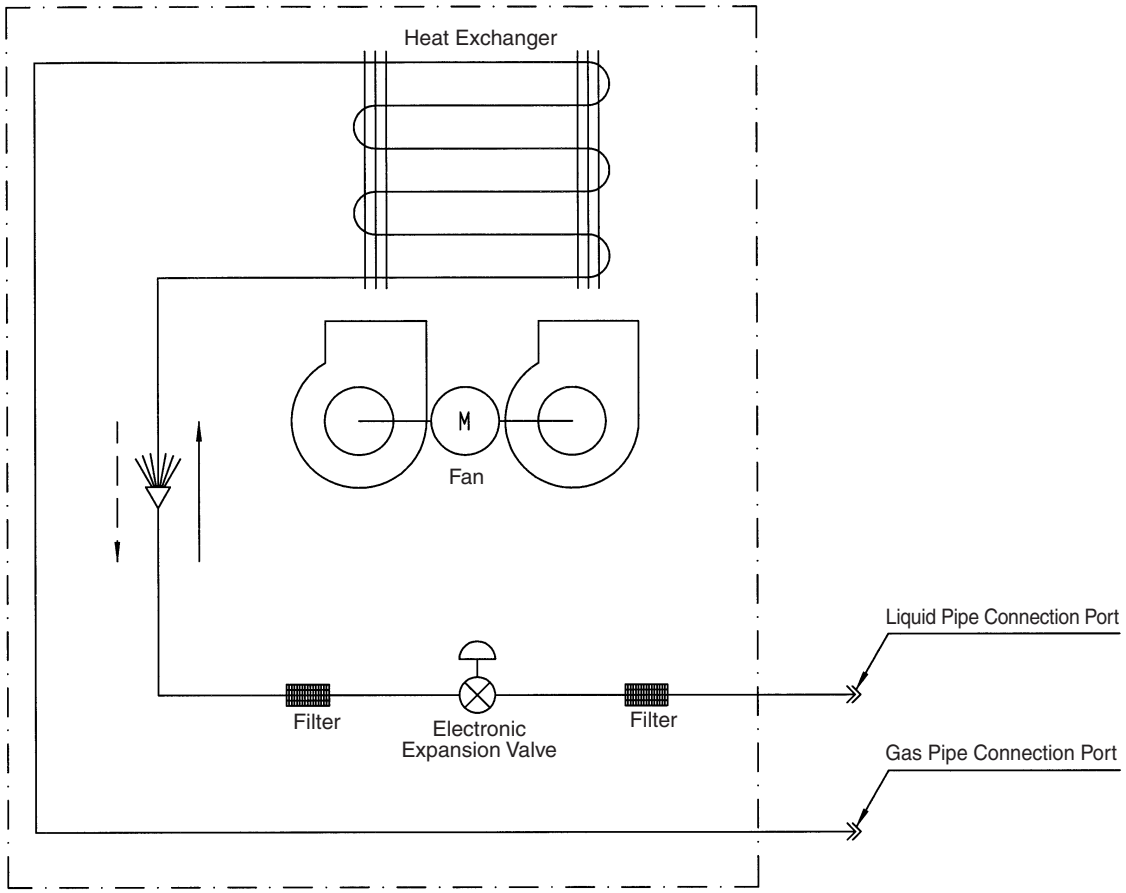


3TW25774-1

10

7. Piping Diagram

S-20·25NM3HPQ



Refrigerant Flow

Cooling ——→

Heating - - - - →

Piping Connection Diameters

Model	Gas	Liquid
S-20,25NM3HPQ	ϕ12.7	ϕ6.4

Check Valve

Flare Connection

Screw Connection

Flange Connection

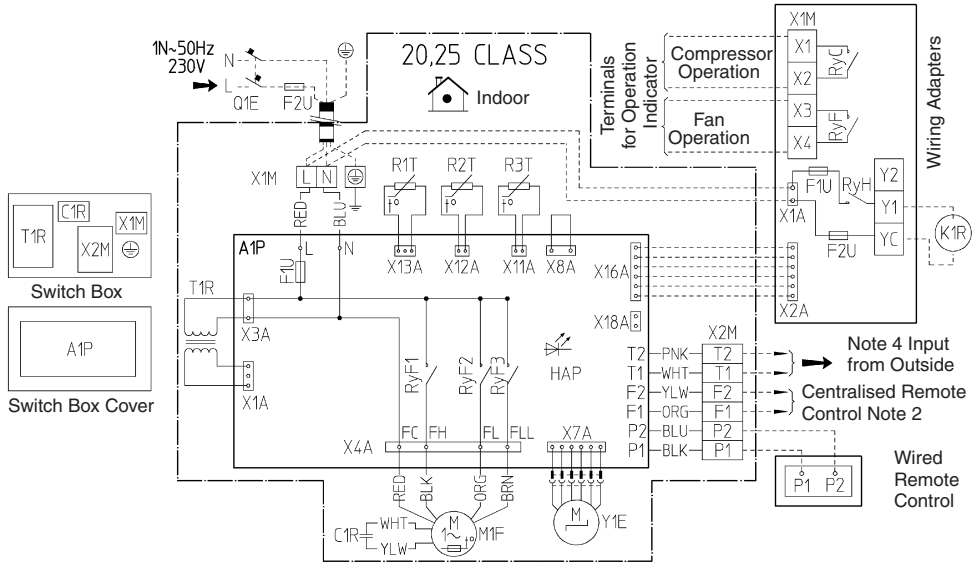
Pinched Pipe

Spinned Pipe

3TW21175-1

8. Wiring Diagrams

S-20·25NM3HPQ



A1P	Printed Circuit Board	RyF1-3	Magnetic Relay (Fan)	RyC, RyF	Magnetic Relay
C1R	Capacitor (Fan)	T1R	Transformer (220-240V/22V)	RyH	Magnetic Relay (J1EH)
F1U	Fuse (250V, 10A)	X1M	Terminal Strip (Power)	F1U, F2U	Fuse (250V, 5A)
F2U	Field Fuse	X2M	Terminal Strip (Control)	X1A, X2A	Connector (Wiring Adapter)
HAP	Light Emitting Diode (Service Monitor-Green)	Y1E	Electronic Expansion Valve	X1M	Terminal Strip
M1F	Motor (Fan)	Optional Parts		Connector for Optional Parts	
Q1E	Earth Leak Detector	J1EH	Electric Heater	X16A	Connector (Wiring Adapter)
R1T	Thermistor (Air)	K1R	Magnetic Relay (J1EH)	X18A	Connector (Wiring Adapter for Electronic Appendices)
R2T, R3T	Thermistor (Refrigerant)	Wiring Adapter			

: Field Wiring
L : Live
N : Neutral
: Connector
: Wire Clamp
: Protective Earth (Screw)

COLORS : BLK : Black PNK : Pink
BLU : Blue RED : Red
BRN : Brown WHT : White
ORG : Orange YLW : Yellow

Notes:

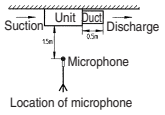
1. Use copper conductors only.
2. When using a centralized remote control, see manual for connection to the unit.
3. When installing the electric heater change the wiring for the heater circuit. The main power supply has to be supplied independently.
4. When connecting the input wires from the outdoor unit 'forced off' or 'on/off' operation can be selected by the remote control. For more details see installation manual.

2TW23666-1B

10

9. Sound Level

9.1 Sound Level Data

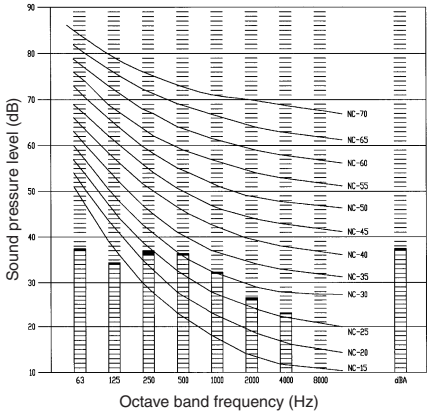
Model	Sound Pressure Level - 230V			Sound Power Level
	H	L	Measuring location	
S-20NM3HPQ	37	32		50
S-25NM3HPQ	37	32		50

Notes

1. dBA = A-weighted sound pressure level (A-scale according to IEC).
2. Reference acoustic pressure 0 dB = 20 Pa.
3. These operating values were obtained using a power source of 230V/50Hz.
4. These operating values were obtained in a dead room (conversion values). Noise values will vary depending on a range of factors such as the construction of the particular room in which the equipment is installed.
5. Operating noise differs with operation and ambient conditions.

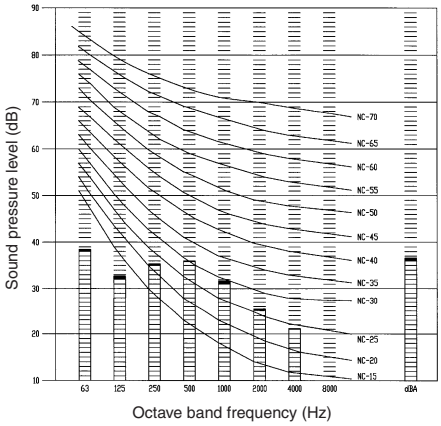
9.2 Sound Pressure Spectrums

S-20NM3HPQ



3TW21467-1

S-25NM3HPQ



3TW21477-1

S-TM3JPR
Ceiling Type

1. Features 528
2. Specifications 529
   2.1 Technical Specifications 529
   2.2 Electrical Specifications 529
   2.3 Safety Device Settings 530
3. Accessories 530
4. Control Systems 530
   4.1 Individual Control Systems 530
   4.2 Centralized Control Systems 530
   4.3 Others 530
5. Capacity Tables 531
   5.1 Cooling Capacity 531
   5.2 Heating Capacity 532
6. Dimensions 533
7. Piping Diagram 535
8. Wiring Diagram 536
9. Sound Level 537
   9.1 Sound Level Data 537
   9.2 Sound Pressure Spectrums 537
10. Air Flow Pattern 538

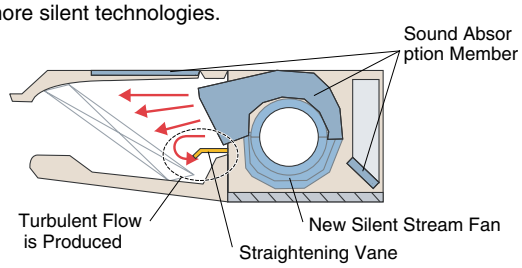
1. Features



Slim body with quieter and wider air flow

●Adoption of Newly Designed SILENT STREAM FAN

Uses the new silent stream fan and many more silent technologies.



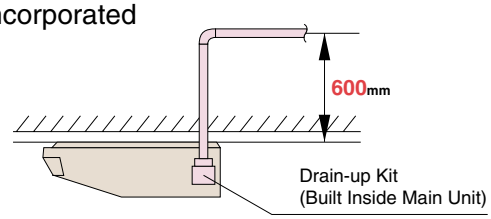
●Low Operating Sound

(dB(A))

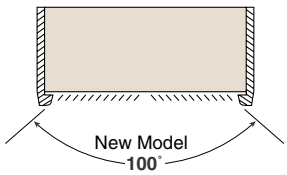
Class	32	63	100
Operating Sound (H/L)	36/31	39/34	45/37

●Installation is Easy

- Drain-up kit (optional) can be easily incorporated



●Wide Air Discharge Openings Produce a Spreading 100˚ Air Flow

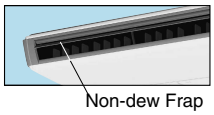




●Maintenance is Easy

- New Non-dew Frap with no implanted

Bristle-free Frap minimizes contamination and makes cleaning simpler.



- Easy to clean flat design
- Maintenance is easier because everything can be performed from below the unit
- A long-life filter (maintenance free up to one year) is equipped as standard

2. Specifications

2.1 Technical Specifications

S-TM3JPR				32	63	100
Cooling Capacity (1)			kW	3.6	7.1	11.2
Heating Capacity (2)			kW	4.0	8.0	12.5
Nominal Input	Cooling		W	111	115	135
	Heating		W	111	115	135
Dimensions	HxWxD		mm	195x960x680	195x1,160x680	195x1,400x680
Weight			kg	24	28	33
Colour	Decoration Panel			white (10Y9/0.5)		
Sound Level	Sound Pressure	High	dBA	36	39	45
		Low	dBA	31	34	37
	Sound Power		dBA	*	*	*
Fan	Air Flow Rate	High	m^3/h	720	1,050	1,500
		Low	m^3/h	600	840	1,170
	Type			sirocco fan		
	Model			3D12K1AA1	4D12K1AA1	3D12K2AA1
	Motor Output		W	62	62	130
	Drive			direct drive		
Heat Exchanger	Rows x Stages x Fin Pitch		mm	2x12x1.75	3x12x1.75	3x12x1.75
	Face Area		m^2	0.182	0.233	0.293
Air Filter				Resin Net with Mold Resistant		
Refrigerant Control				Electronic Expansion Valve		
Temperature Control				Microprocessor Thermostat for Cooling and Heating		
Piping Connections	Liquid	Flare	mm	ø 6.4	ø 9.5	
	Gas	Flare	mm	ø 12.7	ø 15.9	
	Drain			VP20, External Diameter 26, Internal Diameter 20		
Sound Absorbing Insulation Material				Glass Wool		

3D038815

Notes:

1. Nominal cooling capacities are based on:
   · Indoor temperature: 27°CDB, 19°CWB
   · Outdoor temperature: 35°CDB
   · Equivalent refrigerant piping: 7.5m (horizontal)
2. Nominal heating capacities are based on:
   · Indoor temperature: 20°CDB
   · Outdoor temperature: 7°CDB, 6°CWB
   · Equivalent refrigerant piping: 7.5m (horizontal)
3. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.

* data were not available at the time of publication

11

2.2 Electrical Specifications

S-TM3JPR			32	63	100
Current	Minimum Circuit Amps (MCA)	A	0.8		0.9
	Maximum Fuse Amps (MFA) (5)	A	15		
Power Supply		VE	1 ~, 50Hz, 220-240V		
Voltage Range	Min~Max	V	198~264		
Indoor Fan Motor	Fan Motor Rated Output	W	62		130
	Full Load Amps (FLA)	A	0.6		0.7

4D035304

Notes:

1. Voltage range: units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
2. Maximum allowable voltage range variation between phases is 2%.
3. MCA/MFA:
   MCA = 1.25 x FLA
   MFA ≤ 4 x FLA (next lower standard fuse rating minimum 15A.)
4. Select wire size based on the MCA.
5. Instead of a fuse, use a circuit breaker

2.3 Safety Device Settings

S-TM3JPR		32	63	100
PC Board Fuse		250V 5A		
Fan Motor Thermal Protector	°C	OFF: $130^{\pm5}$ / ON: $80^{\pm20}$		

3D034597A

3. Accessories

S-TM3JPR		32	63	100
Drain Pump Kit		KDU50M60VE	KDU50M125VE	KDU50M125VE
Replacement Long-Life Filter	Resin net	KAFJ501D56	KAFJ501D80	KAFJ501D112
L-Type Piping Kit for Upward Direction		KHFP5M35	KHFP5M63	KHFP5M63

4D040446

4. Control Systems

4.1 Individual Control Systems

Wired Remote Control		CZ-02RT11P
Infrared Remote Control	Heat pump	CZ-01RWT12P

4.2 Centralized Control Systems

Centralized Remote Control	CZ-01ESM11P
Unified On/Off Control	CZ-01ANA11P
Schedule Timer	CZ-01ESW11P

4.3 Others

Wiring Adapter	KRP1B3
BMS Interface Adapter for Unified Group	KRP2A62 #
BMS Interface Adapter for Individual and Unified Control	KRP4A52 #
Remote Sensor	CZ-10RSA
Installation Box for Adapter PCB	KRP1C93 (2)
Electrical Box with Earth Terminal (3 Blocks)	KJB311A
Electrical Box with Earth Terminal (2 Blocks)	KJB212A
Noise Filter (for Electromagnetic Interface Use Only)	KEK26-1
BMS Interface Adapter for Outdoor Units (Installation on Indoor Unit)	DTA104A62 #

3D034600A

Notes:

1. Installation box is necessary for each adapter marked with #
2. Only 1 installation box can be installed per indoor unit

5. Capacity Tables

5.1 Cooling Capacity

TC: Total Capacity;kW – SHC: Sensible Capacity;kW

Unit size	Nominal capacity	Outdoor air temp.	Indoor air temperature													
			14.0WB		16.0WB		18.0WB		19.0WB		20.0WB		22.0WB		24.0WB	
			20.0DB		23.0DB		26.0DB		27.0DB		28.0DB		30.0DB		32.0DB	
		°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
32	3.6	10.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.8	2.9	4.3	3.0	4.7	3.1
		12.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.8	2.9	4.3	3.0	4.7	3.0
		14.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.8	2.9	4.3	3.0	4.6	3.0
		16.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.8	2.9	4.3	3.0	4.6	3.0
		18.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.8	2.9	4.3	3.0	4.5	2.9
		20.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.8	2.9	4.3	3.0	4.4	2.9
		21.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.8	2.9	4.3	3.0	4.4	2.9
		23.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.8	2.9	4.2	3.0	4.3	2.8
		25.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.8	2.9	4.2	2.9	4.3	2.8
		27.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.8	2.9	4.1	2.9	4.2	2.8
		29.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.8	2.9	4.1	2.9	4.2	2.7
		31.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.8	2.9	4.0	2.8	4.1	2.7
		33.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.8	2.9	3.9	2.8	4.0	2.7
		35.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.8	2.9	3.9	2.8	4.0	2.7
		37.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.7	2.9	3.8	2.8	3.9	2.7
		39.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.7	2.9	3.8	2.7	3.8	2.6
63	7.1	10.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	8.5	5.5	9.3	5.6
		12.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	8.5	5.5	9.2	5.5
		14.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	8.5	5.5	9.1	5.4
		16.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	8.5	5.5	9.0	5.3
		18.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	8.5	5.5	8.8	5.3
		20.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	8.5	5.5	8.7	5.2
		21.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	8.5	5.5	8.7	5.2
		23.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	8.4	5.4	8.5	5.1
		25.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	8.3	5.4	8.4	5.1
		27.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	8.1	5.3	8.3	5.0
		29.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	8.0	5.2	8.2	5.0
		31.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	7.9	5.1	8.1	4.9
		33.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	7.8	5.1	7.9	4.9
		35.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.5	5.3	7.7	5.1	7.8	4.8
		37.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.4	5.2	7.5	5.0	7.7	4.8
		39.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.2	5.1	7.4	5.0	7.6	4.7
100	11.2	10.0	7.6	6.2	9.0	6.9	10.5	7.8	11.2	8.0	11.9	8.1	13.4	8.5	14.7	8.7
		12.0	7.6	6.2	9.0	6.9	10.5	7.8	11.2	8.0	11.9	8.1	13.4	8.5	14.5	8.5
		14.0	7.6	6.2	9.0	6.9	10.5	7.8	11.2	8.0	11.9	8.1	13.4	8.5	14.4	8.4
		16.0	7.6	6.2	9.0	6.9	10.5	7.8	11.2	8.0	11.9	8.1	13.4	8.5	14.2	8.3
		18.0	7.6	6.2	9.0	6.9	10.5	7.8	11.2	8.0	11.9	8.1	13.4	8.5	14.0	8.2
		20.0	7.6	6.2	9.0	6.9	10.5	7.8	11.2	8.0	11.9	8.1	13.4	8.5	13.8	8.1
		21.0	7.6	6.2	9.0	6.9	10.5	7.8	11.2	8.0	11.9	8.1	13.4	8.5	13.7	8.0
		23.0	7.6	6.2	9.0	6.9	10.5	7.8	11.2	8.0	11.9	8.1	13.2	8.3	13.5	7.9
		25.0	7.6	6.2	9.0	6.9	10.5	7.8	11.2	8.0	11.9	8.1	13.0	8.2	13.3	7.8
		27.0	7.6	6.2	9.0	6.9	10.5	7.8	11.2	8.0	11.9	8.1	12.8	8.1	13.1	7.7
		29.0	7.6	6.2	9.0	6.9	10.5	7.8	11.2	8.0	11.9	8.1	12.6	8.0	12.9	7.6
		31.0	7.6	6.2	9.0	6.9	10.5	7.8	11.2	8.0	11.9	8.1	12.4	7.9	12.7	7.6
		33.0	7.6	6.2	9.0	6.9	10.5	7.8	11.2	8.0	11.9	8.1	12.2	7.8	12.5	7.5
		35.0	7.6	6.2	9.0	6.9	10.5	7.8	11.2	8.0	11.8	8.1	12.1	7.7	12.3	7.4
		37.0	7.6	6.2	9.0	6.9	10.5	7.8	11.2	8.0	11.6	8.0	11.9	7.7	12.2	7.3
		39.0	7.6	6.2	9.0	6.9	10.5	7.8	11.2	8.0	11.4	7.9	11.7	7.6	12.0	7.2

CA03A095

11

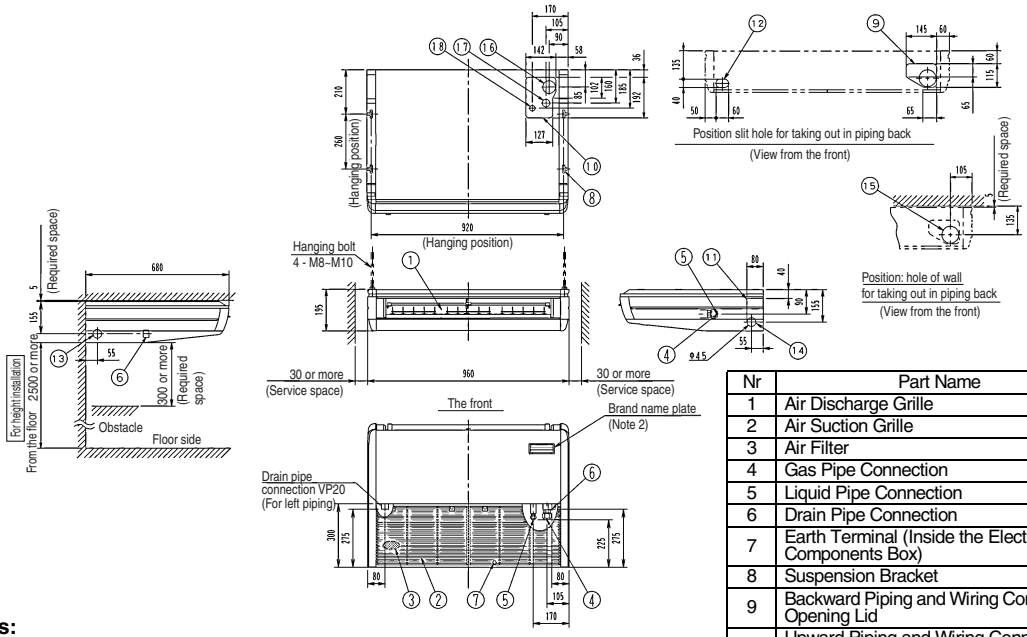
5.2 Heating Capacity

Unit Size	Nominal capacity	Outdoor air temperature		Indoor air temperature °CDB					
				16.0	18.0	20.0	21.0	22.0	24.0
		°CDB	°CWB	kW	kW	kW	kW	kW	kW
32	4.0	-19.8	-20.0	2.4	2.4	2.3	2.3	2.3	2.3
		-18.8	-19.0	2.4	2.4	2.4	2.4	2.4	2.4
		-16.7	-17.0	2.6	2.6	2.6	2.6	2.6	2.5
		-14.7	-15.0	2.7	2.7	2.7	2.7	2.7	2.7
		-12.6	-13.0	2.9	2.8	2.8	2.8	2.8	2.8
		-10.5	-11.0	3.0	3.0	3.0	3.0	3.0	3.0
		-9.5	-10.0	3.1	3.1	3.1	3.1	3.0	3.0
		-8.5	-9.1	3.1	3.1	3.1	3.1	3.1	3.1
		-7.0	-7.6	3.2	3.2	3.2	3.2	3.2	3.2
		-5.0	-5.6	3.4	3.4	3.4	3.4	3.4	3.4
		-3.0	-3.7	3.5	3.5	3.5	3.5	3.5	3.5
		0.0	-0.7	3.7	3.7	3.7	3.7	3.7	3.5
		3.0	2.2	3.9	3.9	3.9	3.9	3.7	3.5
		5.0	4.1	4.1	4.1	4.0	3.9	3.7	3.5
		7.0	6.0	4.2	4.2	4.0	3.9	3.7	3.5
		9.0	7.9	4.3	4.3	4.0	3.9	3.7	3.5
		11.0	9.8	4.5	4.3	4.0	3.9	3.7	3.5
		13.0	11.8	4.5	4.3	4.0	3.9	3.7	3.5
		15.0	13.7	4.5	4.3	4.0	3.9	3.7	3.5
63	8.0	-19.8	-20.0	4.7	4.7	4.7	4.7	4.7	4.7
		-18.8	-19.0	4.9	4.9	4.8	4.8	4.8	4.8
		-16.7	-17.0	5.1	5.1	5.1	5.1	5.1	5.1
		-14.7	-15.0	5.4	5.4	5.4	5.4	5.4	5.4
		-12.6	-13.0	5.7	5.7	5.7	5.7	5.7	5.7
		-10.5	-11.0	6.0	6.0	6.0	6.0	6.0	5.9
		-9.5	-10.0	6.1	6.1	6.1	6.1	6.1	6.1
		-8.5	-9.1	6.3	6.3	6.2	6.2	6.2	6.2
		-7.0	-7.6	6.5	6.5	6.4	6.4	6.4	6.4
		-5.0	-5.6	6.8	6.7	6.7	6.7	6.7	6.7
		-3.0	-3.7	7.0	7.0	7.0	7.0	7.0	7.0
		0.0	-0.7	7.5	7.4	7.4	7.4	7.4	7.0
		3.0	2.2	7.9	7.8	7.8	7.7	7.5	7.0
		5.0	4.1	8.1	8.1	8.0	7.7	7.5	7.0
		7.0	6.0	8.4	8.4	8.0	7.7	7.5	7.0
		9.0	7.9	8.7	8.5	8.0	7.7	7.5	7.0
		11.0	9.8	8.9	8.5	8.0	7.7	7.5	7.0
		13.0	11.8	9.0	8.5	8.0	7.7	7.5	7.0
		15.0	13.7	9.0	8.5	8.0	7.7	7.5	7.0
100	12.5	-19.8	-20.0	7.4	7.4	7.3	7.3	7.3	7.3
		-18.8	-19.0	7.6	7.6	7.6	7.5	7.5	7.5
		-16.7	-17.0	8.0	8.0	8.0	8.0	8.0	8.0
		-14.7	-15.0	8.5	8.5	8.4	8.4	8.4	8.4
		-12.6	-13.0	8.9	8.9	8.9	8.9	8.9	8.8
		-10.5	-11.0	9.4	9.3	9.3	9.3	9.3	9.3
		-9.5	-10.0	9.6	9.6	9.5	9.5	9.5	9.5
		-8.5	-9.1	9.8	9.8	9.7	9.7	9.7	9.7
		-7.0	-7.6	10.1	10.1	10.1	10.1	10.1	10.0
		-5.0	-5.6	10.6	10.5	10.5	10.5	10.5	10.5
		-3.0	-3.7	11.0	11.0	10.9	10.9	10.9	10.9
		0.0	-0.7	11.6	11.6	11.6	11.6	11.6	10.9
		3.0	2.2	12.3	12.3	12.2	12.1	11.7	10.9
		5.0	4.1	12.7	12.7	12.5	12.1	11.7	10.9
		7.0	6.0	13.1	13.1	12.5	12.1	11.7	10.9
		9.0	7.9	13.5	13.3	12.5	12.1	11.7	10.9
		11.0	9.8	14.0	13.3	12.5	12.1	11.7	10.9
		13.0	11.8	14.1	13.3	12.5	12.1	11.7	10.9
		15.0	13.7	14.1	13.3	12.5	12.1	11.7	10.9

CA03A095

6. Dimensions

S-32TM3JPR

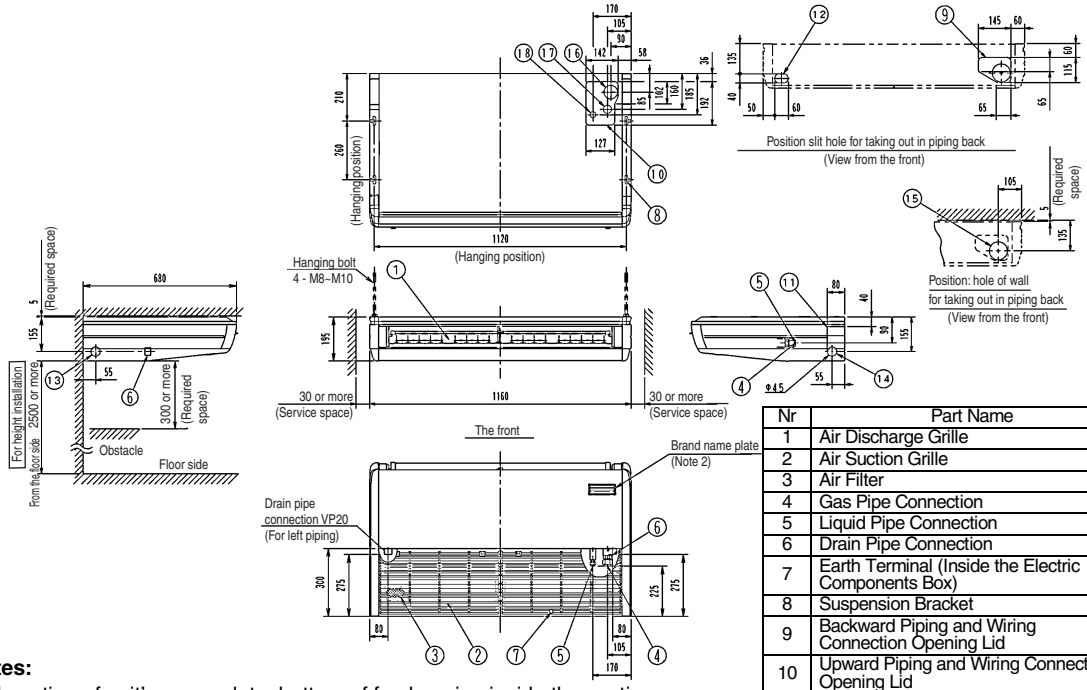


Nr	Part Name	Description
1	Air Discharge Grille	
2	Air Suction Grille	
3	Air Filter	
4	Gas Pipe Connection	ø 12.7 Flare
5	Liquid Pipe Connection	ø 6.4 Flare
6	Drain Pipe Connection	VP20
7	Earth Terminal (Inside the Electric Components Box)	M4
8	Suspension Bracket	
9	Backward Piping and Wiring Connection Opening Lid	
10	Upward Piping and Wiring Connection Opening Lid	
11	Right Side Pipe Connection	Slit Hole
12	Left Back Drain Pipe Connection	Slit Hole
13	Left Side Drain Pipe Connection	Slit Hole
14	Right Side Drain Pipe Connection	Slit Hole
15	Hole of Wall for Taking Out in Piping Back	ø 100
16	Upward Drain Pipe Connection	ø 60
17	Upward Gas Pipe Connection	ø 36
18	Upward Liquid Pipe Connection	ø 26

Notes:
1. Location of unit's name plate: bottom of fan housing inside the suction grille.
2. In case of using infrared remote control, this position will be a signal receiver. Refer to the drawing of infrared remote control, in detail.
3. The remote control code is standard (about 3m outside the machine) attached. (0.5mm^2 x 2 wicks x O.D. ø 5.4) (It is not attached to VRV)

3D038855

S-63TM3JPR



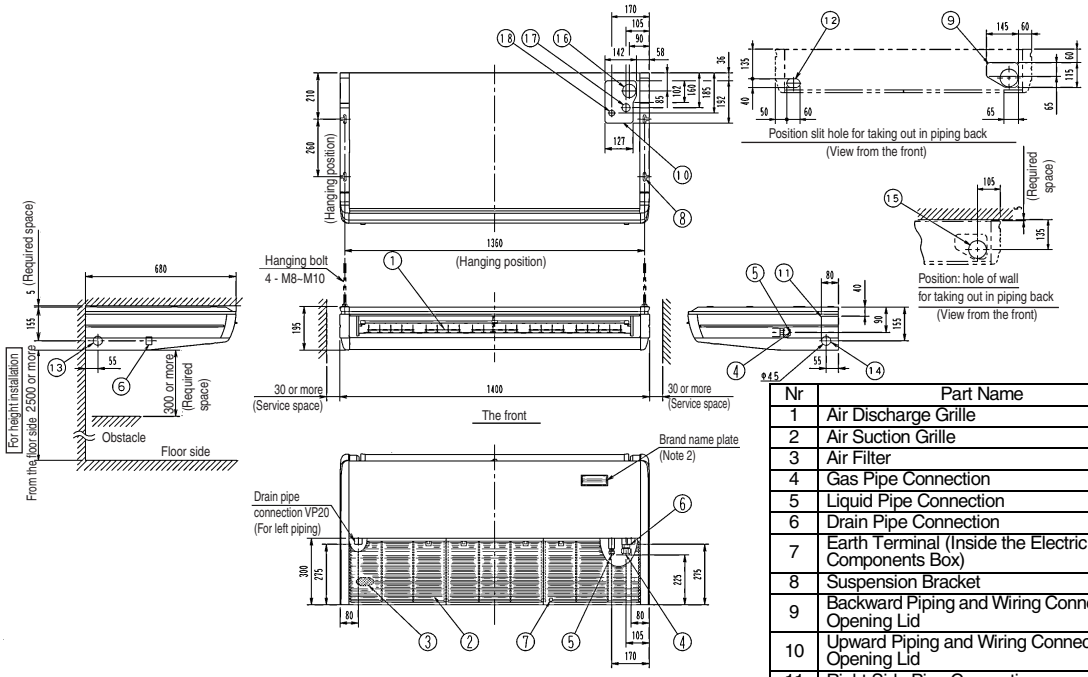
Nr	Part Name	Description
1	Air Discharge Grille	
2	Air Suction Grille	
3	Air Filter	
4	Gas Pipe Connection	ø 15.9 Flare
5	Liquid Pipe Connection	ø 9.5 Flare
6	Drain Pipe Connection	VP20
7	Earth Terminal (Inside the Electric Components Box)	M4
8	Suspension Bracket	
9	Backward Piping and Wiring Connection Opening Lid	
10	Upward Piping and Wiring Connection Opening Lid	
11	Right Side Pipe Connection	Slit Hole
12	Left Back Drain Pipe Connection	Slit Hole
13	Left Side Drain Pipe Connection	Slit Hole
14	Right Side Drain Pipe Connection	Slit Hole
15	Hole of Wall for Taking Out in Piping Back	ø 100
16	Upward Drain Pipe Connection	ø 60
17	Upward Gas Pipe Connection	ø 36
18	Upward Liquid Pipe Connection	ø 26

Notes:
1. Location of unit's name plate: bottom of fan housing inside the suction grille.
2. In case of using infrared remote control, this position will be a signal receiver. Refer to the drawing of infrared remote control, in detail.
3. The remote control code is standard (about 3m outside the machine) attached. (0.5mm^2 x 2 wicks x O.D. ø 5.4) (It is not attached to VRV)

3D038856

11

S-100TM3JPR



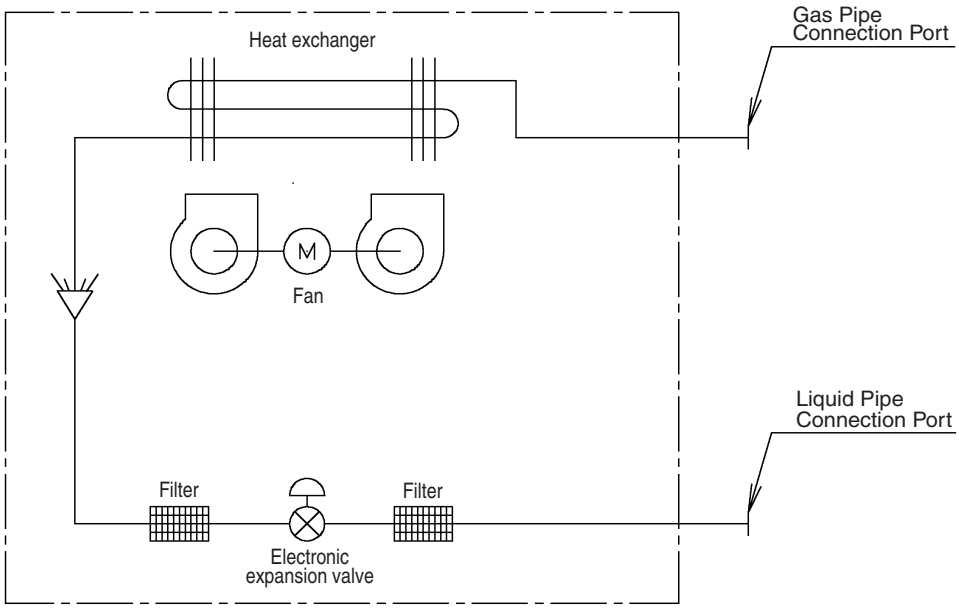
Notes:
1. Location of unit's name plate: bottom of fan housing inside the suction grille.
2. In case of using infrared remote control, this position will be a signal receiver. Refer to the drawing of infrared remote control, in detail.
3. The remote control code is standard (about 3m outside the machine) attached. (0.5mm^2 x 2wicks x O.D. ø 5.4) (It is not attached to VRV)

Nr	Part Name	Description
1	Air Discharge Grille	
2	Air Suction Grille	
3	Air Filter	
4	Gas Pipe Connection	ø 15.9 Flare
5	Liquid Pipe Connection	ø 9.5 Flare
6	Drain Pipe Connection	VP20
7	Earth Terminal (Inside the Electric Components Box)	M4
8	Suspension Bracket	
9	Backward Piping and Wiring Connection Opening Lid	
10	Upward Piping and Wiring Connection Opening Lid	
11	Right Side Pipe Connection	Slit Hole
12	Left Back Drain Pipe Connection	Slit Hole
13	Left Side Drain Pipe Connection	Slit Hole
14	Right Side Drain Pipe Connection	Slit Hole
15	Hole of Wall for Taking Out in Piping Back	ø 100
16	Upward Drain Pipe Connection	ø 60
17	Upward Gas Pipe Connection	ø 36
18	Upward Liquid Pipe Connection	ø 26

3D038857

7. Piping Diagram

S-TM3JPR



Piping Connection Diameters

Model	Gas	Liquid
S-32TM3JPR	ϕ12.7	ϕ6.4
S-63TM3JPR	ϕ15.9	ϕ9.5
S-100TM3JPR	ϕ15.9	ϕ9.5

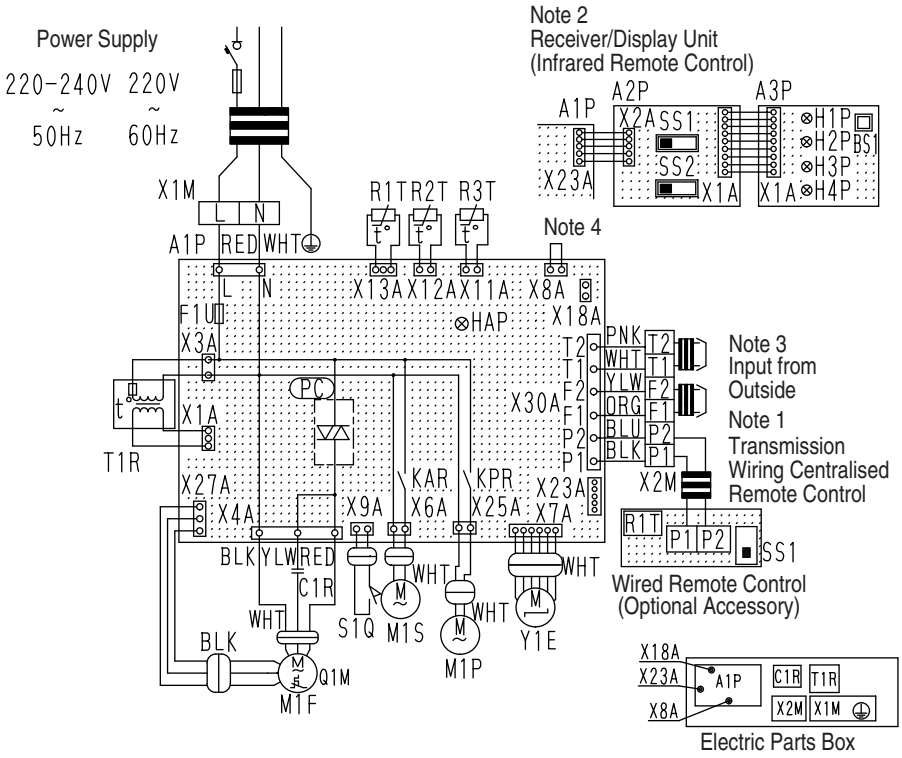
Check Valve
Flare Connection
Screw Connection
Flange Connection
Pinched Pipe
Spinned Pipe

4D034245

11

8. Wiring Diagram

S-TM3JPR



Indoor unit				Receiver/Display Unit (Attached to Infrared Remote Control)	
A1P	Printed Circuit Board	S1Q	Limit Switch (Swing Flap)	A2P	Printed Circuit Board
C1R	Capacitor (M1F)	T1R	Transformer (220-240V/22V)	A3P	Printed Circuit Board
F1U	Fuse (250V, 5A, (B))	X1M	Terminal Strip (Power)	BS1	Push Button (On/Off)
HAP	Light Emitting Diode (Service Monitor-Green)	X2M	Terminal Strip (Control)	H1P	Light Emitting Diode (On Red)
KAR	Magnetic Relay (M1S)	Y1E	Electronic Expansion Valve	H2P	Light Emitting Diode (Timer Green)
KPR	Magnetic Relay (M1P)	PC	Phase Control Circuit	H3P	Light Emitting Diode (Filter Sign-Red)
M1F	Motor (Indoor Fan)			H4P	Light Emitting Diode (Defrost Orange)
M1S	Motor (Swing Flap)	Optional Parts		SS1	Selector Switch (Main/Sub)
Q1M	Thermo Switch (M1F Embedded)	M1P	Motor (Drain Pump)	SS2	Selector Switch (Infrared Address Set)
R1T	Thermistor (Air)			Connector for Optional Parts	
R2T	Thermistor (Coil Liquid)	Wired Remote Control		X8A	Connector (Float Switch)
R3T	Thermistor (Coil Gas)	R1T	Thermistor (Air)	X18A	Connector (Wiring Adapter for Electrical Appendices)
RYA	Magnetic Relay (M1S)	SS1	Selector Switch (Main/Sub)	X23A	Connector (Infrared Remote Control)

: Terminal
: Connector
: Jumper Connector
: Field Wiring

COLORS : BLK : Black PNK : Pink
BLU : Blue RED : Red
BRN : Brown WHT : White
ORG : Orange YLW : Yellow

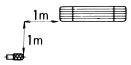
Notes:

1. In case of using centralized remote control, connect it to the unit in accordance with the attached instruction manual.
2. X23A is connected when the infrared remote control kit is being used.
3. When connecting the input wires from the outside, forced off or on/off control operation can be selected by remote control. In details, refer to the installation manual attached to the unit.
4. In case of installing the drain pump, remove the jumper connector of X8A and execute the additional wiring for float switch and drain pump.
5. Use copper conductors only.

3D039801

9. Sound Level

9.1 Sound Level Data

Model	Sound Pressure Level - 220V			Sound Power Level
	H	L	Measuring Location	
S-32TM3JPR	36	31		*
S-63TM3JPR	39	34		*
S-100TM3JPR	45	37		*

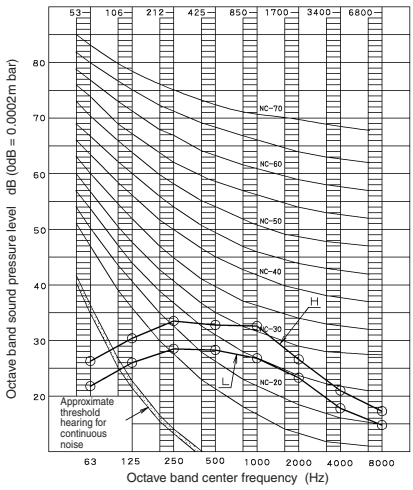
Notes:

1. Reference acoustic pressure 0 dB = 0.0002 µbar.
2. Measuring place: anechoic chamber.
3. Operating noise differs with operation and ambient conditions.

* Data were not available at time of publication.

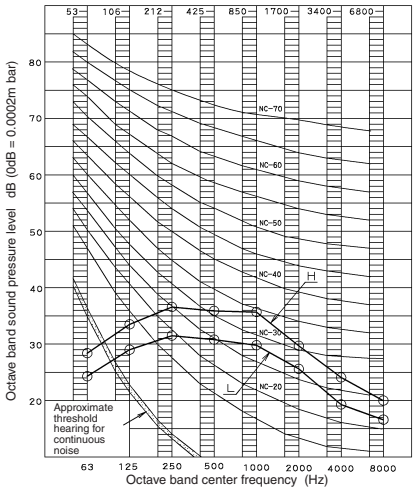
9.2 Sound Pressure Spectrums

S-TM3JPR



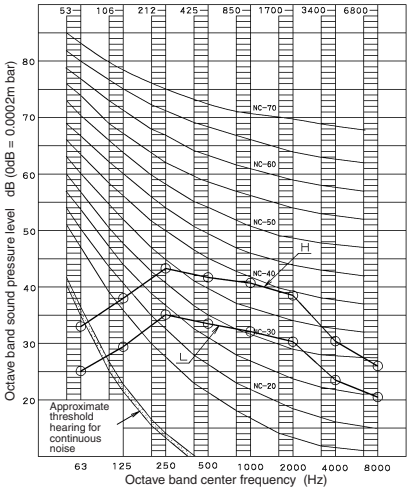
4D035301

S-63TM3JPR



4D035302

S-100TM3JPR



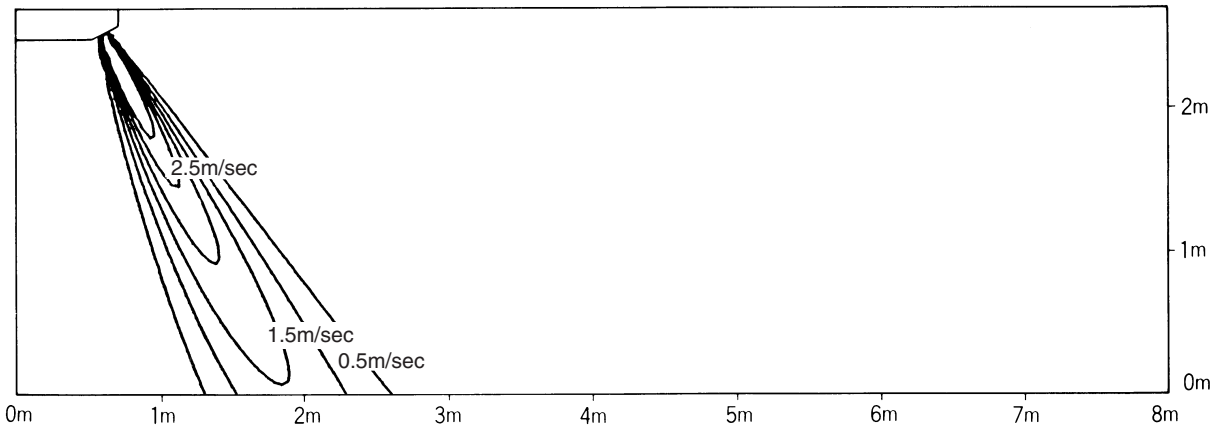
4D035303

11

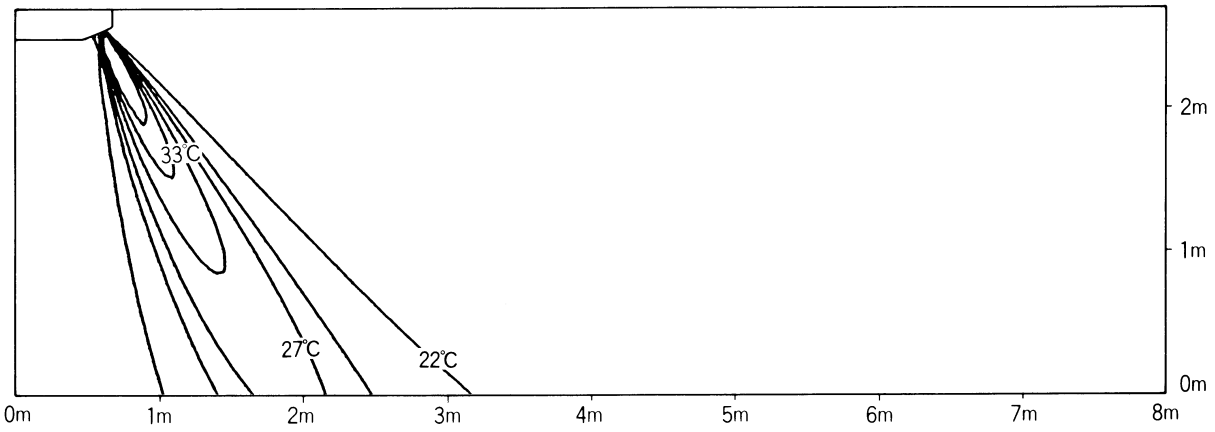
10. Air Flow Pattern

S-100TM3JPR

Heating Air velocity distribution
center air blow



Heating Temperature distribution
center air blow



S-KM3HPR
Wall Type

1. Features 540
2. Specifications 541
   2.1 Technical Specifications 541
   2.2 Electrical Specifications 541
   2.3 Safety Device Settings 542
3. Accessories 542
   3.1 Drain Pump Kit 542
4. Control Systems 544
   4.1 Individual Control Systems 544
   4.2 Centralized Control Systems 544
   4.3 Others 544
5. Capacity Tables 545
   5.1 Cooling Capacity 545
   5.2 Heating Capacity 547
6. Dimensions 549
7. Piping Diagram 551
8. Wiring Diagrams 552
9. Sound Level 553
   9.1 Sound Level Data 553
   9.2 Sound Pressure Spectrum 553
10. Installation 554
   10.1 Installation Example 554
   10.2 Service Space 555
   10.3 Drain Piping 556

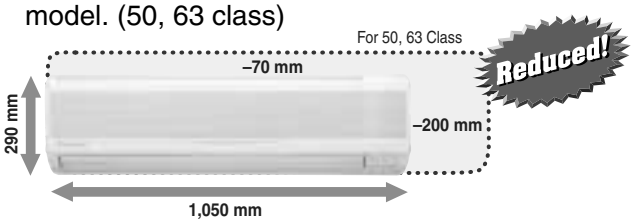
1. Features

External Appearance



- Compact and stylish design that does not detract from the decor of the room.

- More compact than compared with previous model. (50, 63 class)



  - Drastic 10 kg weight reduction from 24 kg to 14 kg.
  - Volume reduced by 22%.
  - Space savings of up to 47%.

- Low operating sound

(220V-240V)(dB(A))

Class	20	25	32	40	50	63
Operating sound (H/L)	35/29	36/29	37/29	39/34	42/36	46/39

- Drain pan and air filter can be kept clean by mildew-proof polystyrene.

- Washable grille, the front grille can be easily removed for washing.

- Auto-swing ensures efficiency of air distribution. The louver closes automatically when the unit stops.

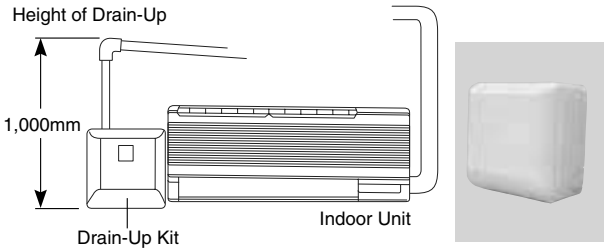
- 5 steps of discharge angle can be set by remote controller.

- Discharge angle is automatically set at the same angle as the previous operation when restarts. (Initial setting; 10˚ for cooling and 70˚ for heating)



- Drain-pump kit is available as optional accessory, which lifts the drain 1,000mm from the bottom of the unit.

- Flexible installation.
  - Drain pipe can be fitted to from either left or right sides.



2. Specifications

2.1 Technical Specifications

S-KM3HPR				20	25	32	40	50	63
Cooling Capacity (1)			kW	2.2	2.8	3.6	4.5	5.6	7.1
Heating Capacity (2)			kW	2.5	3.2	4.0	5.0	6.3	8.0
Nominal Input	Cooling		W	16	22	27	20	27	50
	Heating		W	24	27	32	20	32	60
Dimensions	HxWxD		mm	290x795x230			290x1,050x230		
Weight			kg	11			14		
Colour				White (10Y9/0.5)			White (B-272)		
Sound level	Sound Pressure	High	dBA	35	36	37	39	42	46
		Low	dBA	29	29	29	34	36	39
	Sound Power		dBA	*	*	*	*	*	*
Fan	Air Flow Rate	High	m^3/h	450	480	540	720	900	1,140
		Low	m^3/h	270	300	330	540	720	840
	Type			Cross Flow Fan					
	Motor Output		W	40			43		
	Drive			Direct Drive					
Heat Exchanger	Rows x Stages x Fin Pitch		mm	2x14x1.4					
	Face Area		m^2	0.161					
Air Filter				Resin Net (Washable)					
Refrigerant Control				Electronic Expansion Valve					
Temperature Control				Microprocessor Thermostat for Cooling and Heating					
Piping Connections	Liquid	Flare	mm	ø 6.4					ø 9.5
	Gas	Flare	mm	ø 12.7					ø 15.9
	Drain		mm	VP13, External Diameter 18, Internal Diameter 14					
Sound Absorbing Insulation Material				Foamed Polystyrene / Foamed Polyethylene					

3D039370

Notes:

1. Nominal cooling capacities are based on:
   · Indoor temperature: 27°CDB, 19°CWB
   · Outdoor temperature: 35°CDB
   · Equivalent refrigerant piping: 5m (horizontal)
2. Nominal heating capacities are based on:
   · Indoor temperature: 20°CDB
   · Outdoor temperature: 7°CDB, 6°CWB
   · Equivalent refrigerant piping: 5m (horizontal)
3. Capacities are net including a deduction for cooling (an addition for heating) for indoor fan motor heat.

* data were not available at the time of publication

2.2 Electrical Specifications

S-KM3HPR			20	25	32	40	50	63
Current	Minimum Circuit Amps (MCA)	A	0.3	0.4	0.4	0.4	0.4	0.6
	Maximum Fuse Amps (MFA) (5)	A	15					
Power Supply		V1	1 ~, 50Hz, 220-240V					
Voltage Range	Min~Max	V	198/264					
Indoor Fan Motor	Fan Motor Rated Output	W	40			43		
	Full Load Amps (FLA)	A	0.2	0.3	0.3	0.3	0.3	0.5

4D034907B

Notes:

1. Voltage range: units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
2. Maximum allowable voltage range variation between phases is 2%.
3. MCA/MFA:
   MCA = 1.25 x FLA
   MFA ≤ 4 x FLA
   next lower standard fuse rating minimum 15A.
4. Select wire size based on the MCA.
5. Instead of a fuse, use a circuit breaker

12

2.3 Safety Device Settings

S-KM3HPR	20	25	32	40	50	63
PC Board Fuse	250V 5A					

4D034906A

3. Accessories

S-KM3HPR	20	25	32	40	50	63
Drain Pump Kit	K-KDU572BVE					

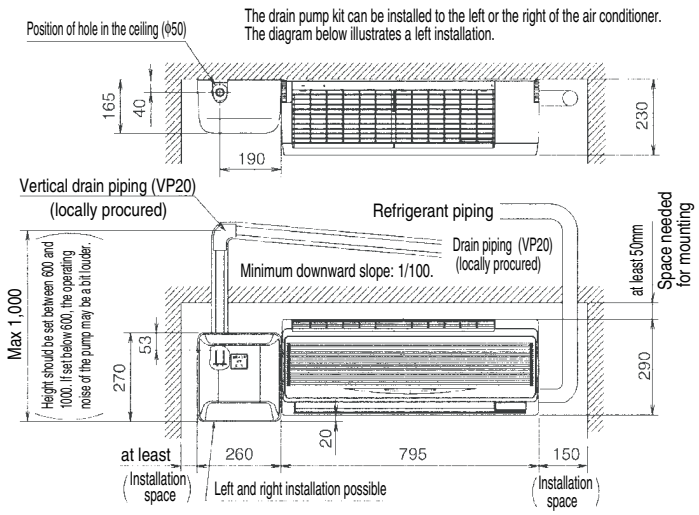
ED39-226

3.1 Drain Pump Kit

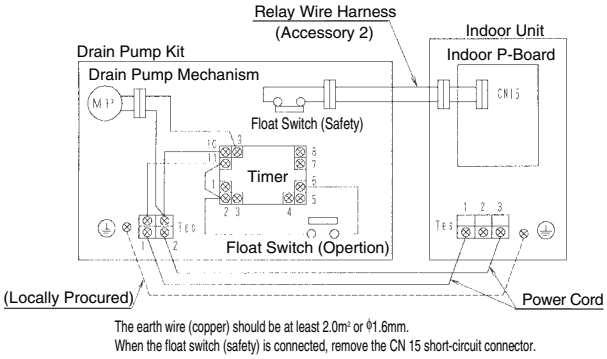
3.1.1 Specifications

K-KDU572BVE			
Drain Up Height (1)		mm	1,000
Drain Up Mechanism	Power Source		1 ~, 50-60Hz, 200V
	Power Consumption	W	12/11
	Insulation		Type E
Drain Entrance Connection Pipe Diameter			VP20
Drain Exit Connection Pipe Diameter			VP20
Safety Device			Float Switch
Operating Noise		dB	25
Weight		kg	3.5

3.1.2 Dimensions and Service Space



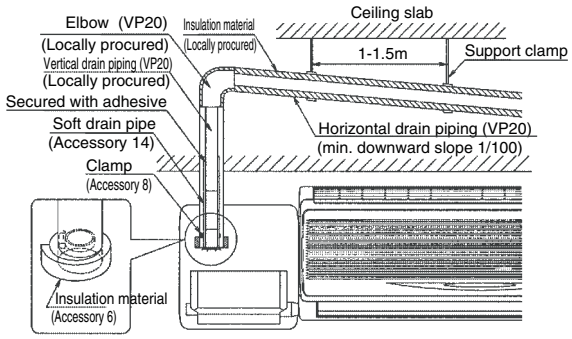
3.1.3 Wiring Diagram



3.1.4 Installation

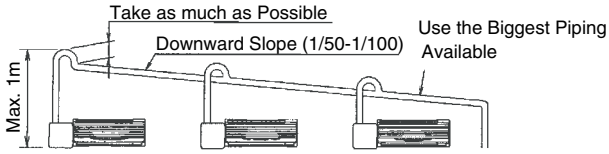
Caution

- Exit piping parts must be procured locally.
- Be sure to insulate the drain piping.
- Give the horizontal sections on the drain piping a downward slope of at least 1/100 and make sure no air bubbles accumulate.
- Secure long horizontal sections with support clamps to prevent them from shaking.



When Using Centralized Piping

- Follow the figure below to make sure there is absolutely no back-up when using centralized piping.



12

4. Control Systems

4.1 Individual Control Systems

FXAQ-MVE		20	25	32	40	50	63
Wired Remote Control		CZ-02RT11P					
Infrared Remote Control	Heat Pump	CZ-01RWK22P					

4.2 Centralized Control Systems

Centralized Remote Control	CZ-01ESM11P
Unified On/Off Control	CZ-01ANA11P
Schedule Timer	CZ-01ESW11P

4.3 Others

BMS Interface Adapter for Unified Group	KRP2A51#
BMS Interface Adapter for Individual and Unified Control	KRP4A51#
Installation Box for Adapter PCB (2) (3)	KRP4A93
Remote Sensor	CZ-10RSA
Electrical Box with Earth Terminal (3 Blocks)	KJB311A
Electrical Box with Earth Terminal (2 Blocks)	KJB212A
Noise Filter (for Electromagnetic Interface Use Only)	KEK26-1
BMS Interface Adapter for Outdoor Units (Installation on Indoor Unit)	DTA104A61#

PCV0320

Notes:

1. Installation box is necessary for each adapter marked with #.
2. Up to 2 adapters can be fixed per installation box.
3. Only 1 installation box can be installed per indoor unit.

5. Capacity Tables

5.1 Cooling Capacity

TC: Total Capacity;kW – SHC: Sensible Capacity;kW

Unit size	Nominal capacity	Outdoor air temp.	Indoor air temperature													
			14.0WB		16.0WB		18.0WB		19.0WB		20.0WB		22.0WB		24.0WB	
			20.0DB		23.0DB		26.0DB		27.0DB		28.0DB		30.0DB		32.0DB	
		°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
20	2.2	10.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.6	2.0	2.9	1.9
		12.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.6	2.0	2.9	1.9
		14.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.6	2.0	2.8	1.9
		16.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.6	2.0	2.8	1.9
		18.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.6	2.0	2.7	1.9
		20.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.6	2.0	2.7	1.9
		21.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.6	2.0	2.7	1.9
		23.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.6	1.9	2.6	1.9
		25.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.6	1.9	2.6	1.9
		27.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.5	1.9	2.6	1.8
		29.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.5	1.9	2.5	1.8
		31.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.4	1.9	2.5	1.8
		33.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.4	1.9	2.5	1.8
		35.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.4	1.9	2.4	1.8
		37.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.3	1.8	2.4	1.7
		39.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.2	1.9	2.3	1.8	2.3	1.7
25	2.8	10.0	1.9	1.8	2.3	2.0	2.6	2.2	2.8	2.2	3.0	2.2	3.4	2.3	3.7	2.3
		12.0	1.9	1.8	2.3	2.0	2.6	2.2	2.8	2.2	3.0	2.2	3.4	2.3	3.6	2.2
		14.0	1.9	1.8	2.3	2.0	2.6	2.2	2.8	2.2	3.0	2.2	3.4	2.3	3.6	2.3
		16.0	1.9	1.8	2.3	2.0	2.6	2.2	2.8	2.2	3.0	2.2	3.4	2.3	3.5	2.2
		18.0	1.9	1.8	2.3	2.0	2.6	2.2	2.8	2.2	3.0	2.2	3.4	2.3	3.5	2.2
		20.0	1.9	1.8	2.3	2.0	2.6	2.2	2.8	2.2	3.0	2.2	3.4	2.3	3.4	2.2
		21.0	1.9	1.8	2.3	2.0	2.6	2.2	2.8	2.2	3.0	2.2	3.4	2.3	3.4	2.2
		23.0	1.9	1.8	2.3	2.0	2.6	2.2	2.8	2.2	3.0	2.2	3.3	2.3	3.4	2.2
		25.0	1.9	1.8	2.3	2.0	2.6	2.2	2.8	2.2	3.0	2.2	3.3	2.2	3.3	2.2
		27.0	1.9	1.8	2.3	2.0	2.6	2.2	2.8	2.2	3.0	2.2	3.2	2.2	3.3	2.1
		29.0	1.9	1.8	2.3	2.0	2.6	2.2	2.8	2.2	3.0	2.2	3.2	2.2	3.2	2.1
		31.0	1.9	1.8	2.3	2.0	2.6	2.2	2.8	2.2	3.0	2.2	3.1	2.2	3.2	2.1
		33.0	1.9	1.8	2.3	2.0	2.6	2.2	2.8	2.2	3.0	2.2	3.1	2.2	3.1	2.1
		35.0	1.9	1.8	2.3	2.0	2.6	2.2	2.8	2.2	3.0	2.2	3.0	2.2	3.1	2.1
		37.0	1.9	1.8	2.3	2.0	2.6	2.2	2.8	2.2	2.9	2.2	3.0	2.1	3.0	2.0
		39.0	1.9	1.8	2.3	2.0	2.6	2.2	2.8	2.2	2.9	2.2	2.9	2.1	3.0	2.0
32	3.6	10.0	2.4	2.2	2.9	2.4	3.4	2.6	3.6	2.7	3.8	2.7	4.3	2.8	4.7	2.8
		12.0	2.4	2.2	2.9	2.4	3.4	2.6	3.6	2.7	3.8	2.7	4.3	2.8	4.7	2.8
		14.0	2.4	2.2	2.9	2.4	3.4	2.6	3.6	2.7	3.8	2.7	4.3	2.8	4.6	2.8
		16.0	2.4	2.2	2.9	2.4	3.4	2.6	3.6	2.7	3.8	2.7	4.3	2.8	4.6	2.8
		18.0	2.4	2.2	2.9	2.4	3.4	2.6	3.6	2.7	3.8	2.7	4.3	2.8	4.5	2.7
		20.0	2.4	2.2	2.9	2.4	3.4	2.6	3.6	2.7	3.8	2.7	4.3	2.8	4.4	2.7
		21.0	2.4	2.2	2.9	2.4	3.4	2.6	3.6	2.7	3.8	2.7	4.3	2.8	4.4	2.7
		23.0	2.4	2.2	2.9	2.4	3.4	2.6	3.6	2.7	3.8	2.7	4.2	2.8	4.3	2.7
		25.0	2.4	2.2	2.9	2.4	3.4	2.6	3.6	2.7	3.8	2.7	4.2	2.8	4.3	2.6
		27.0	2.4	2.2	2.9	2.4	3.4	2.6	3.6	2.7	3.8	2.7	4.1	2.7	4.2	2.6
		29.0	2.4	2.2	2.9	2.4	3.4	2.6	3.6	2.7	3.8	2.7	4.1	2.7	4.2	2.6
		31.0	2.4	2.2	2.9	2.4	3.4	2.6	3.6	2.7	3.8	2.7	4.0	2.7	4.1	2.6
		33.0	2.4	2.2	2.9	2.4	3.4	2.6	3.6	2.7	3.8	2.7	3.9	2.6	4.0	2.5
		35.0	2.4	2.2	2.9	2.4	3.4	2.6	3.6	2.7	3.8	2.7	3.9	2.6	4.0	2.5
		37.0	2.4	2.2	2.9	2.4	3.4	2.6	3.6	2.7	3.7	2.6	3.8	2.6	3.9	2.5
		39.0	2.4	2.2	2.9	2.4	3.4	2.6	3.6	2.7	3.7	2.6	3.8	2.6	3.8	2.5
40	4.5	10.0	3.0	2.9	3.6	3.3	4.2	3.7	4.5	3.5	4.8	3.6	5.4	3.6	5.9	3.6
		12.0	3.0	2.9	3.6	3.3	4.2	3.7	4.5	3.5	4.8	3.6	5.4	3.6	5.8	3.5
		14.0	3.0	2.9	3.6	3.3	4.2	3.7	4.5	3.5	4.8	3.6	5.4	3.6	5.8	3.5
		16.0	3.0	2.9	3.6	3.3	4.2	3.7	4.5	3.5	4.8	3.6	5.4	3.6	5.7	3.5
		18.0	3.0	2.9	3.6	3.3	4.2	3.7	4.5	3.5	4.8	3.6	5.4	3.6	5.6	3.4
		20.0	3.0	2.9	3.6	3.3	4.2	3.7	4.5	3.5	4.8	3.6	5.4	3.6	5.5	3.4
		21.0	3.0	2.9	3.6	3.3	4.2	3.7	4.5	3.5	4.8	3.6	5.4	3.6	5.5	3.4
		23.0	3.0	2.9	3.6	3.3	4.2	3.7	4.5	3.5	4.8	3.6	5.3	3.6	5.4	3.3
		25.0	3.0	2.9	3.6	3.3	4.2	3.7	4.5	3.5	4.8	3.6	5.2	3.6	5.3	3.3
		27.0	3.0	2.9	3.6	3.3	4.2	3.7	4.5	3.5	4.8	3.6	5.2	3.5	5.3	3.3
		29.0	3.0	2.9	3.6	3.3	4.2	3.7	4.5	3.5	4.8	3.6	5.1	3.5	5.2	3.2
		31.0	3.0	2.9	3.6	3.3	4.2	3.7	4.5	3.5	4.8	3.6	5.0	3.4	5.1	3.2
		33.0	3.0	2.9	3.6	3.3	4.2	3.7	4.5	3.5	4.8	3.6	4.9	3.4	5.0	3.1
		35.0	3.0	2.9	3.6	3.3	4.2	3.7	4.5	3.5	4.7	3.6	4.9	3.4	5.0	3.1
		37.0	3.0	2.9	3.6	3.3	4.2	3.7	4.5	3.5	4.7	3.5	4.8	3.3	4.9	3.1
		39.0	3.0	2.9	3.6	3.3	4.2	3.7	4.5	3.5	4.6	3.5	4.7	3.3	4.8	3.0

TC: Total Capacity;kW – SHC: Sensible Capacity;kW

Unit size	Nominal capacity	Outdoor air temp.	Indoor air temperature													
			14.0WB		16.0WB		18.0WB		19.0WB		20.0WB		22.0WB		24.0WB	
			20.0DB		23.0DB		26.0DB		27.0DB		28.0DB		30.0DB		32.0DB	
		°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
50	5.6	10.0	3.8	3.2	4.5	3.7	5.2	4.1	5.6	4.2	6.0	4.3	6.7	4.4	7.4	4.4
		12.0	3.8	3.2	4.5	3.7	5.2	4.1	5.6	4.2	6.0	4.3	6.7	4.4	7.3	4.3
		14.0	3.8	3.2	4.5	3.7	5.2	4.1	5.6	4.2	6.0	4.3	6.7	4.4	7.2	4.3
		16.0	3.8	3.2	4.5	3.7	5.2	4.1	5.6	4.2	6.0	4.3	6.7	4.4	7.1	4.3
		18.0	3.8	3.2	4.5	3.7	5.2	4.1	5.6	4.2	6.0	4.3	6.7	4.4	7.0	4.2
		20.0	3.8	3.2	4.5	3.7	5.2	4.1	5.6	4.2	6.0	4.3	6.7	4.4	6.9	4.2
		21.0	3.8	3.2	4.5	3.7	5.2	4.1	5.6	4.2	6.0	4.3	6.7	4.4	6.8	4.2
		23.0	3.8	3.2	4.5	3.7	5.2	4.1	5.6	4.2	6.0	4.3	6.6	4.4	6.7	4.1
		25.0	3.8	3.2	4.5	3.7	5.2	4.1	5.6	4.2	6.0	4.3	6.5	4.3	6.6	4.1
		27.0	3.8	3.2	4.5	3.7	5.2	4.1	5.6	4.2	6.0	4.3	6.4	4.3	6.6	4.0
		29.0	3.8	3.2	4.5	3.7	5.2	4.1	5.6	4.2	6.0	4.3	6.3	4.2	6.5	4.0
		31.0	3.8	3.2	4.5	3.7	5.2	4.1	5.6	4.2	6.0	4.3	6.2	4.2	6.4	3.9
		33.0	3.8	3.2	4.5	3.7	5.2	4.1	5.6	4.2	6.0	4.3	6.1	4.2	6.3	3.9
		35.0	3.8	3.2	4.5	3.7	5.2	4.1	5.6	4.2	5.9	4.3	6.0	4.1	6.2	3.8
		37.0	3.8	3.2	4.5	3.7	5.2	4.1	5.6	4.2	5.8	4.3	5.9	4.1	6.1	3.8
		39.0	3.8	3.2	4.5	3.7	5.2	4.1	5.6	4.2	5.7	4.2	5.8	4.0	6.0	3.8
63	7.1	10.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.3	7.6	5.4	8.5	5.6	9.3	5.3
		12.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.3	7.6	5.4	8.5	5.6	9.2	5.3
		14.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.3	7.6	5.4	8.5	5.6	9.1	5.2
		16.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.3	7.6	5.4	8.5	5.6	9.0	5.2
		18.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.3	7.6	5.4	8.5	5.6	8.8	5.2
		20.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.3	7.6	5.4	8.5	5.6	8.7	5.1
		21.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.3	7.6	5.4	8.5	5.6	8.7	5.1
		23.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.3	7.6	5.4	8.4	5.5	8.5	5.0
		25.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.3	7.6	5.4	8.3	5.5	8.4	5.0
		27.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.3	7.6	5.4	8.1	5.4	8.3	4.9
		29.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.3	7.6	5.4	8.0	5.4	8.2	4.9
		31.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.3	7.6	5.4	7.9	5.3	8.1	4.8
		33.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.3	7.6	5.4	7.8	5.2	7.9	4.8
		35.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.3	7.5	5.4	7.7	5.2	7.8	4.7
		37.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.3	7.4	5.3	7.5	5.1	7.7	4.7
		39.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.3	7.2	5.3	7.4	5.1	7.6	4.6

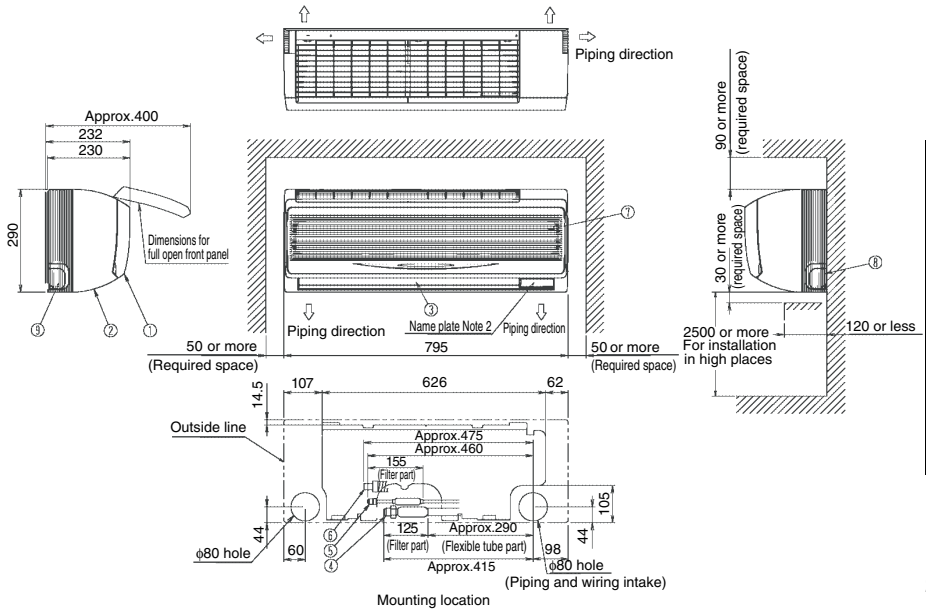
5.2 Heating Capacity

Unit Size	Nominal capacity	Outdoor air temperature		Indoor air temperature °CDB					
				16.0	18.0	20.0	21.0	22.0	24.0
		°CDB	°CWB	kW	kW	kW	kW	kW	kW
20	2.5	-19.8	-20.0	1.5	1.5	1.5	1.5	1.5	1.5
		-18.8	-19.0	1.5	1.5	1.5	1.5	1.5	1.5
		-16.7	-17.0	1.6	1.6	1.6	1.6	1.6	1.6
		-14.7	-15.0	1.7	1.7	1.7	1.7	1.7	1.7
		-12.6	-13.0	1.8	1.8	1.8	1.8	1.8	1.8
		-10.5	-11.0	1.9	1.9	1.9	1.9	1.9	1.9
		-9.5	-10.0	1.9	1.9	1.9	1.9	1.9	1.9
		-8.5	-9.1	2.0	2.0	1.9	1.9	1.9	1.9
		-7.0	-7.6	2.0	2.0	2.0	2.0	2.0	2.0
		-5.0	-5.6	2.1	2.1	2.1	2.1	2.1	2.1
		-3.0	-3.7	2.2	2.2	2.2	2.2	2.2	2.2
		0.0	-0.7	2.3	2.3	2.3	2.3	2.3	2.2
		3.0	2.2	2.5	2.5	2.4	2.4	2.3	2.2
		5.0	4.1	2.5	2.5	2.5	2.4	2.3	2.2
		7.0	6.0	2.6	2.6	2.5	2.4	2.3	2.2
		9.0	7.9	2.7	2.7	2.5	2.4	2.3	2.2
		11.0	9.8	2.8	2.7	2.5	2.4	2.3	2.2
		13.0	11.8	2.8	2.7	2.5	2.4	2.3	2.2
		15.0	13.7	2.8	2.7	2.5	2.4	2.3	2.2
25	3.2	-19.8	-20.0	1.9	1.9	1.9	1.9	1.9	1.9
		-18.8	-19.0	1.9	1.9	1.9	1.9	1.9	1.9
		-16.7	-17.0	2.1	2.1	2.0	2.0	2.0	2.0
		-14.7	-15.0	2.2	2.2	2.2	2.2	2.2	2.1
		-12.6	-13.0	2.3	2.3	2.3	2.3	2.3	2.3
		-10.5	-11.0	2.4	2.4	2.4	2.4	2.4	2.4
		-9.5	-10.0	2.5	2.4	2.4	2.4	2.4	2.4
		-8.5	-9.1	2.5	2.5	2.5	2.5	2.5	2.5
		-7.0	-7.6	2.6	2.6	2.6	2.6	2.6	2.6
		-5.0	-5.6	2.7	2.7	2.7	2.7	2.7	2.7
		-3.0	-3.7	2.8	2.8	2.8	2.8	2.8	2.8
		0.0	-0.7	3.0	3.0	3.0	3.0	3.0	2.8
		3.0	2.2	3.1	3.1	3.1	3.1	3.0	2.8
		5.0	4.1	3.3	3.2	3.2	3.1	3.0	2.8
		7.0	6.0	3.4	3.4	3.2	3.1	3.0	2.8
		9.0	7.9	3.5	3.4	3.2	3.1	3.0	2.8
		11.0	9.8	3.6	3.4	3.2	3.1	3.0	2.8
		13.0	11.8	3.6	3.4	3.2	3.1	3.0	2.8
		15.0	13.7	3.6	3.4	3.2	3.1	3.0	2.8
32	4.0	-19.8	-20.0	2.4	2.4	2.3	2.3	2.3	2.3
		-18.8	-19.0	2.4	2.4	2.4	2.4	2.4	2.4
		-16.7	-17.0	2.6	2.6	2.6	2.6	2.6	2.5
		-14.7	-15.0	2.7	2.7	2.7	2.7	2.7	2.7
		-12.6	-13.0	2.9	2.8	2.8	2.8	2.8	2.8
		-10.5	-11.0	3.0	3.0	3.0	3.0	3.0	3.0
		-9.5	-10.0	3.1	3.1	3.1	3.1	3.0	3.0
		-8.5	-9.1	3.1	3.1	3.1	3.1	3.1	3.1
		-7.0	-7.6	3.2	3.2	3.2	3.2	3.2	3.2
		-5.0	-5.6	3.4	3.4	3.4	3.4	3.4	3.4
		-3.0	-3.7	3.5	3.5	3.5	3.5	3.5	3.5
		0.0	-0.7	3.7	3.7	3.7	3.7	3.7	3.5
		3.0	2.2	3.9	3.9	3.9	3.9	3.7	3.5
		5.0	4.1	4.1	4.1	4.0	3.9	3.7	3.5
		7.0	6.0	4.2	4.2	4.0	3.9	3.7	3.5
		9.0	7.9	4.3	4.3	4.0	3.9	3.7	3.5
		11.0	9.8	4.5	4.3	4.0	3.9	3.7	3.5
		13.0	11.8	4.5	4.3	4.0	3.9	3.7	3.5
		15.0	13.7	4.5	4.3	4.0	3.9	3.7	3.5

Unit Size	Nominal capacity	Outdoor air temperature		Indoor air temperature °CDB					
				16.0	18.0	20.0	21.0	22.0	24.0
		°CDB	°CWB	kW	kW	kW	kW	kW	kW
40	5.0	-19.8	-20.0	3.0	2.9	2.9	2.9	2.9	2.9
		-18.8	-19.0	3.0	3.0	3.0	3.0	3.0	3.0
		-16.7	-17.0	3.2	3.2	3.2	3.2	3.2	3.2
		-14.7	-15.0	3.4	3.4	3.4	3.4	3.4	3.4
		-12.6	-13.0	3.6	3.6	3.6	3.5	3.5	3.5
		-10.5	-11.0	3.7	3.7	3.7	3.7	3.7	3.7
		-9.5	-10.0	3.8	3.8	3.8	3.8	3.8	3.8
		-8.5	-9.1	3.9	3.9	3.9	3.9	3.9	3.9
		-7.0	-7.6	4.0	4.0	4.0	4.0	4.0	4.0
		-5.0	-5.6	4.2	4.2	4.2	4.2	4.2	4.2
		-3.0	-3.7	4.4	4.4	4.4	4.4	4.4	4.4
		0.0	-0.7	4.7	4.6	4.6	4.6	4.6	4.4
		3.0	2.2	4.9	4.9	4.9	4.8	4.7	4.4
		5.0	4.1	5.1	5.1	5.0	4.8	4.7	4.4
		7.0	6.0	5.2	5.2	5.0	4.8	4.7	4.4
		9.0	7.9	5.4	5.3	5.0	4.8	4.7	4.4
		11.0	9.8	5.6	5.3	5.0	4.8	4.7	4.4
		13.0	11.8	5.6	5.3	5.0	4.8	4.7	4.4
		15.0	13.7	5.6	5.3	5.0	4.8	4.7	4.4
50	6.3	-19.8	-20.0	3.7	3.7	3.7	3.7	3.7	3.7
		-18.8	-19.0	3.8	3.8	3.8	3.8	3.8	3.8
		-16.7	-17.0	4.1	4.0	4.0	4.0	4.0	4.0
		-14.7	-15.0	4.3	4.3	4.3	4.2	4.2	4.2
		-12.6	-13.0	4.5	4.5	4.5	4.5	4.5	4.5
		-10.5	-11.0	4.7	4.7	4.7	4.7	4.7	4.7
		-9.5	-10.0	4.8	4.8	4.8	4.8	4.8	4.8
		-8.5	-9.1	4.9	4.9	4.9	4.9	4.9	4.9
		-7.0	-7.6	5.1	5.1	5.1	5.1	5.1	5.1
		-5.0	-5.6	5.3	5.3	5.3	5.3	5.3	5.3
		-3.0	-3.7	5.5	5.5	5.5	5.5	5.5	5.5
		0.0	-0.7	5.9	5.9	5.8	5.8	5.8	5.5
		3.0	2.2	6.2	6.2	6.2	6.1	5.9	5.5
		5.0	4.1	6.4	6.4	6.3	6.1	5.9	5.5
		7.0	6.0	6.6	6.6	6.3	6.1	5.9	5.5
		9.0	7.9	6.8	6.7	6.3	6.1	5.9	5.5
		11.0	9.8	7.0	6.7	6.3	6.1	5.9	5.5
		13.0	11.8	7.1	6.7	6.3	6.1	5.9	5.5
		15.0	13.7	7.1	6.7	6.3	6.1	5.9	5.5
63	8.0	-19.8	-20.0	4.7	4.7	4.7	4.7	4.7	4.7
		-18.8	-19.0	4.9	4.9	4.8	4.8	4.8	4.8
		-16.7	-17.0	5.1	5.1	5.1	5.1	5.1	5.1
		-14.7	-15.0	5.4	5.4	5.4	5.4	5.4	5.4
		-12.6	-13.0	5.7	5.7	5.7	5.7	5.7	5.7
		-10.5	-11.0	6.0	6.0	6.0	6.0	6.0	5.9
		-9.5	-10.0	6.1	6.1	6.1	6.1	6.1	6.1
		-8.5	-9.1	6.3	6.3	6.2	6.2	6.2	6.2
		-7.0	-7.6	6.5	6.5	6.4	6.4	6.4	6.4
		-5.0	-5.6	6.8	6.7	6.7	6.7	6.7	6.7
		-3.0	-3.7	7.0	7.0	7.0	7.0	7.0	7.0
		0.0	-0.7	7.5	7.4	7.4	7.4	7.4	7.0
		3.0	2.2	7.9	7.8	7.8	7.7	7.5	7.0
		5.0	4.1	8.1	8.1	8.0	7.7	7.5	7.0
		7.0	6.0	8.4	8.4	8.0	7.7	7.5	7.0
		9.0	7.9	8.7	8.5	8.0	7.7	7.5	7.0
		11.0	9.8	8.9	8.5	8.0	7.7	7.5	7.0
		13.0	11.8	9.0	8.5	8.0	7.7	7.5	7.0
		15.0	13.7	9.0	8.5	8.0	7.7	7.5	7.0

6. Dimensions

S-20~32KM3HPR



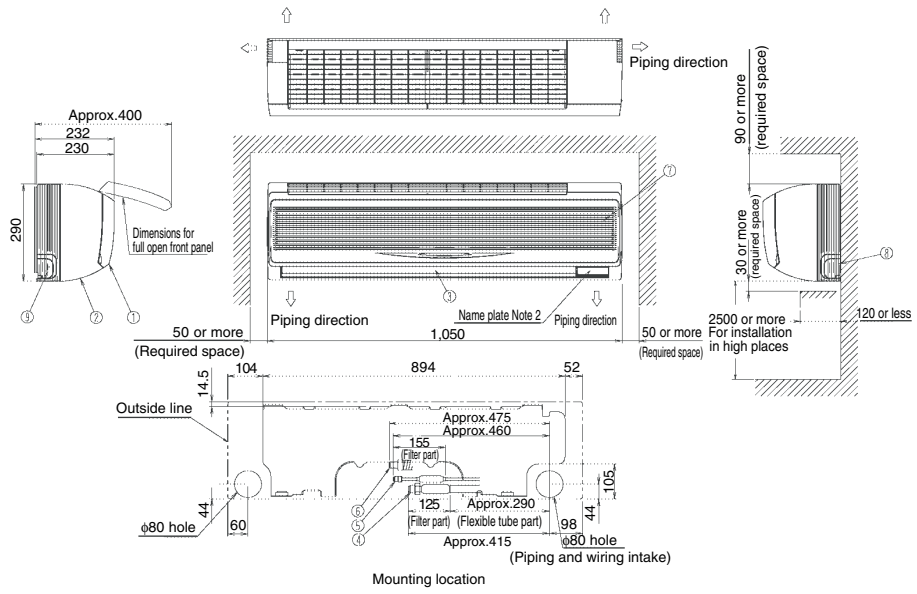
Nr	Part Name	Description
1	Front Panel	
2	Front Grill	
3	Air Outlet	
4	Gas Pipe	ø 12.7 Flare Connection
5	Liquid Pipe	ø 6.4 Flare Connection
6	Drain Hose	VP13 (External Dia. ø18)
7	Grounding Terminal	M4
8	Right Side Pipe Connection Hole	
9	Left Side Pipe Connection Hole	

Notes:

1. Name plate location: right side surface of casing
2. In case of using an infrared remote control, this position will be a signal receiver. Refer to the drawing of an infrared remote control in detail.

3D034903B

S-40·50KM3HPR



Nr	Part Name	Description
1	Front Panel	
2	Front Grill	
3	Air Outlet	
4	Gas Pipe	ø 12.7 Flare Connection
5	Liquid Pipe	ø 6.4 Flare Connection
6	Drain Hose	VP13 (External Dia. ø 18)
7	Grounding Terminal	M4
8	Right Side Pipe Connection Hole	
9	Left Side Pipe Connection Hole	

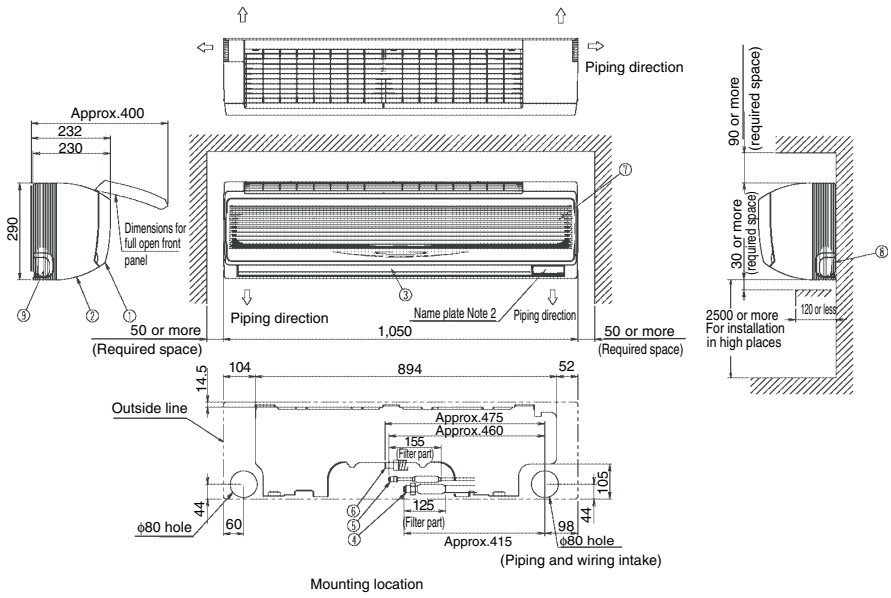
Notes:

1. Name plate location: right side surface of casing.
2. In case of using an infrared remote control, this position will be a signal receiver. Refer to the drawing of the infrared remote control in detail.

3D038539A

12

S-63KM3HPR



Nr	Part name	Description
1	Front Panel	
2	Front Grill	
3	Air Outlet	
4	Gas Pipe	ø 15.9 Flare Connection
5	Liquid Pipe	ø 9.5 Flare Connection
6	Drain Hose	VP13
7	Grounding Terminal	M4
8	Right Side Pipe Connection Hole	
9	Left Side Pipe Connection Hole	

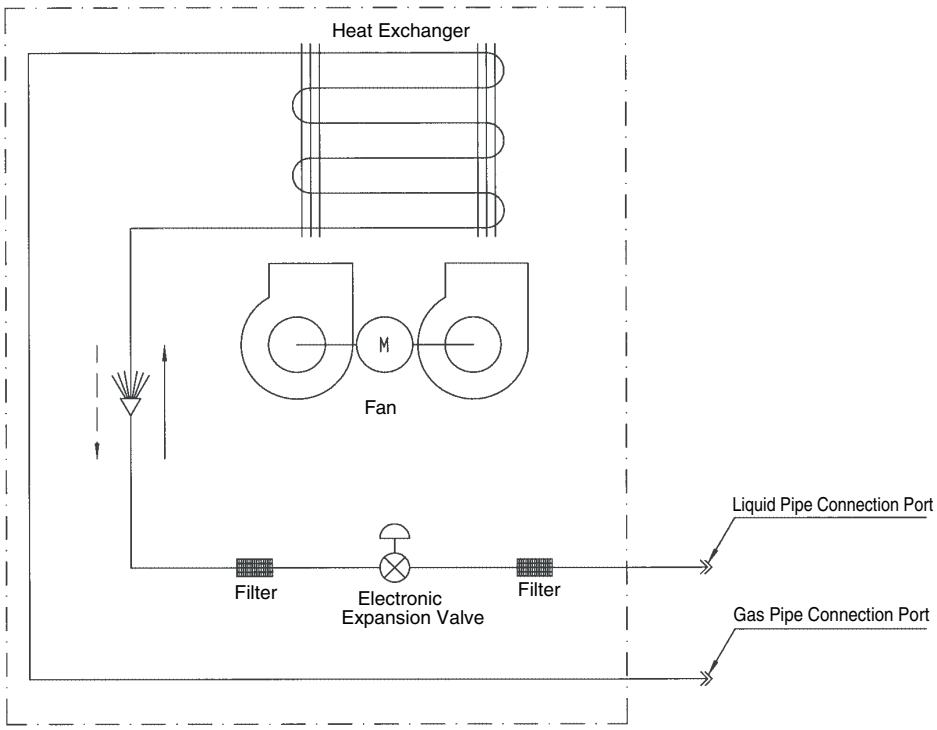
Notes:

1. Name plate location: right side surface of casing.
2. In case of using an infrared remote control, this position will be a signal receiver. Refer to the drawing of the infrared remote control in detail.

3D038541A

7. Piping Diagram

S-KM3HPR



Refrigerant Flow

Cooling ——►

Heating - - - ►

Piping Connection Diameters

Model	Gas	Liquid
S-20,25,32,40,50KM3HPR	ϕ12.7	ϕ6.4
S-63KM3HPR	ϕ15.9	ϕ9.5

Check Valve

Flare Connection

Screw Connection

Flange Connection

Pinched Pipe

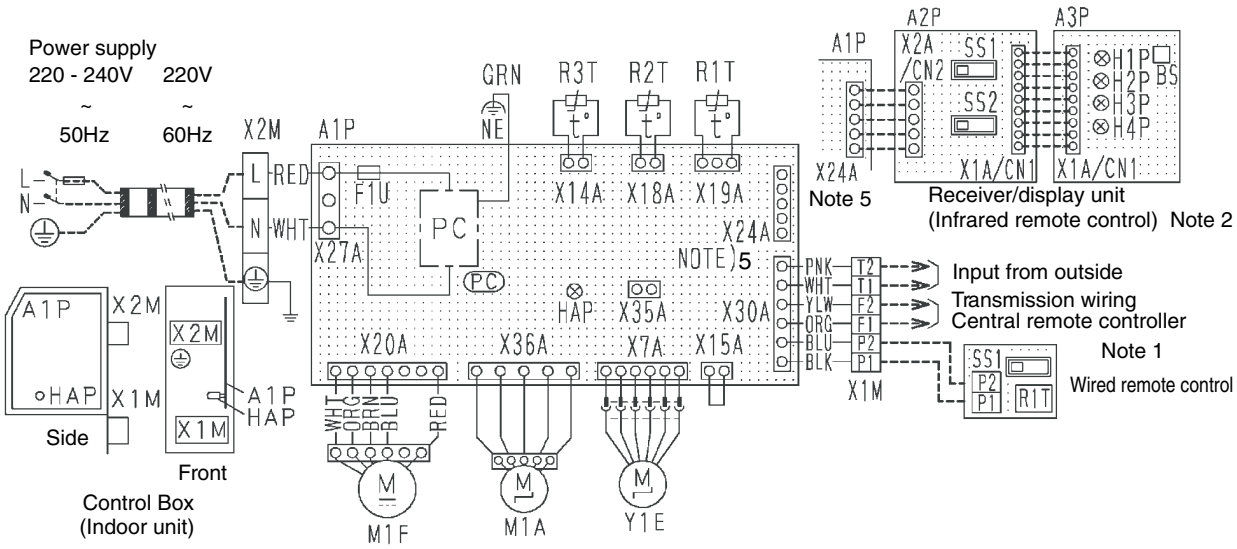
Spinned Pipe

DU220-602D

12

8. Wiring Diagrams

S-KM3HPR



A1P	Printed Circuit Board	Y1E	Electronic Expansion Valve	SS1	Selector Switch (Main/Sub)
F1U	Fuse ((B), 250V, 3A)	PC	Power Circuit	SS2	Selector Switch (Wireless Address Set)
HAP	Light Emitting Diode (Service Monitor-Green)	Receiver/Display Unit (Attached to Infrared Remote Control)		Wired Remote Control	
M1A	Motor (Swing Flap)	A2P	Printed Circuit Board	R1T	Thermistor (Air)
M1F	Motor (Indoor Fan)	A3P	Printed Circuit Board	SS1	Selector Switch (Main/Sub)
R1T	Thermistor (Air)	BS	Push Button (On/Off)	Connector for Optional Parts	
R2T	Thermistor (Coil Liquid Pipe)	H1P	Light Emitting Diode (On-Red)	X15A	Connector (Float Switch)
R3T	Thermistor (Coil Gas Pipe)	H2P	Light Emitting Diode (Timer Green)	X35A	Connector (Group Control Adapter)
X1M	Terminal Strip (Control)	H3P	Light Emitting Diode (Filter Sign-Red)		
X2M	Terminal Strip (Power)	H4P	Light Emitting Diode (Defrost-Orange)		

: Field Wiring
: Terminal
: Connector
: Connector

COLORS : RED : Red WHT : White YLW : Yellow
BLK : Black BLU : Blue BRN : Brown
PNK : Pink ORG : Orange GRN : Green

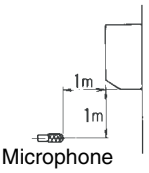
Notes:

1. In case of using centralized remote control, connect it to the unit in accordance with the attached installation manual.
2. When connecting the input wires from outside, forced off or ON/OFF control operation can be selected by remote control. In details, refer to the installation manual attached the unit.
3. Remote control model varies according to the combination system. Consult engineering data and catalogues, etc.. before connecting.
4. Confirm the method of setting the selector switch (SS1, SS2) of wired remote control and infrared remote control by installation manual and engineering data, etc.
5. X24A is connected when the infrared remote control kit is being used.

3D034206A

9. Sound Level

9.1 Sound Level Data

Model	Sound Pressure Level			Sound Power Level
	H	L	Measuring Location	
S-20KM3HPR	35	29		*
S-25KM3HPR	36	29		*
S-32KM3HPR	37	29		*
S-40KM3HPR	39	34		*
S-50KM3HPR	42	36		*
S-63KM3HPR	46	39		*

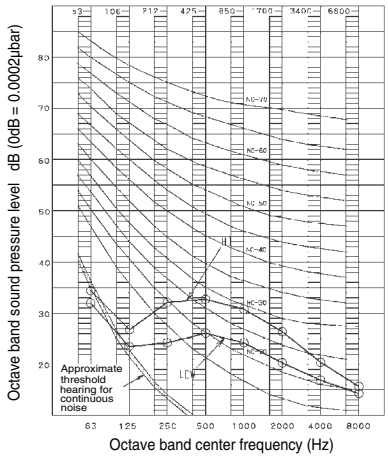
Notes:

1. Reference acoustic pressure 0 dB = 20 Pa.
2. Measuring place: anechoic chamber.
3. Operating noise differs with operation and ambient conditions.

*Data were not available at the time of publication

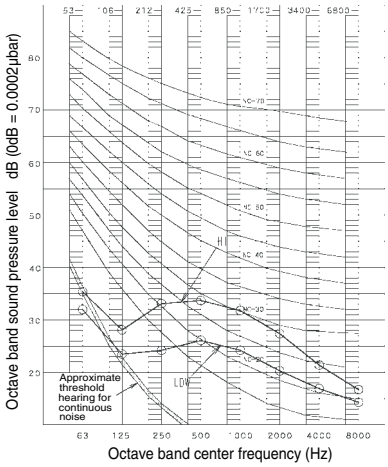
9.2 Sound Pressure Spectrum

S-20KM3HPR



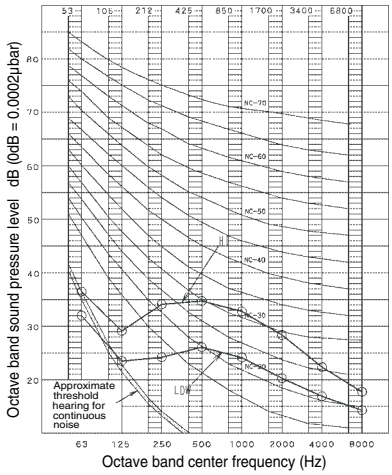
4D037087

S-25KM3HPR



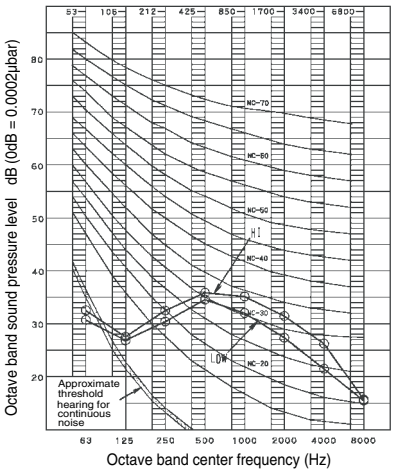
4D037088

S-32KM3HPR



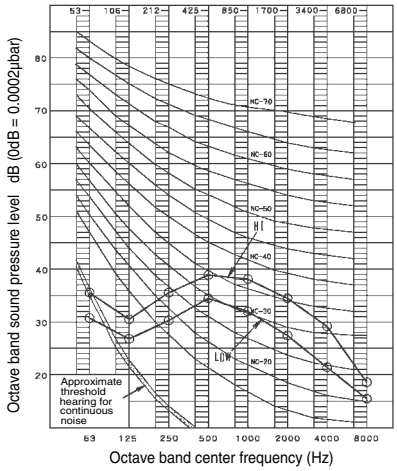
4D037089

S-40KM3HPR



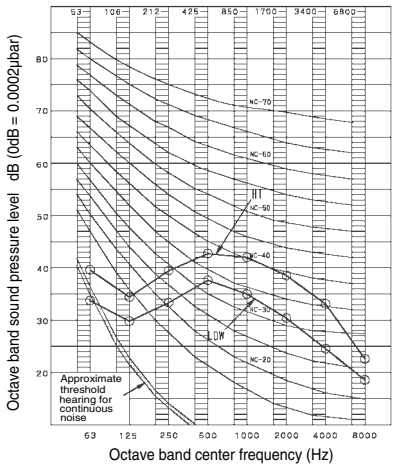
4D038513

S-50KM3HPR



4D038514

S-63KM3HPR

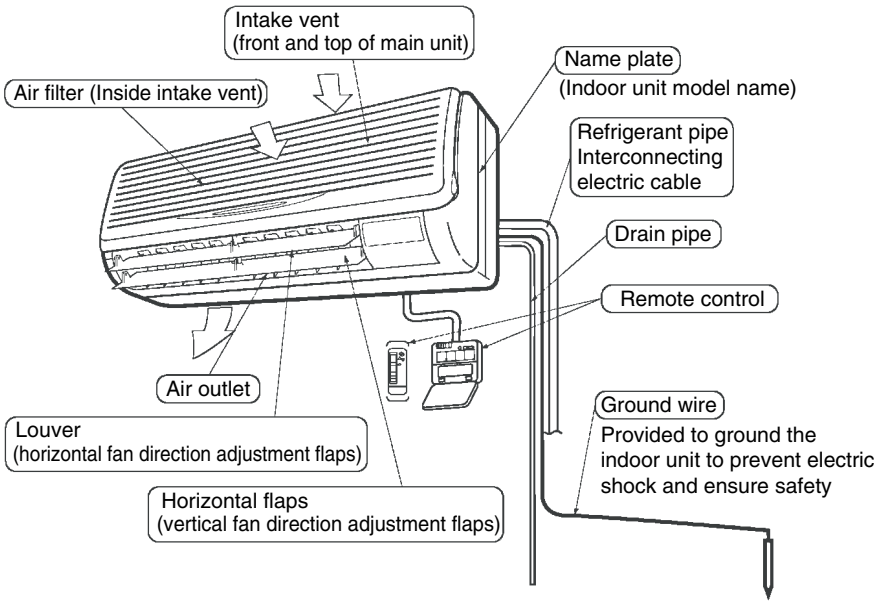


4D038515

12

10. Installation

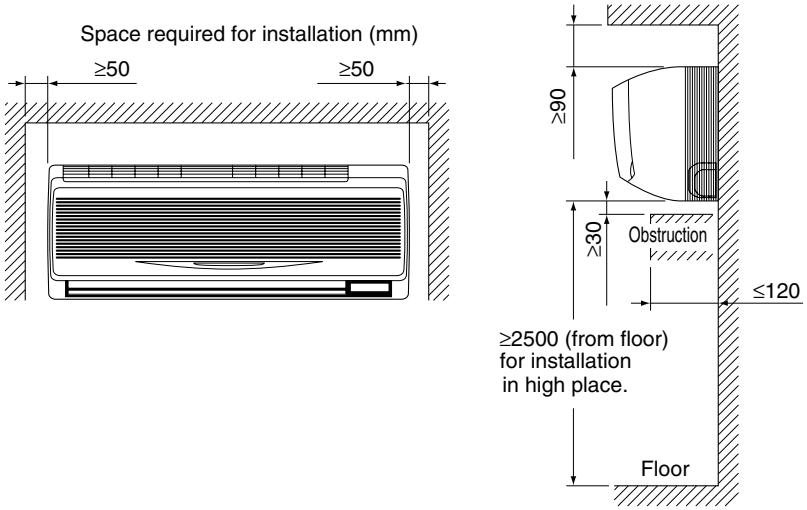
10.1 Installation Example



10.2 Service Space

1. Select an installation site where the following conditions are fulfilled and that meets with your customer's approval.

- In the upper space (including the back of the ceiling) of the indoor unit where there is no possible dripping of water from the refrigerant pipe, drain pipe, water pipe, etc.
- Where the wall is strong enough to bear the indoor unit weight.
- Where sufficient clearance for installation and maintenance can be ensured.
- Where optimum air distribution can be ensured.
- Where nothing blocks the air passage.
- Where condensation can be properly drained.
- Where the wall is not significantly tilted.
- Where not exposed to combustible gases.
- Where piping between indoor and outdoor units is possible within the allowable limit. (Refer to the installation manual of the outdoor unit.)
- Keep the indoor and outdoor units, power cable and transmission wiring, at least 1 m from TVs and radios, to prevent distorted pictures and static. (Depending on the type and source of the electrical waves, static may be heard even when more than 1 m away.)
- Install the indoor unit no less than 2.5 m above the floor. Where unavoidably lower, take what measures are necessary to keep hands out of the air inlet.

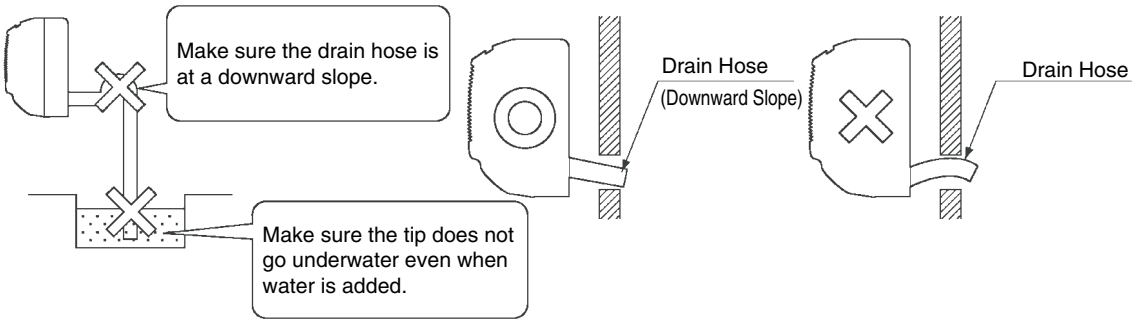


2. Consider whether the location where the unit will be installed can support the full weight of the unit, and reinforce it with boards and beams, etc. if needed before proceeding with the installation. Also, reinforce the location to prevent vibration and noise before installing.
3. The indoor unit may not be directly installed on the wall. Use the attached installation panel before installing the unit.

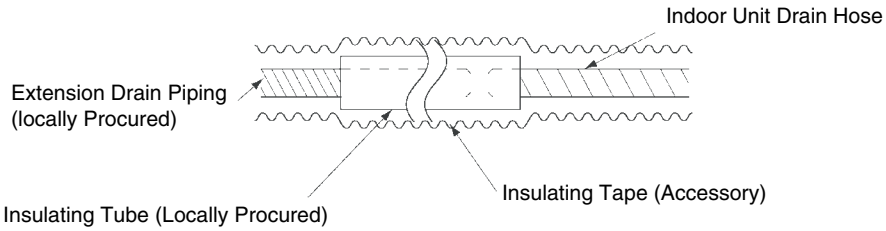
10.3 Drain Piping

1. Install the drain piping

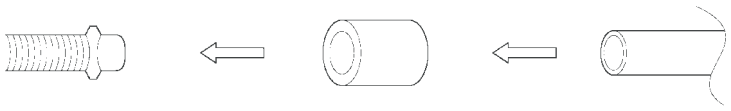
- The drain pipe should be short with a downward slope and should prevent the formation of air pockets.



- When extending the drain hose, use a commercially available drain extension hose, and be sure to insulate the extended section of the drain hose which is indoors.



- Make sure the diameter of the piping is the same as the piping (hard vinyl chloride, nominal diameter 13mm) or bigger.
- When directly connecting a hard vinyl chloride pipe joint (nominal diameter 13mm) to the drain hose connected to the indoor unit (i.e. for embedded piping, etc.), use a commercially available hard vinyl chloride pipe joint (nominal diameter 13mm).



Drain hose connected to the indoor unit

Commercially available hard vinyl chloride pipe joint (nominal diameter 13mm)

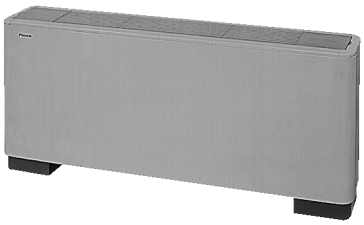
Commercially available hard vinyl chloride pipe (nominal diameter 13mm)

S-PM3HPS / S-RM3HPS Floor Standing Type / Concealed Floor Standing Type

1. Features 558
2. Specifications 559
   - 2.1 Technical Specifications 559
   - 2.2 Electrical Specifications 559
   - 2.3 Safety Device Settings 560
3. Accessories 560
4. Control Systems 560
   - 4.1 Individual Control Systems 560
   - 4.2 Centralized Control Systems 560
   - 4.3 Others 560
5. Capacity Tables 561
   - 5.1 Cooling Capacity 561
   - 5.2 Heating Capacity 563
6. Dimensions 565
   - 6.1 Dimensional Drawings 565
   - 6.2 Centre of Gravity 569
   - 6.3 Bolt Pitch 570
7. Piping Diagram 571
8. Wiring Diagram 572
9. Sound Level 573
   - 9.1 Sound Level Data S-PM3HPS 573
   - 9.2 Sound Pressure Spectrums S-PM3HPS 573
   - 9.3 Sound Level Data S-RM3HPS 574
   - 9.4 Sound Pressure Spectrums S-RM3HPS 574
10. Installation 575
    - 10.1 Installation Example 575
    - 10.2 Service Space 575
    - 10.3 Drain Piping 576

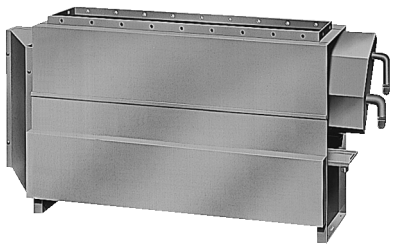
1. Features

Efficient for perimeter zone airconditioning.



S-PM3HPS

Can be built into pericounter



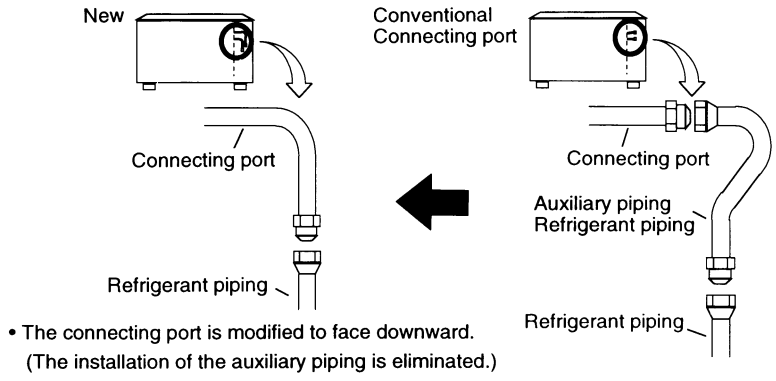
S-RM3HPS

(1) New round-shape adds the gentle feeling to office environment.

- Mild color is applied to the discharge grille and the bottom frame.
- The slimming top plate ensures elegance in dynamics.

(2) Improvement on the installation

- The piping connection work is facilitated drastically.

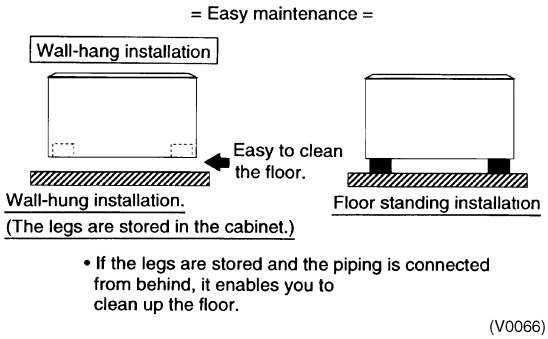


(V0065)

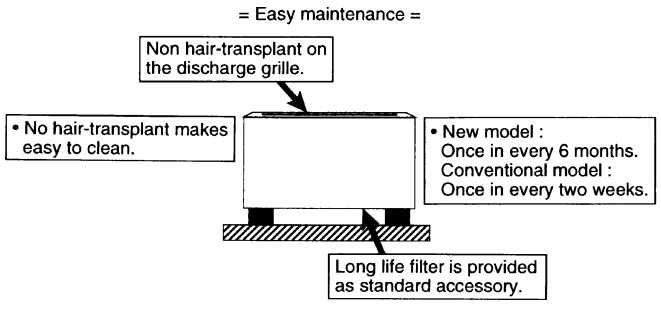
(3) Easy maintenance

When the unit is hung on the wall, it is easy to clean the floor. (Exposed type)

- The maintenance of the discharge grille is improved.
- The interval of filter cleaning is prolonged.



(V0066)



(V0067)

(4) Environment friendly packing

- No Styrofoam is used.
- Material saving packing.

2. Specifications

2.1 Technical Specifications

S-PM3HPS/S-RM3HPS				20	25	32	40	50	63
Cooling Capacity (1)			kW	2.2	2.8	3.6	4.5	5.6	7.1
Heating Capacity (2)			kW	2.5	3.2	4.0	5.0	6.3	8.0
Nominal input	Cooling		W	49		90		110	
	Heating		W	49		90		110	
Dimensions	S-PM3	HxWxD	mm	600x1,000x222		600x1,140x222		600x1,420x222	
	S-RM3	HxWxD	mm	610x930x220		610x1,070x220		610x1,350x220	
Weight	S-PM3		kg	25		30		36	
	S-RM3		kg	19		23		27	
Colour	S-PM3			Ivory White (5Y7.5/1)					
Casing	S-RM3			Galvanized Steel Plate					
Sound Level	Sound Pressure 220V	High	dBA	35			38	39	40
		Low	dBA	32			33	34	35
	Sound Power		dBA	*			*	*	*
Fan	Air Flow Rate	High	m^3/h	420		480	660	840	960
		Low	m^3/h	360		360	510	660	720
	Type			sirocco fan					
	Model			D14B20		2D14B13		2D14B20	
	Motor Output		W	15		25		35	
	Drive			direct drive					
Heat Exchanger	Rows x Stages x Fin Pitch		mm	3x14x1.5					
	Face Area		m^2	0.159		0.200		0.282	
Air Filter				Resin Net with Mold Resistant					
Refrigerant Control				Electronic Expansion Valve					
Temperature Control				Microprocessor Thermostat for Cooling and Heating					
Piping Connections	Liquid	Flare	mm	ø 6.4					ø 9.5
	Gas	Flare	mm	ø 12.7					ø 15.9
	Drain		mm	ø 21 External Diameter (Vinyl Chloride)					
Sound Absorbing Thermal Insulation				Glass Fiber / Urethane Foam					

3D038816 + 3D038817

Notes:

1. Nominal cooling capacities are based on:
   - Indoor temperature: 27°CDB, 19°CWB
   - Outdoor temperature: 35°CDB
   - Equivalent refrigerant piping: 7.5m (horizontal)
2. Nominal heating capacities are based on:
   - Indoor temperature: 20°CDB
   - Outdoor temperature: 7°CDB, 6°CWB
   - Equivalent refrigerant piping: 7.5m (horizontal)
3. Capacities are net including a deduction for cooling (an addition for heating) for indoor fan motor heat.

* data were not available at the time of publication

13

2.2 Electrical Specifications

S-PM3HPS/S-RM3HPS			20	25	32	40	50	63
Current	Minimum Circuit Amps (MCA)	A	0.3		0.6			
	Maximum Fuse Amps (MFA) (5)	A	15					
Power Supply		VE	1 ~, 50Hz, 230V					
Voltage Range	Min~Max	V	198 ~ 264					
Indoor Fan motor	Fan Motor Rated Output	W	15		25		35	
	Full Load Amps (FLA)	A	0.2		0.5			

4D034579

Notes:

1. Voltage range: units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
2. Maximum allowable voltage range variation between phases is 2%.
3. MCA/MFA:
   MCA = 1.25 x FLA
   MFA ≤ 4 x FLA
   (next lower standard fuse rating minimum 15A.)
4. Select wire size based on the MCA.
5. Instead of a fuse, use a circuit breaker

2.3 Safety Device Settings

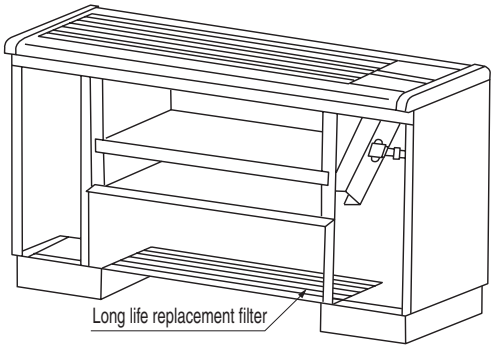
S-PM3HPS/S-RM3HPS		20	25	32	40	50	63
Pc Board Fuse		250V 10A					
Fan Motor Thermal Protector	°C	OFF: $135^{\pm 10}$ / ON: 120 or less					

3D034529

3. Accessories

S-PM3HPS/S-RM3HPS	20	25	32	40	50	63
Long Life Replacement Filter	KAFJ361K28		KAFJ361K45		KAFJ361K71	

4D034574



4. Control Systems

4.1 Individual Control Systems

Wired Remote Control		CZ-02RT11P
Infrared Remote Control	Heat pump	CZ-02RWF12P
Simplified Remote Control		CZ-02RE11P
Remote Control for Hotel Use		CZ-03RE11P

4.2 Centralized Control Systems

Centralized Remote Control	CZ-01ESM11P
Unified On/Off Control	CZ-01ANA11P
Schedule Timer	CZ-01ESW11P

4.3 Others

Wiring Adapter	KRP1B61
BMS Interface Adapter for Unified Group	KRP2A51
BMS Interface Adapter for Individual and Unified Control	KRP4A51
Remote Sensor	CZ-10RSA
Electrical Box with Earth Terminal (3 Blocks)	KJB311A
Electrical Box with Earth Terminal (2 Blocks)	KJB212A
Noise Filter (for Electromagnetic Interface Use Only)	KEK26-1
BMS Interface Adapter for Outdoor Units (Installation on Indoor Unit)	DTA104A61

4D034581

5. Capacity Tables

5.1 Cooling Capacity

TC: Total Capacity;kW - SHC: Sensible Capacity;kW

Unit size	Nominal capacity	Outdoor air temp	Indoor air temperature													
			14.0WB		16.0WB		18.0WB		19.0WB		20.0WB		22.0WB		24.0WB	
			20.0DB		23.0DB		26.0DB		27.0DB		28.0DB		30.0DB		32.0DB	
		°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
20	2.2	10.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.8	2.9	1.8
		12.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.8	2.9	1.7
		14.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.8	2.8	1.7
		16.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.8	2.8	1.7
		18.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.8	2.7	1.7
		20.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.8	2.7	1.6
		21.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.8	2.7	1.6
		23.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.8	2.6	1.6
		25.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.7	2.6	1.6
		27.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.5	1.7	2.6	1.6
		29.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.5	1.7	2.5	1.6
		31.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.4	1.7	2.5	1.6
		33.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.4	1.7	2.5	1.6
		35.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.7	2.4	1.6	2.4	1.5
		37.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.7	2.3	1.6	2.4	1.6
		39.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.2	1.7	2.3	1.6	2.3	1.5
25	2.8	10.0	1.9	1.6	2.3	1.8	2.6	2.0	2.8	2.1	3.0	2.1	3.4	2.1	3.7	2.1
		12.0	1.9	1.6	2.3	1.8	2.6	2.0	2.8	2.1	3.0	2.1	3.4	2.1	3.6	2.1
		14.0	1.9	1.6	2.3	1.8	2.6	2.0	2.8	2.1	3.0	2.1	3.4	2.1	3.6	2.1
		16.0	1.9	1.6	2.3	1.8	2.6	2.0	2.8	2.1	3.0	2.1	3.4	2.1	3.5	2.1
		18.0	1.9	1.6	2.3	1.8	2.6	2.0	2.8	2.1	3.0	2.1	3.4	2.1	3.5	2.0
		20.0	1.9	1.6	2.3	1.8	2.6	2.0	2.8	2.1	3.0	2.1	3.4	2.1	3.4	2.0
		21.0	1.9	1.6	2.3	1.8	2.6	2.0	2.8	2.1	3.0	2.1	3.4	2.1	3.4	2.0
		23.0	1.9	1.6	2.3	1.8	2.6	2.0	2.8	2.1	3.0	2.1	3.3	2.1	3.4	2.0
		25.0	1.9	1.6	2.3	1.8	2.6	2.0	2.8	2.1	3.0	2.1	3.3	2.1	3.3	2.0
		27.0	1.9	1.6	2.3	1.8	2.6	2.0	2.8	2.1	3.0	2.1	3.2	2.1	3.3	1.9
		29.0	1.9	1.6	2.3	1.8	2.6	2.0	2.8	2.1	3.0	2.1	3.2	2.0	3.2	1.9
		31.0	1.9	1.6	2.3	1.8	2.6	2.0	2.8	2.1	3.0	2.1	3.1	2.0	3.2	1.9
		33.0	1.9	1.6	2.3	1.8	2.6	2.0	2.8	2.1	3.0	2.1	3.1	2.0	3.1	1.9
		35.0	1.9	1.6	2.3	1.8	2.6	2.0	2.8	2.1	3.0	2.1	3.0	2.0	3.1	1.9
		37.0	1.9	1.6	2.3	1.8	2.6	2.0	2.8	2.1	2.9	2.0	3.0	2.0	3.0	1.9
		39.0	1.9	1.6	2.3	1.8	2.6	2.0	2.8	2.1	2.9	2.0	2.9	2.0	3.0	1.9
32	3.6	10.0	2.4	2.1	2.9	2.2	3.4	2.5	3.6	2.5	3.8	2.6	4.3	2.6	4.7	2.6
		12.0	2.4	2.1	2.9	2.2	3.4	2.5	3.6	2.5	3.8	2.6	4.3	2.6	4.7	2.6
		14.0	2.4	2.1	2.9	2.2	3.4	2.5	3.6	2.5	3.8	2.6	4.3	2.6	4.6	2.6
		16.0	2.4	2.1	2.9	2.2	3.4	2.5	3.6	2.5	3.8	2.6	4.3	2.6	4.6	2.5
		18.0	2.4	2.1	2.9	2.2	3.4	2.5	3.6	2.5	3.8	2.6	4.3	2.6	4.5	2.5
		20.0	2.4	2.1	2.9	2.2	3.4	2.5	3.6	2.5	3.8	2.6	4.3	2.6	4.4	2.5
		21.0	2.4	2.1	2.9	2.2	3.4	2.5	3.6	2.5	3.8	2.6	4.3	2.6	4.4	2.5
		23.0	2.4	2.1	2.9	2.2	3.4	2.5	3.6	2.5	3.8	2.6	4.2	2.6	4.3	2.4
		25.0	2.4	2.1	2.9	2.2	3.4	2.5	3.6	2.5	3.8	2.6	4.2	2.6	4.3	2.4
		27.0	2.4	2.1	2.9	2.2	3.4	2.5	3.6	2.5	3.8	2.6	4.1	2.5	4.2	2.4
		29.0	2.4	2.1	2.9	2.2	3.4	2.5	3.6	2.5	3.8	2.6	4.1	2.5	4.2	2.4
		31.0	2.4	2.1	2.9	2.2	3.4	2.5	3.6	2.5	3.8	2.6	4.0	2.5	4.1	2.4
		33.0	2.4	2.1	2.9	2.2	3.4	2.5	3.6	2.5	3.8	2.6	3.9	2.4	4.0	2.3
		35.0	2.4	2.1	2.9	2.2	3.4	2.5	3.6	2.5	3.8	2.5	3.9	2.4	4.0	2.3
		37.0	2.4	2.1	2.9	2.2	3.4	2.5	3.6	2.5	3.7	2.5	3.8	2.4	3.9	2.3
		39.0	2.4	2.1	2.9	2.2	3.4	2.5	3.6	2.6	3.7	2.5	3.8	2.4	3.8	2.3
40	4.5	10.0	3.0	2.5	3.6	2.7	4.2	3.1	4.5	3.1	4.8	3.2	5.4	3.3	5.9	3.3
		12.0	3.0	2.5	3.6	2.7	4.2	3.1	4.5	3.1	4.8	3.2	5.4	3.3	5.8	3.3
		14.0	3.0	2.5	3.6	2.7	4.2	3.1	4.5	3.1	4.8	3.2	5.4	3.3	5.8	3.2
		16.0	3.0	2.5	3.6	2.7	4.2	3.1	4.5	3.1	4.8	3.2	5.4	3.3	5.7	3.2
		18.0	3.0	2.5	3.6	2.7	4.2	3.1	4.5	3.1	4.8	3.2	5.4	3.3	5.6	3.1
		20.0	3.0	2.5	3.6	2.7	4.2	3.1	4.5	3.1	4.8	3.2	5.4	3.3	5.5	3.1
		21.0	3.0	2.5	3.6	2.7	4.2	3.1	4.5	3.1	4.8	3.2	5.4	3.3	5.5	3.1
		23.0	3.0	2.5	3.6	2.7	4.2	3.1	4.5	3.1	4.8	3.2	5.3	3.2	5.4	3.0
		25.0	3.0	2.5	3.6	2.7	4.2	3.1	4.5	3.1	4.8	3.2	5.2	3.2	5.3	3.0
		27.0	3.0	2.5	3.6	2.7	4.2	3.1	4.5	3.1	4.8	3.2	5.2	3.1	5.3	3.0
		29.0	3.0	2.5	3.6	2.7	4.2	3.1	4.5	3.1	4.8	3.2	5.1	3.1	5.2	3.0
		31.0	3.0	2.5	3.6	2.7	4.2	3.1	4.5	3.1	4.8	3.2	5.0	3.1	5.1	2.9
		33.0	3.0	2.5	3.6	2.7	4.2	3.1	4.5	3.1	4.8	3.2	4.9	3.0	5.0	2.9
		35.0	3.0	2.5	3.6	2.7	4.2	3.1	4.5	3.1	4.7	3.2	4.9	3.1	5.0	2.9
		37.0	3.0	2.5	3.6	2.7	4.2	3.1	4.5	3.1	4.7	3.2	4.8	3.0	4.9	2.8
		39.0	3.0	2.5	3.6	2.7	4.2	3.1	4.5	3.2	4.6	3.1	4.7	3.0	4.8	2.8

13

TC: Total Capacity;kW - SHC: Sensible Capacity;kW

Unit size	Nominal capacity	Outdoor air temp	Indoor air temperature													
			14.0WB		16.0WB		18.0WB		19.0WB		20.0WB		22.0WB		24.0WB	
			20.0DB		23.0DB		26.0DB		27.0DB		28.0DB		30.0DB		32.0DB	
		°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
50	5.6	10.0	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.7	4.1	7.4	4.1
		12.0	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.7	4.1	7.3	4.1
		14.0	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.7	4.1	7.2	4.0
		16.0	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.7	4.1	7.1	4.0
		18.0	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.7	4.1	7.0	3.9
		20.0	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.7	4.1	6.9	3.9
		21.0	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.7	4.1	6.8	3.8
		23.0	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.6	4.0	6.7	3.8
		25.0	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.5	4.0	6.6	3.7
		27.0	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.4	3.9	6.6	3.7
		29.0	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.3	3.9	6.5	3.7
		31.0	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.2	3.8	6.4	3.7
		33.0	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.1	3.8	6.3	3.6
		35.0	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	5.9	4.0	6.0	3.8	6.2	3.6
		37.0	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	5.8	3.9	5.9	3.7	6.1	3.6
		39.0	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	5.7	3.9	5.8	3.7	6.0	3.5
63	7.1	10.0	4.8	3.7	5.7	4.2	6.6	4.8	7.1	4.9	7.6	5.0	8.5	5.1	9.3	5.0
		12.0	4.8	3.7	5.7	4.2	6.6	4.8	7.1	4.9	7.6	5.0	8.5	5.1	9.2	5.0
		14.0	4.8	3.7	5.7	4.2	6.6	4.8	7.1	4.9	7.6	5.0	8.5	5.1	9.1	4.9
		16.0	4.8	3.7	5.7	4.2	6.6	4.8	7.1	4.9	7.6	5.0	8.5	5.1	9.0	4.8
		18.0	4.8	3.7	5.7	4.2	6.6	4.8	7.1	4.9	7.6	5.0	8.5	5.1	8.8	4.8
		20.0	4.8	3.7	5.7	4.2	6.6	4.8	7.1	4.9	7.6	5.0	8.5	5.1	8.7	4.7
		21.0	4.8	3.7	5.7	4.2	6.6	4.8	7.1	4.9	7.6	5.0	8.5	5.1	8.7	4.7
		23.0	4.8	3.7	5.7	4.2	6.6	4.8	7.1	4.9	7.6	5.0	8.4	5.0	8.5	4.6
		25.0	4.8	3.7	5.7	4.2	6.6	4.8	7.1	4.9	7.6	5.0	8.3	5.0	8.4	4.5
		27.0	4.8	3.7	5.7	4.2	6.6	4.8	7.1	4.9	7.6	5.0	8.1	4.9	8.3	4.5
		29.0	4.8	3.7	5.7	4.2	6.6	4.8	7.1	4.9	7.6	5.0	8.0	4.8	8.2	4.5
		31.0	4.8	3.7	5.7	4.2	6.6	4.8	7.1	4.9	7.6	5.0	7.9	4.7	8.1	4.4
		33.0	4.8	3.7	5.7	4.2	6.6	4.8	7.1	4.9	7.6	5.0	7.8	4.7	7.9	4.4
		35.0	4.8	3.7	5.7	4.2	6.6	4.8	7.1	4.9	7.5	4.9	7.7	4.7	7.8	4.3
		37.0	4.8	3.7	5.7	4.2	6.6	4.8	7.1	4.9	7.4	4.9	7.5	4.6	7.7	4.2
		39.0	4.8	3.7	5.7	4.2	6.6	4.8	7.1	4.9	7.2	4.8	7.4	4.6	7.6	4.2

CA03A095

5.2 Heating Capacity

Unit Size	Nominal capacity	Outdoor air temperature		Indoor air temperature °CDB					
				16.0	18.0	20.0	21.0	22.0	24.0
		°CDB	°CWB	kW	kW	kW	kW	kW	kW
20	2.5	-19.8	-20.0	1.5	1.5	1.5	1.5	1.5	1.5
		-18.8	-19.0	1.5	1.5	1.5	1.5	1.5	1.5
		-16.7	-17.0	1.6	1.6	1.6	1.6	1.6	1.6
		-14.7	-15.0	1.7	1.7	1.7	1.7	1.7	1.7
		-12.6	-13.0	1.8	1.8	1.8	1.8	1.8	1.8
		-10.5	-11.0	1.9	1.9	1.9	1.9	1.9	1.9
		-9.5	-10.0	1.9	1.9	1.9	1.9	1.9	1.9
		-8.5	-9.1	2.0	2.0	1.9	1.9	1.9	1.9
		-7.0	-7.6	2.0	2.0	2.0	2.0	2.0	2.0
		-5.0	-5.6	2.1	2.1	2.1	2.1	2.1	2.1
		-3.0	-3.7	2.2	2.2	2.2	2.2	2.2	2.2
		0.0	-0.7	2.3	2.3	2.3	2.3	2.3	2.2
		3.0	2.2	2.5	2.5	2.4	2.4	2.3	2.2
		5.0	4.1	2.5	2.5	2.5	2.4	2.3	2.2
		7.0	6.0	2.6	2.6	2.5	2.4	2.3	2.2
		9.0	7.9	2.7	2.7	2.5	2.4	2.3	2.2
		11.0	9.8	2.8	2.7	2.5	2.4	2.3	2.2
		13.0	11.8	2.8	2.7	2.5	2.4	2.3	2.2
		15.0	13.7	2.8	2.7	2.5	2.4	2.3	2.2
25	3.2	-19.8	-20.0	1.9	1.9	1.9	1.9	1.9	1.9
		-18.8	-19.0	1.9	1.9	1.9	1.9	1.9	1.9
		-16.7	-17.0	2.1	2.1	2.0	2.0	2.0	2.0
		-14.7	-15.0	2.2	2.2	2.2	2.2	2.2	2.1
		-12.6	-13.0	2.3	2.3	2.3	2.3	2.3	2.3
		-10.5	-11.0	2.4	2.4	2.4	2.4	2.4	2.4
		-9.5	-10.0	2.5	2.4	2.4	2.4	2.4	2.4
		-8.5	-9.1	2.5	2.5	2.5	2.5	2.5	2.5
		-7.0	-7.6	2.6	2.6	2.6	2.6	2.6	2.6
		-5.0	-5.6	2.7	2.7	2.7	2.7	2.7	2.7
		-3.0	-3.7	2.8	2.8	2.8	2.8	2.8	2.8
		0.0	-0.7	3.0	3.0	3.0	3.0	3.0	2.8
		3.0	2.2	3.1	3.1	3.1	3.1	3.0	2.8
		5.0	4.1	3.3	3.2	3.2	3.1	3.0	2.8
		7.0	6.0	3.4	3.4	3.2	3.1	3.0	2.8
		9.0	7.9	3.5	3.4	3.2	3.1	3.0	2.8
		11.0	9.8	3.6	3.4	3.2	3.1	3.0	2.8
		13.0	11.8	3.6	3.4	3.2	3.1	3.0	2.8
		15.0	13.7	3.6	3.4	3.2	3.1	3.0	2.8
32	4.0	-19.8	-20.0	2.4	2.4	2.3	2.3	2.3	2.3
		-18.8	-19.0	2.4	2.4	2.4	2.4	2.4	2.4
		-16.7	-17.0	2.6	2.6	2.6	2.6	2.6	2.5
		-14.7	-15.0	2.7	2.7	2.7	2.7	2.7	2.7
		-12.6	-13.0	2.9	2.8	2.8	2.8	2.8	2.8
		-10.5	-11.0	3.0	3.0	3.0	3.0	3.0	3.0
		-9.5	-10.0	3.1	3.1	3.1	3.1	3.0	3.0
		-8.5	-9.1	3.1	3.1	3.1	3.1	3.1	3.1
		-7.0	-7.6	3.2	3.2	3.2	3.2	3.2	3.2
		-5.0	-5.6	3.4	3.4	3.4	3.4	3.4	3.4
		-3.0	-3.7	3.5	3.5	3.5	3.5	3.5	3.5
		0.0	-0.7	3.7	3.7	3.7	3.7	3.7	3.5
		3.0	2.2	3.9	3.9	3.9	3.9	3.7	3.5
		5.0	4.1	4.1	4.1	4.0	3.9	3.7	3.5
		7.0	6.0	4.2	4.2	4.0	3.9	3.7	3.5
		9.0	7.9	4.3	4.3	4.0	3.9	3.7	3.5
		11.0	9.8	4.5	4.3	4.0	3.9	3.7	3.5
		13.0	11.8	4.5	4.3	4.0	3.9	3.7	3.5
		15.0	13.7	4.5	4.3	4.0	3.9	3.7	3.5

13

Unit Size	Nominal capacity	Outdoor air temperature		Indoor air temperature °CDB					
				16.0	18.0	20.0	21.0	22.0	24.0
		°CDB	°CWB	kW	kW	kW	kW	kW	kW
40	5.0	-19.8	-20.0	3.0	2.9	2.9	2.9	2.9	2.9
		-18.8	-19.0	3.0	3.0	3.0	3.0	3.0	3.0
		-16.7	-17.0	3.2	3.2	3.2	3.2	3.2	3.2
		-14.7	-15.0	3.4	3.4	3.4	3.4	3.4	3.4
		-12.6	-13.0	3.6	3.6	3.6	3.5	3.5	3.5
		-10.5	-11.0	3.7	3.7	3.7	3.7	3.7	3.7
		-9.5	-10.0	3.8	3.8	3.8	3.8	3.8	3.8
		-8.5	-9.1	3.9	3.9	3.9	3.9	3.9	3.9
		-7.0	-7.6	4.0	4.0	4.0	4.0	4.0	4.0
		-5.0	-5.6	4.2	4.2	4.2	4.2	4.2	4.2
		-3.0	-3.7	4.4	4.4	4.4	4.4	4.4	4.4
		0.0	-0.7	4.7	4.6	4.6	4.6	4.6	4.4
		3.0	2.2	4.9	4.9	4.9	4.8	4.7	4.4
		5.0	4.1	5.1	5.1	5.0	4.8	4.7	4.4
		7.0	6.0	5.2	5.2	5.0	4.8	4.7	4.4
		9.0	7.9	5.4	5.3	5.0	4.8	4.7	4.4
		11.0	9.8	5.6	5.3	5.0	4.8	4.7	4.4
		13.0	11.8	5.6	5.3	5.0	4.8	4.7	4.4
		15.0	13.7	5.6	5.3	5.0	4.8	4.7	4.4
50	6.3	-19.8	-20.0	3.7	3.7	3.7	3.7	3.7	3.7
		-18.8	-19.0	3.8	3.8	3.8	3.8	3.8	3.8
		-16.7	-17.0	4.1	4.0	4.0	4.0	4.0	4.0
		-14.7	-15.0	4.3	4.3	4.3	4.2	4.2	4.2
		-12.6	-13.0	4.5	4.5	4.5	4.5	4.5	4.5
		-10.5	-11.0	4.7	4.7	4.7	4.7	4.7	4.7
		-9.5	-10.0	4.8	4.8	4.8	4.8	4.8	4.8
		-8.5	-9.1	4.9	4.9	4.9	4.9	4.9	4.9
		-7.0	-7.6	5.1	5.1	5.1	5.1	5.1	5.1
		-5.0	-5.6	5.3	5.3	5.3	5.3	5.3	5.3
		-3.0	-3.7	5.5	5.5	5.5	5.5	5.5	5.5
		0.0	-0.7	5.9	5.9	5.8	5.8	5.8	5.5
		3.0	2.2	6.2	6.2	6.2	6.1	5.9	5.5
		5.0	4.1	6.4	6.4	6.3	6.1	5.9	5.5
		7.0	6.0	6.6	6.6	6.3	6.1	5.9	5.5
		9.0	7.9	6.8	6.7	6.3	6.1	5.9	5.5
		11.0	9.8	7.0	6.7	6.3	6.1	5.9	5.5
		13.0	11.8	7.1	6.7	6.3	6.1	5.9	5.5
		15.0	13.7	7.1	6.7	6.3	6.1	5.9	5.5
63	8.0	-19.8	-20.0	4.7	4.7	4.7	4.7	4.7	4.7
		-18.8	-19.0	4.9	4.9	4.8	4.8	4.8	4.8
		-16.7	-17.0	5.1	5.1	5.1	5.1	5.1	5.1
		-14.7	-15.0	5.4	5.4	5.4	5.4	5.4	5.4
		-12.6	-13.0	5.7	5.7	5.7	5.7	5.7	5.7
		-10.5	-11.0	6.0	6.0	6.0	6.0	6.0	5.9
		-9.5	-10.0	6.1	6.1	6.1	6.1	6.1	6.1
		-8.5	-9.1	6.3	6.3	6.2	6.2	6.2	6.2
		-7.0	-7.6	6.5	6.5	6.4	6.4	6.4	6.4
		-5.0	-5.6	6.8	6.7	6.7	6.7	6.7	6.7
		-3.0	-3.7	7.0	7.0	7.0	7.0	7.0	7.0
		0.0	-0.7	7.5	7.4	7.4	7.4	7.4	7.0
		3.0	2.2	7.9	7.8	7.8	7.7	7.5	7.0
		5.0	4.1	8.1	8.1	8.0	7.7	7.5	7.0
		7.0	6.0	8.4	8.4	8.0	7.7	7.5	7.0
		9.0	7.9	8.7	8.5	8.0	7.7	7.5	7.0
		11.0	9.8	8.9	8.5	8.0	7.7	7.5	7.0
		13.0	11.8	9.0	8.5	8.0	7.7	7.5	7.0
		15.0	13.7	9.0	8.5	8.0	7.7	7.5	7.0

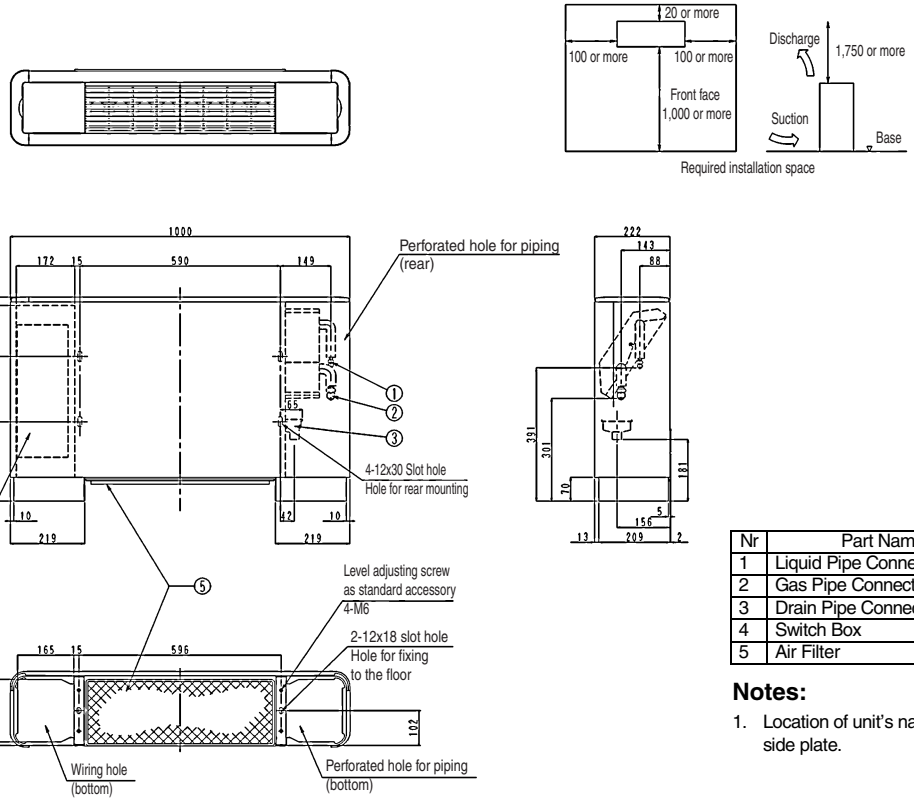
CA03A095

6. Dimensions

6.1 Dimensional Drawings

6.1.1 Floor Standing Unit - S-PM3HPS

S-20·25PM3HPS



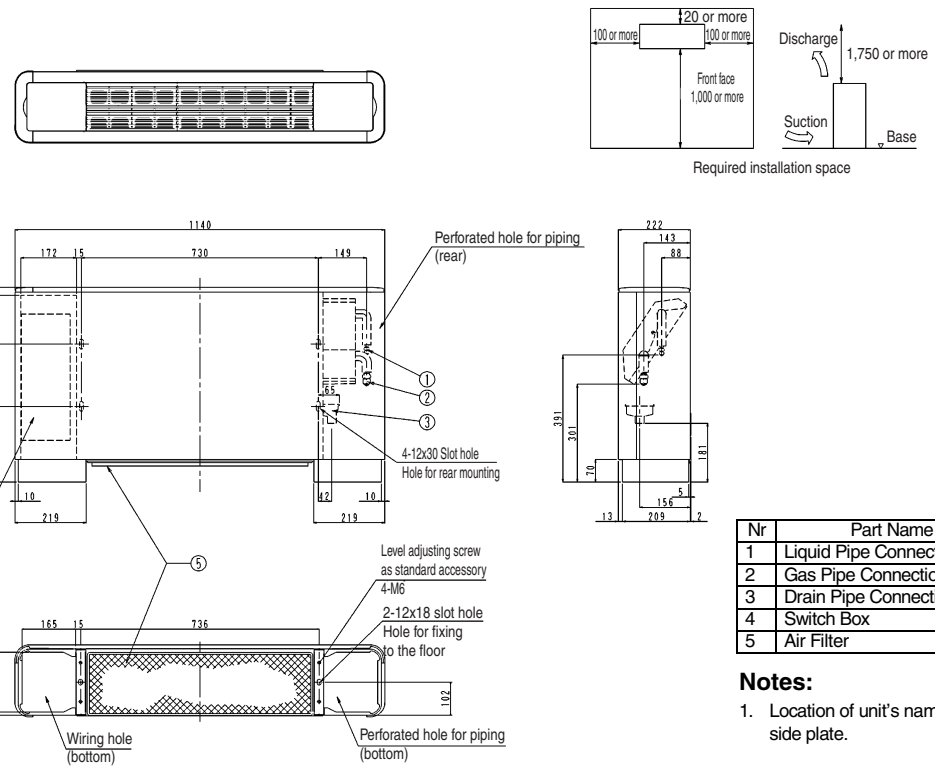
Nr	Part Name	Description
1	Liquid Pipe Connection Port	ø6.4 Flare Connection
2	Gas Pipe Connection Port	ø12.7 Flare Connection
3	Drain Pipe Connection Port	O.D. 21
4	Switch Box	
5	Air Filter	

Notes:

1. Location of unit's name plate: outside surface of right side plate.

3D038860

S-32·40PM3HPS



Nr	Part Name	Description
1	Liquid Pipe Connection Port	ø6.4 Flare Connection
2	Gas Pipe Connection Port	ø12.7 Flare Connection
3	Drain Pipe Connection Port	O.D. 21
4	Switch Box	
5	Air Filter	

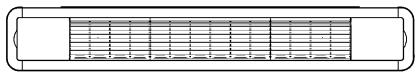
Notes:

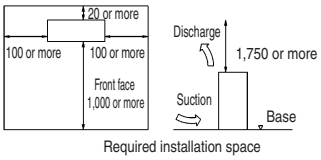
1. Location of unit's name plate: outside surface of right side plate.

3D038861

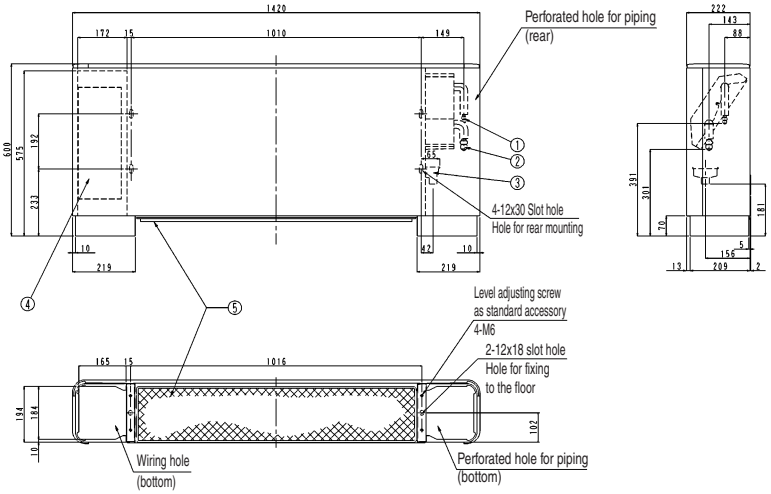
13

S-50·63PM3HPS





Required installation space



Piping Size (Field Supply)

Indoor unit	Gas Side	Liquid Side
S-50PM3HPS	ø 12.7	ø 6.4
S-63PM3HPS	ø 15.9	ø 9.5

Nr	Part Name	Description
1	Liquid Pipe Connection Port	Flare Connection
2	Gas Pipe Connection Port	Flare Connection
3	Drain Pipe Connection Port	O.D. 21
4	Switch Box	
5	Air Filter	

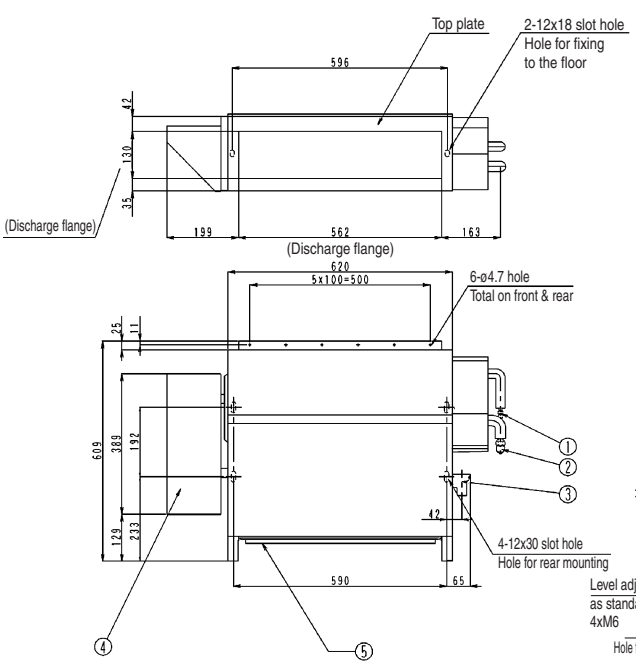
Notes:

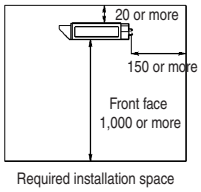
1. Location of unit's name plate: outside surface of right side plate.

3D038862

6.1.2 Concealed Floor Standing Unit - S-RM3HPS

S-20·25RM3HPS





Required installation space

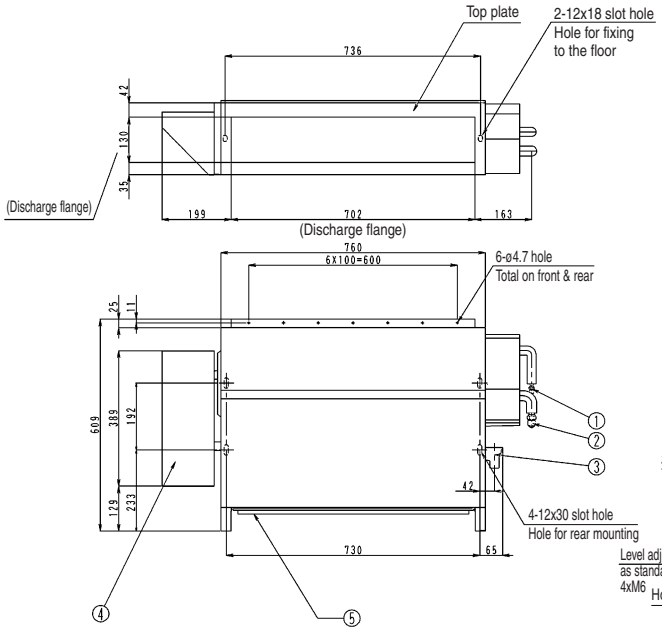
Nr	Part Name	Description
1	Liquid Pipe Connection Port	ø6.4 Flare Connection
2	Gas Pipe Connection Port	ø12.7 Flare Connection
3	Drain Pipe Connection Port	O.D. 21
4	Switch Box	
5	Air Filter	

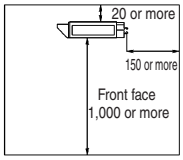
Notes:

1. Location of unit's name plate: right lower corner of front plate.

3D038863

S-32·40RM3HPS





Required installation space

Nr	Part Name	Description
1	Liquid Pipe Connection Port	ø6.4 Flare Connection
2	Gas Pipe Connection Port	ø12.7 Flare Connection
3	Drain Pipe Connection Port	O.D. 21
4	Switch Box	
5	Air Filter	

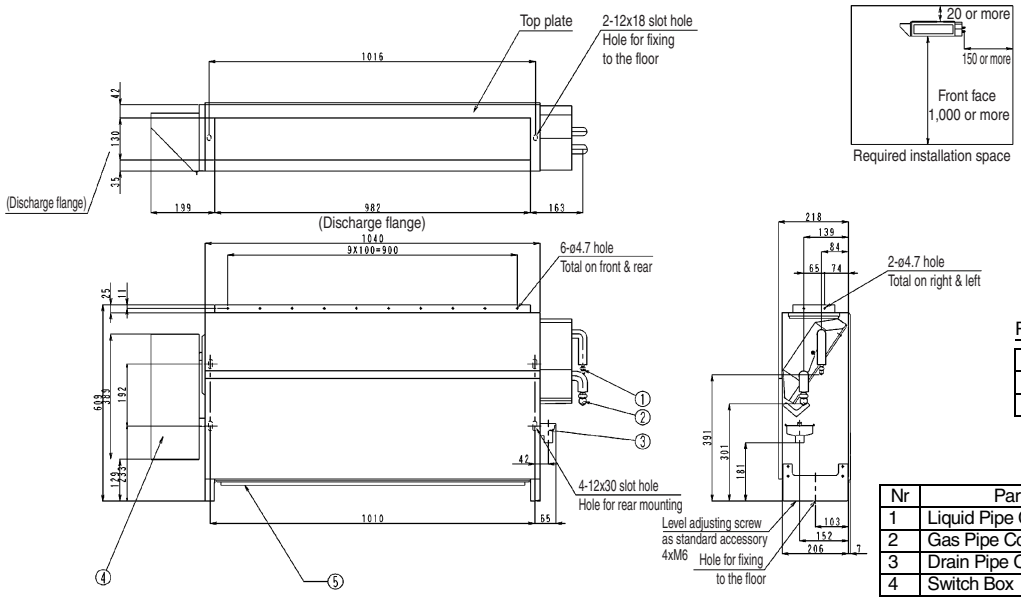
Notes:

1. Location of unit's name plate: right lower corner of front plate.

3D038864

13

S-50·63RM3HPS



Piping Size (Field Supply)

Indoor Unit	Gas Side	Liquid Side
S-50RM3HPS	ø 12.7	ø 6.4
S-63RM3HPS	ø 15.9	ø 9.5

Nr	Part Name	Description
1	Liquid Pipe Connection Port	Flare Connection
2	Gas Pipe Connection Port	Flare Connection
3	Drain Pipe Connection Port	O.D. 21
4	Switch Box	
5	Air Filter	

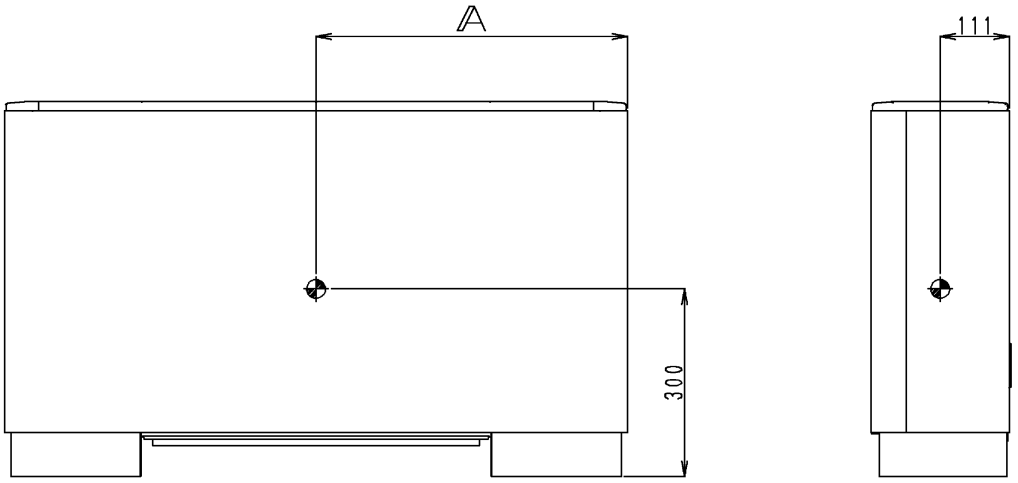
Notes:

1. Location of unit's name plate: right lower corner of front plate.

3D038865

6.2 Centre of Gravity

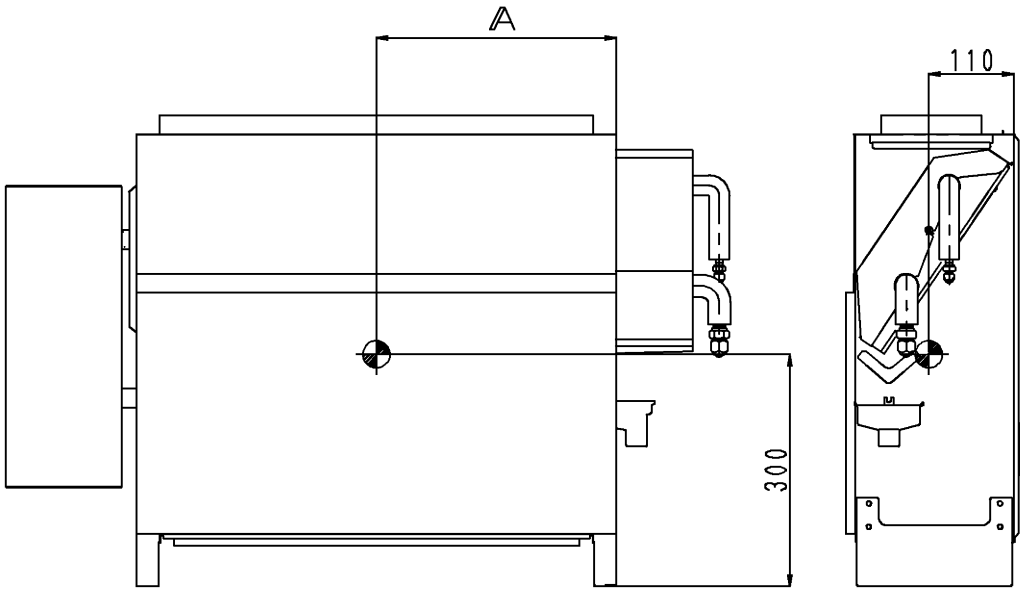
Floor Standing Unit - S-PM3HPS



Model	A
S-20PM3HPS	500
S-25PM3HPS	500
S-32PM3HPS	570
S-40PM3HPS	570
S-50PM3HPS	710
S-63PM3HPS	710

4D034527

Concealed Floor Standing Unit - S-RM3HPS



Model	A
S-20RM3HPS	395
S-25RM3HPS	395
S-32RM3HPS	465
S-40RM3HPS	465
S-50RM3HPS	505
S-63RM3HPS	505

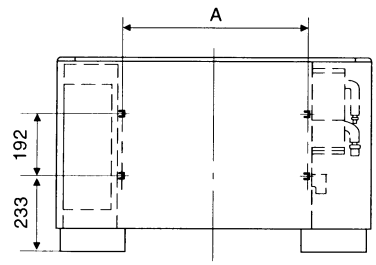
4D034533

13

6.3 Bolt Pitch

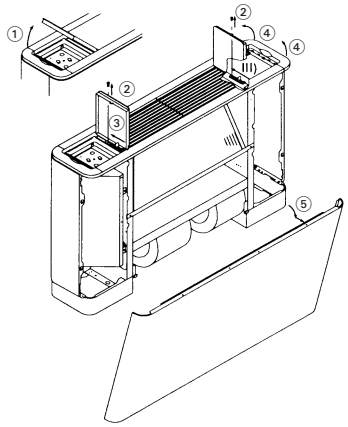
S-PM3HPS/S-RM3HPS

■ Positioning of Holes for Fastening to the Wall



Model	A
S-20,25PM3/RM3	590
S-32,40PM3/RM3	730
S-50,63PM3/RM3	1,010

■ How to Open/Close the Front Panel

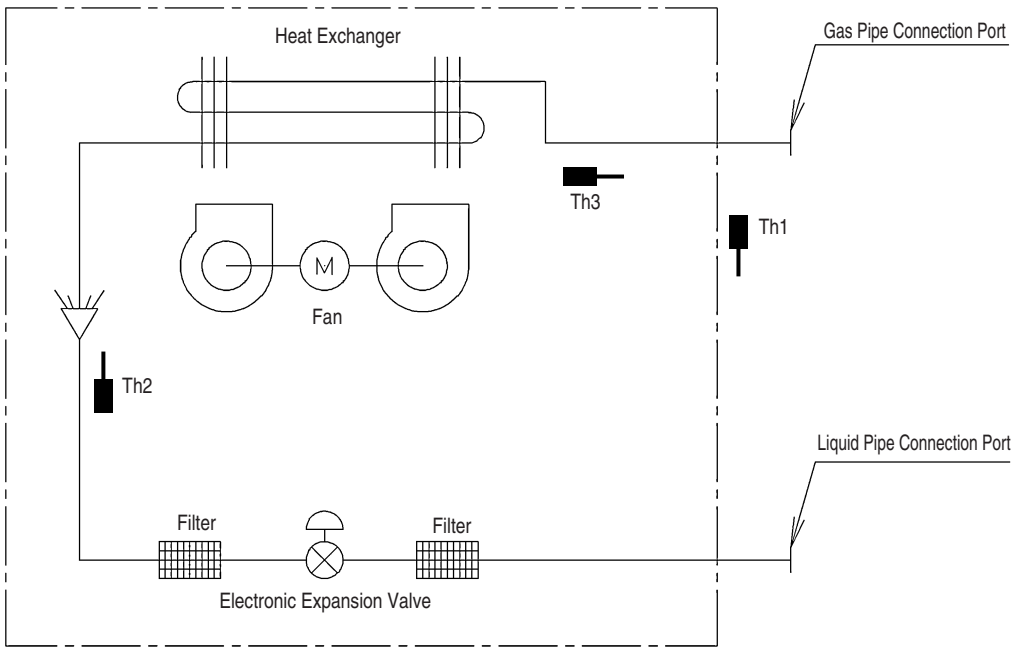


1. Open the lid of control panel (both left and right).
2. Remove screws (both left and right).
3. Push the knobs (both left and right) to the rear.
4. Lift the front of the top plate.
5. Lower the front panel towards the front of the unit.
6. To close, perform the procedure in opposite order. Pull towards the front until the knob snaps in place.

3PN86154-1-5

7. Piping Diagram

S-PM3HPS/S-RM3HPS



Piping Connection Diameters

Model	Gas	Liquid
S-20,25,32,40,50PM3/RM3	ø 12.7	ø 6.4
S-63PM3/RM3	ø 15.9	ø 9.5

Th1 : Thermistor for Suction Air Temperature

Th2 : Thermistor for Liquid Line Temperature

Th3 : Thermistor for Gas Line Temperature

Check Valve

Flare Connection

Screw Connection

Flange Connection

Pinched Pipe

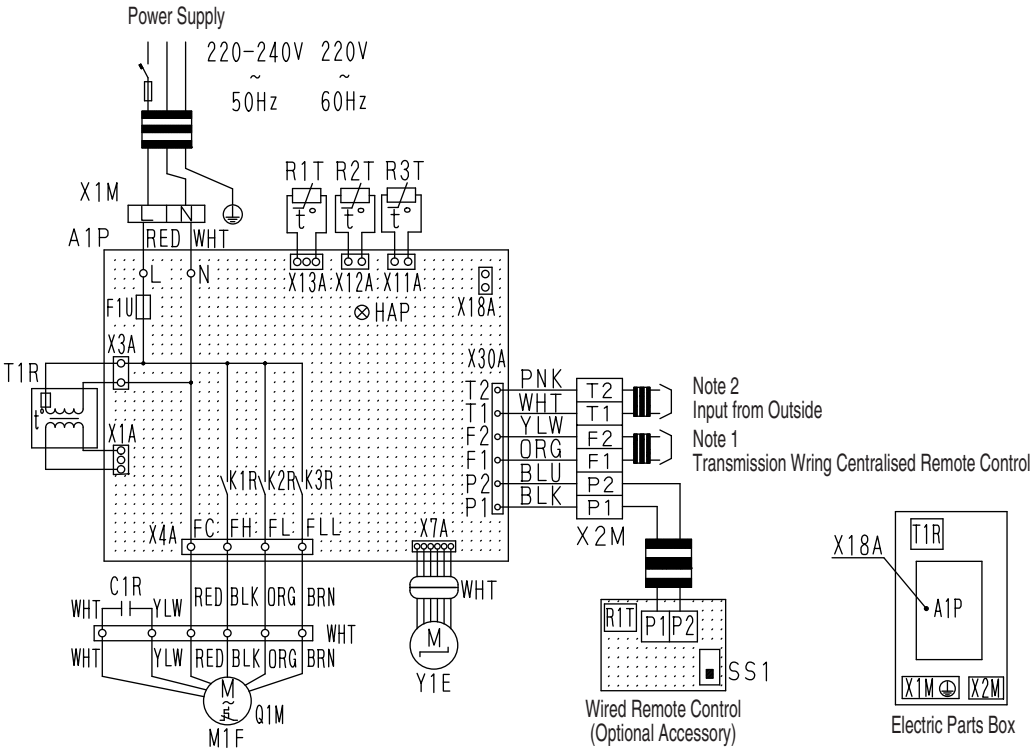
Spinned Pipe

4D034245

13

8. Wiring Diagram

S-PM3HPS/S-RM3HPS



Indoor Unit		K1R-K3R	Magnetic Relay (M1F)
A1P	Printed Circuit Board	T1R	Transformer (220-240V/22V)
C1R	Capacitor (M1F)	X1M	Terminal Strip (Power)
F1U	Fuse (250V, 5A, B)	X2M	Terminal Strip (Control)
HAP	Light Emitting Diode (Service Monitor-Green)	Y1E	Electronic Expansion Valve
		Wired Remote Control	
M1F	Motor (Indoor Fan)	R1T	Thermistor (Air)
Q1M	Thermo Switch (M1F Embedded)	SS1	Selector Switch (Main/Sub)
R1T	Thermistor (Air)	Connector for Optional Parts	
R2T • R3T	Thermistor (Coil)	X18A	Connector (Wiring Adapter for Electrical Appendices)

: Terminal
, D– : Connector
: Field Wiring

COLORS : BLK : Black PNK : Pink
BLU : Blue RED : Red
BRN : Brown WHT : White
ORG : Orange YLW : Yellow

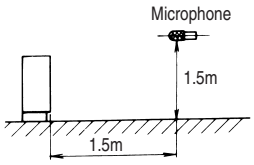
Notes:

1. When using centralized remote control, connect it to the unit in accordance with the attached instruction manual.
2. When connecting the input wires from the outside, forced off or on/off control operation can be selected by remote control. In details, refer to the installation manual attached to the unit.
3. Use copper conductors only.

3D039826

9. Sound Level

9.1 Sound Level Data S-PM3HPS

Model	Sound Pressure Level - 220V			Sound Power Level
	H	L	Measuring Location	
S-20PM3HPS	35	32		*
S-25PM3HPS	35	32		*
S-32PM3HPS	35	32		*
S-40PM3HPS	38	33		*
S-50PM3HPS	39	34		*
S-63PM3HPS	40	35		*

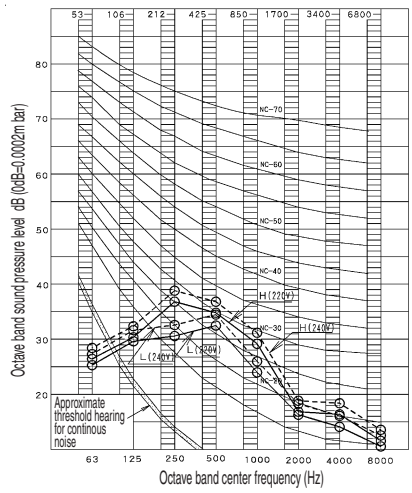
Notes:

1. Reference acoustic pressure 0 dB = 20 Pa.
2. Measuring place: anechoic chamber
3. Operating noise differs with operation and ambient conditions.

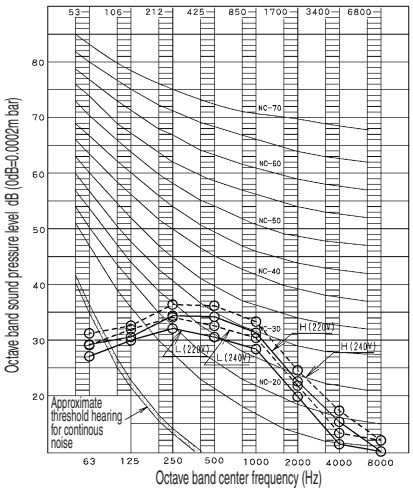
*Data were not available at the time of publication

9.2 Sound Pressure Spectrums S-PM3HPS

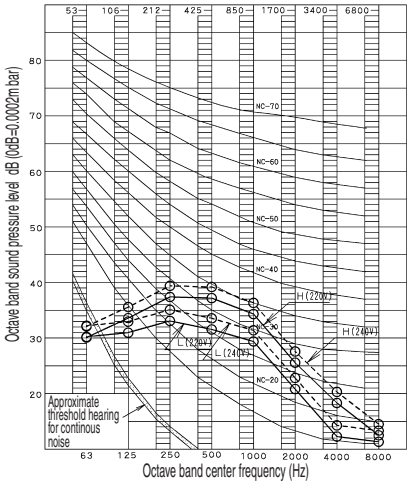
S-20·25PM3HPS 4D034528



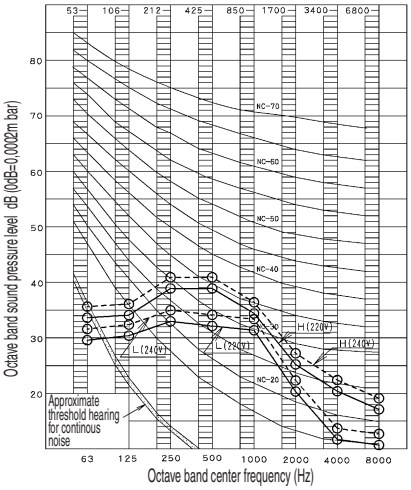
S-32PM3HPS 4D034564



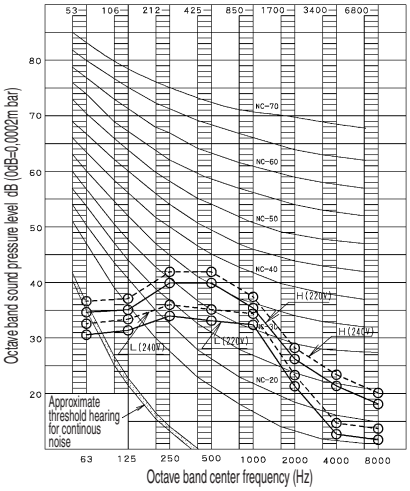
S-40PM3HPS 4D034565



S-50PM3HPS 4D034566

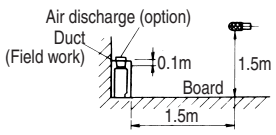


S-63PM3HPS 4D034567



13

9.3 Sound Level Data S-RM3HPS

Model	Sound Pressure Level - 220V			Sound Power Level
	H	L	Measuring Location	
S-20RM3HPS	35	32		*
S-25RM3HPS	35	32		*
S-32RM3HPS	35	32		*
S-40RM3HPS	38	33		*
S-50RM3HPS	39	34		*
S-63RM3HPS	40	35		*

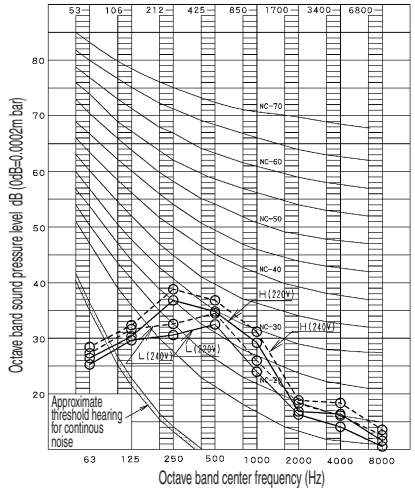
Notes:

1. Reference acoustic pressure 0 dB = 20 Pa.
2. Measuring place: anechoic chamber
3. Operating noise differs with operation and ambient conditions.

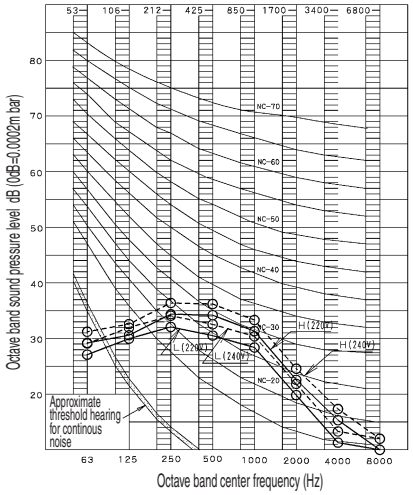
*Data were not available at the time of publication

9.4 Sound Pressure Spectrums S-RM3HPS

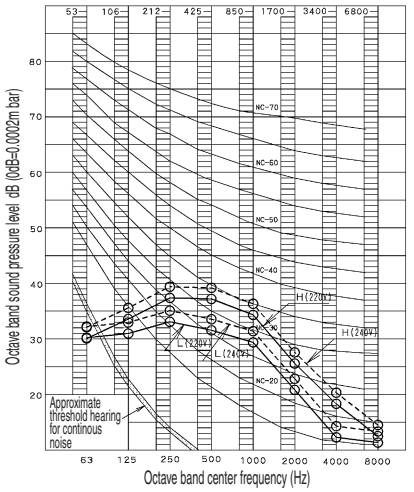
S-20·25RM3HPS 4D034534



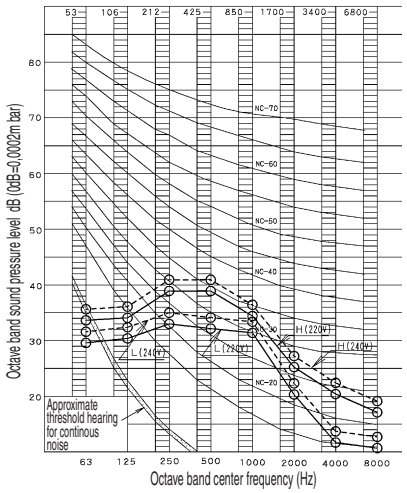
S-32RM3HPS 4D034535



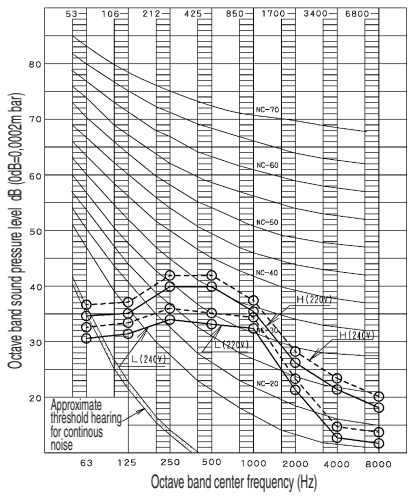
S-40RM3HPS 4D034536



S-50RM3HPS 4D034537



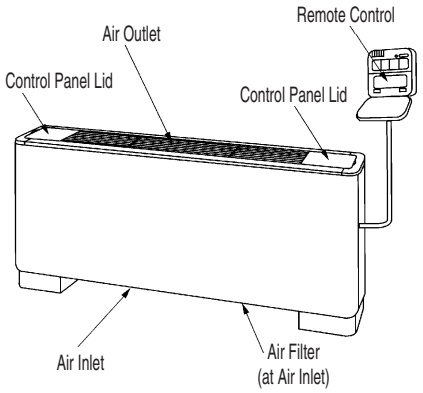
S-63RM3HPS 4D034538



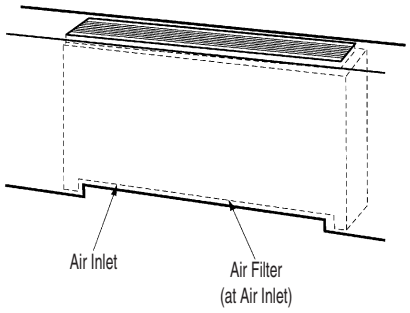
10. Installation

10.1 Installation Example

S-PM3HPS



S-RM3HPS



3P086153

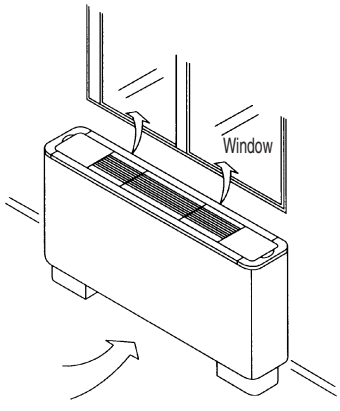
10.2 Service Space

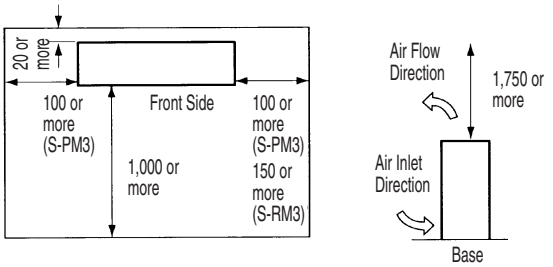
Select an Installation Site

- Where the following conditions are satisfied and that meets with your customer's approval.
- Where the floor is strong enough to bear the indoor unit weight.
- Where the floor is not significantly inclined.
- Where nothing blocks the air passage.
- Where condensation can be properly drained.
- Where sufficient clearance for installation and maintenance can be ensured.
- Where there is no possibility of flammable gas leakage.
- Where optimum air distribution can be ensured.
- Where piping between indoor and outdoor units is possible within the allowable limit (Refer to the installation manual of the outdoor unit.)
- Keep the indoor and outdoor units, power cable and transmission wiring, at least 1 m from TVs and radios, to prevent distorted pictures and static. (Depending on the type and source of the electrical waves, static may be heard even when more than 1 m away.)

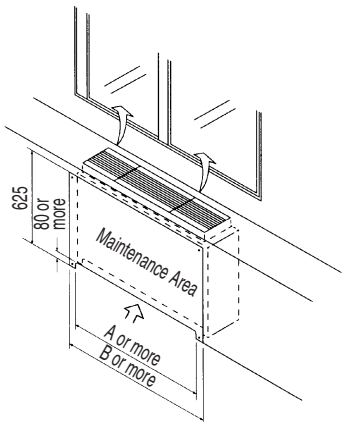
13

S-PM3HPS





S-RM3HPS



Model	A	B
S-20,25PM3/RM3	570	1,030
S-32,40PM3/RM3	710	1,170
S-50,63PM3/RM3	990	1,450

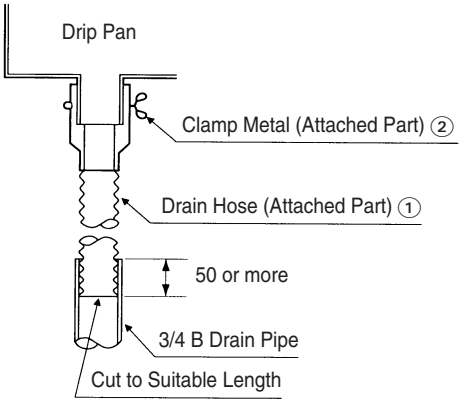
Note:

1. Leave sufficient clearance for air inlet and maintenance.

3P086154-1-4

10.3 Drain Piping

- Rig the drain pipe and take measures against condensation. Improperly rigged piping could lead to leaks and eventually wet furniture and belongings.
  1. Connect the drain hose ① using the attached hose and parts, as shown in the right drawing.
  2. After piping work is finished, check drainage flows smoothly.
  3. Be sure to insulate all indoor pipes.



CZ-HR1HS
HR Box

1. Specifications 578
   1.1 Technical Specifications 578
   1.2 Electrical Specifications 578
   1.3 Safety Device Settings 578
2. Accessories 578
3. Dimensions 579
   3.1 Dimensional Drawings 579
   3.2 Centre of Gravity 580
4. Piping Diagram 581
5. Wiring Diagram 582

1. Specifications

1.1 Technical Specifications

CZ-HR1HS				100	160	250
Total Indoor Unit Capacity				*4		
Nominal Input	Cooling		W	21	21	21
	Heating		W	21	21	21
Dimensions			mm	185x310x280		
Weight			kg	9	9	10
Casing				Galvanized Steel Plate		
Piping Connections	Indoor Unit	Liquid	mm	9.5 (Flare) *1	9.5 (Flare)	9.5 (Flare)
		Gas	mm	15.9 (Flare) *1	15.9 (Flare)	22.2 (Flange) *2
	Outdoor Unit	Liquid	mm	9.5 (Flare) *1	9.5 (Flare)	9.5 (Flare)
		Suction Gas	mm	15.9 (Flare) *1	15.9 (Flare)	22.2 (Flange) *2
		Discharge Gas	mm	12.7 (Flare) *1	12.7 (Flare)	19.1 (Brazing) *3
Sound Absorbing Thermal Insulation Material				Flame and Heat Resistant Foamed Polyethylene		

4D042118/19/20

Notes:

1. If the total capacity of all indoor units connected to the system is less than 7,1kW, connect the attached pipe to the field pipe. (Braze the connection between the attached pipe and the field pipe)
2. Use the field flanged pipe. Also with a 200 class indoor unit, connect the attached reducer to the field pipe. (Braze the connection between the attached pipe and field pipe)
3. Use the attached pipe
4. Information was not available at the time of publication

1.2 Electrical Specifications

CZ-HR1HS			100	160	250
Current	Minimum Circuit Amps (MCA)	A	0.2		
	Maximum Fuse Amps (MFA)	A	15		
Power Supply		V1	1~, 50Hz, 220-240V		
Voltage Range	Min ~ Max		198 ~ 264		

4D042568

Notes:

1. Voltage range: units are suitable for use on electrical systems where voltage supplied to units terminals is not below or above listed range limits.
2. Maximum allowable voltage unbalance between phases is 2 %
3. MCA / MFA:
   MCA = 1.25 x FLA
   MFA ≤ 4 x FLA
   (Next lower standard fuse rating. Min. 15A)
4. Select wire size based on the MCA
5. Instead of fuse, use circuit breaker

1.3 Safety Device Settings

CZ-HR1HS	100	160	250
PC Board Fuse	250V, 5A		

4D042569

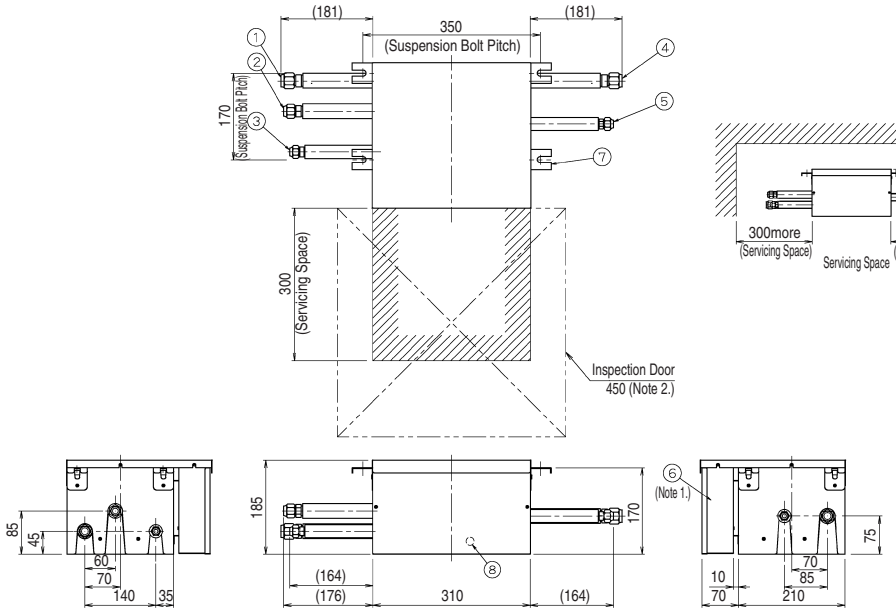
2. Accessories

CZ-HR1HS	100	160	250
Cool/Heat Selector	CZ-01RD11P		
Fixing Box	KJB111A		

3. Dimensions

3.1 Dimensional Drawings

CZ-100HR1HS
CZ-160HR1HS



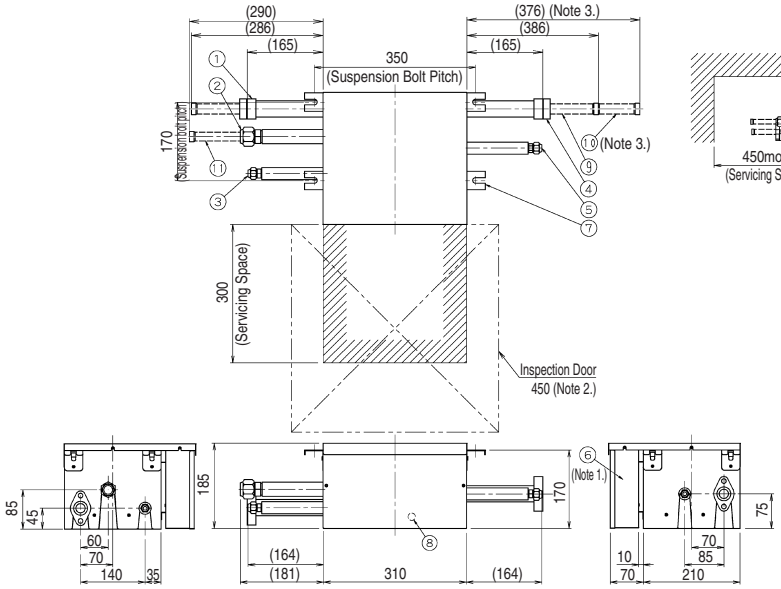
Nr	Part Name	Description
1	Suction Gas Pipe Connection Port	ø 15.9 Flare Connection
2	Discharge Gas Pipe Connection Port	ø 12.7 Flare Connection
3	Liquid Pipe Connection Port	ø 9.5 Flare Connection
4	Gas Pipe Connection Port	ø 15.9 Flare Connection
5	Liquid Pipe Connection Port	ø 9.5Flare Connection
6	Electric Box (Note 1.)	
7	Suspension Brackets	
8	Grounding Terminal	M4

Notes:

1. Electric box can also be fixed on the other side of the unit.
2. Be sure to install an inspection door at electric box side.
3. Location of unit's name plate: right side of electric box

3D042464

CZ-250HR1HS



Nr	Part Name	Description
1	Suction Gas Pipe Connection Port	ø 22.2 Flange Connection
2	Discharge Gas Pipe Connection Port	ø 19.1 Flare Connection
3	Liquid Pipe Connection Port	ø 9.5 Flare Connection
4	Gas pipe Connection Port	ø 22.2 Flange Connection
5	Liquid Pipe Connection Port	ø 9.5 Flare Connection
6	Electric Box (Note 1)	
7	Suspension Brackets	
8	Grounding Terminal	M 4
9	Attached Pipe (1)	ø 22.2 Brazing Connection
10	Attached Pipe (2) (Note 3)	ø 19.1 Brazing Connection
11	Attached Pipe (3)	ø 19.1 Brazing Connection

Notes:

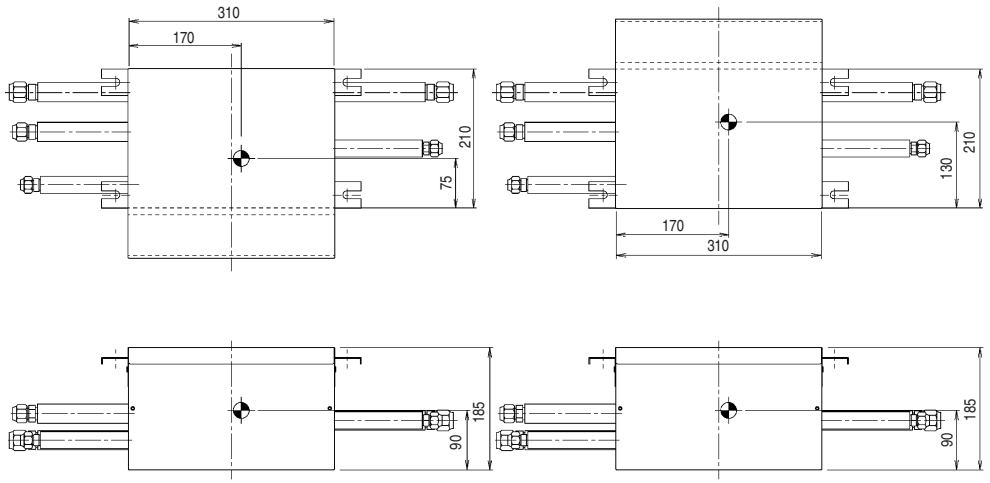
1 Electric box can also be fixed on the other side of the unit.
2 Be sure to install an inspection door at electric box side.
3 Attached pipe (2) is only used in case of connecting with indoor unit 200 type.
4 Location of unit's name plate: right side of electric box.

3D042465

14

3.2 Centre of Gravity

CZ-100HR1HS
CZ-160HR1HS

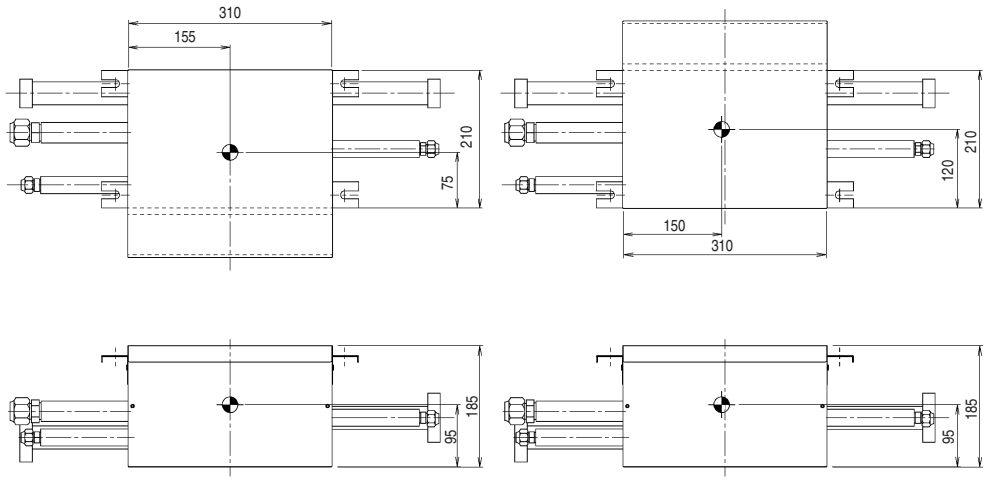


In case the electric box is mounted on the standard side of the unit

In case the electric box is mounted on the other side of the unit

4D042509

CZ-250HR1HS



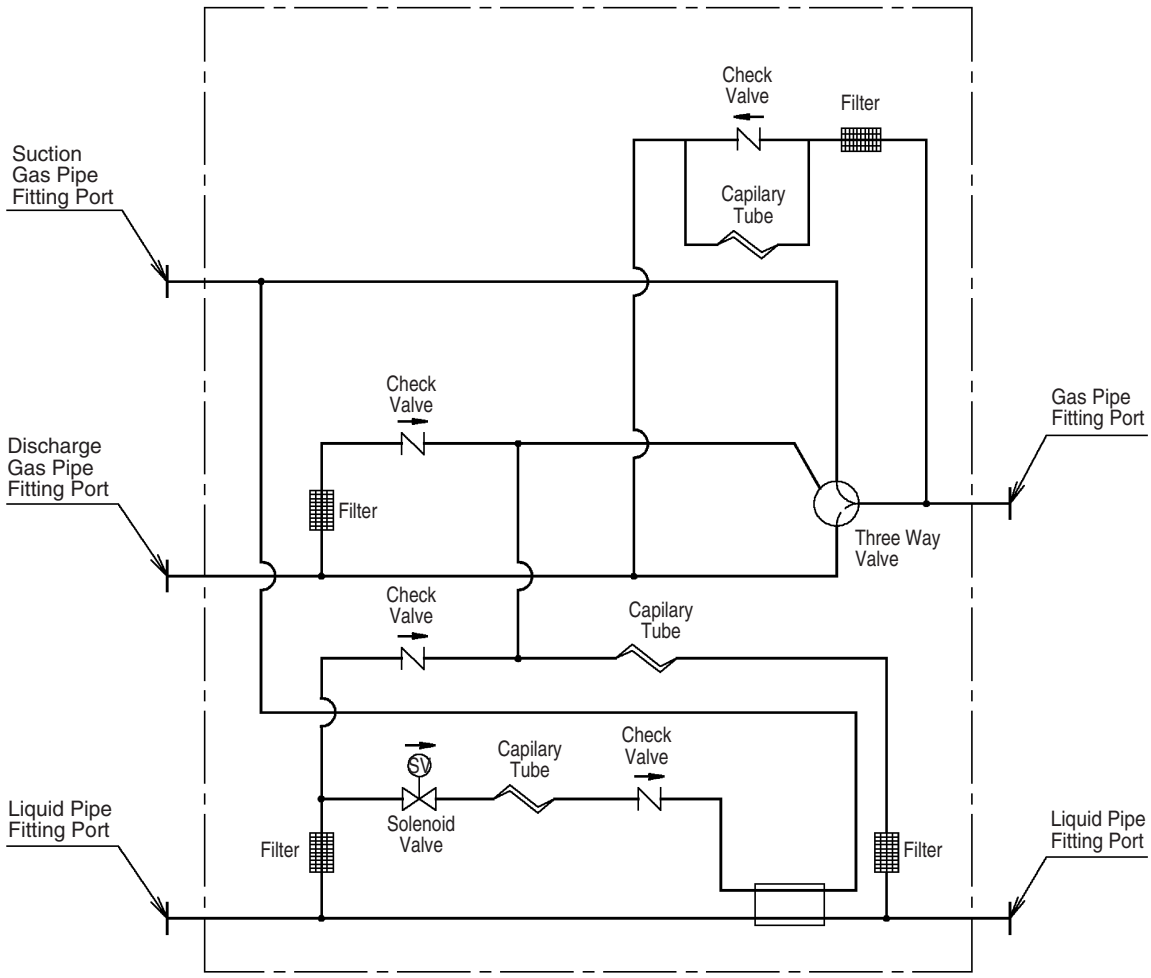
In case the electric box is mounted on the standard side of the unit

In case the electric box is mounted on the other side of the unit

4D042511

4. Piping Diagram

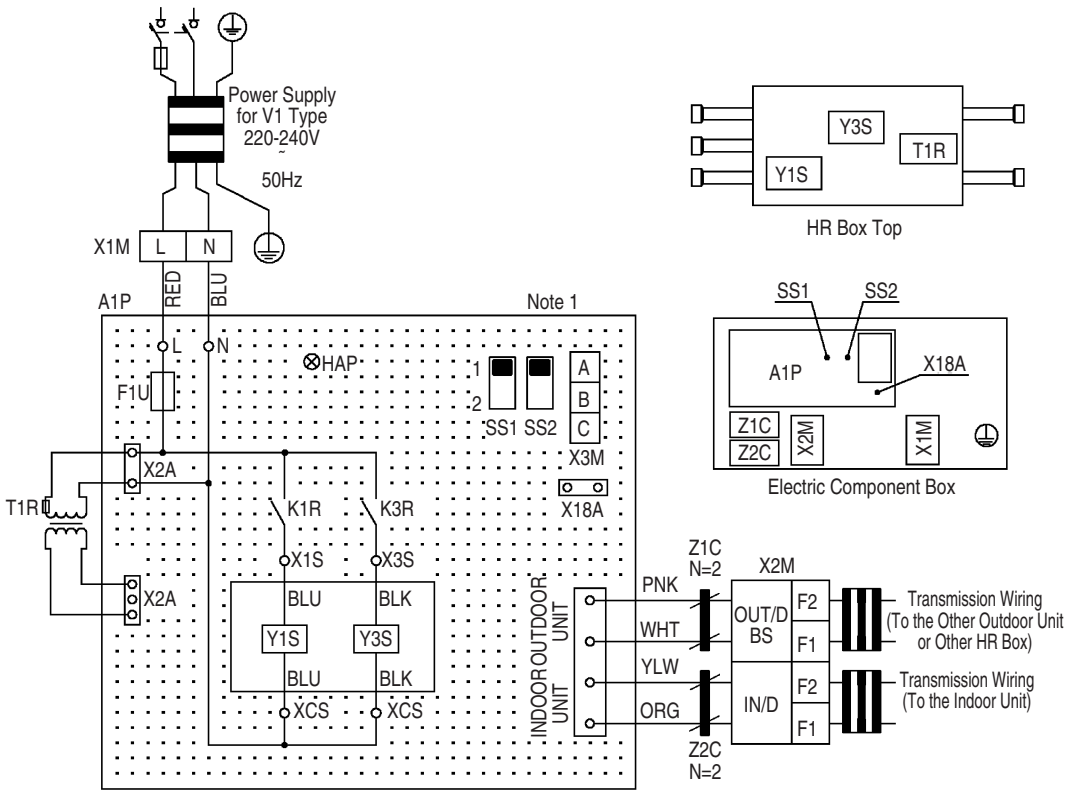
CZ-HR1HS



4D042115

5. Wiring Diagram

CZ-HR1HS



L-RED	N-BLUE				
A1P	Printed Circuit Board	T1R	Transformer (220-240V/20V)	Y3S	4 Way Valve (Discharge Line)
F1U	Fuse ((B), 250V, 5A,)	X1M	Terminal Strip (Power)	Connector for Optional Parts	
HAP	Light Emitting Diode (Service Monitor-Green)	X2M	Terminal Strip (Control)	X18A	Connector (Wiring External Control Adaptor for Outdoor Unit)
K1R, 3R	Magnetic Relay	X3M	Terminal Strip (C/H Selector)		
SS1, 2	Selector Switch (Selection of Remote Controller)	Y1S	Solenoid Valve (Liquid Line)	Z1C, 2c	Noise Filter (Ferrite Core)

: Field wiring
: Connector
: Wire Clamp
: Terminal

COLORS : BLK : Black ORG : Orange
BLU : Blue RED : Red
PNK : Pink WHT : White
YLW : Yellow

Notes:

1. When using the cool/heat selector (optional accessory), connect it to terminals A, band C on X3M (A1P).
   In the case, set the selector switch SS1 & SS2 on the A1P according to below drawing.



2. As for wiring to the IN/D F1&F2 and OUT/D, BS F1&F2 on X2M, refer to installation manual.
3. This wiring diagram applies to the HR Box only.
4. Use copper conductors only.

3D039903

Part 4
Control System

Individual Control System. 585

Centralized Control System 607

Optional Adapters 623

Individual Control System

1. Possible Individual Control Systems 586
1.1 Survey 588
2. CZ-02RE11P - Simplified Remote Control 589
2.1 Explanation of Buttons and Functions 589
3. CZ-03RE11P - Simplified Remote Control for Hotel Applications 590
3.1 Dimensional Drawing 590
3.2 Explanation of Buttons and Functions 591
4. CZ-02RT11P - Wired Remote Control 592
4.1 Dimensional Drawing 592
4.2 Explanation of Buttons and Functions 593
5. CZ-02RWD12P, CZ-02RWF12P - Infrared Remote Control 595
5.1 Dimensional Drawing 595
5.2 Explanation of Buttons and Functions 596
6. CZ-01RWL12P - Infrared Remote Control 597
6.1 Dimensional Drawing 597
6.2 Explanation of Buttons and Functions 598
7. CZ-01RWU12P - Infrared Remote Control 599
7.1 Dimensional Drawing 599
7.2 Explanation of Buttons and Functions 600
8. CZ-10RWY12P - Infrared Remote Control 601
8.1 Dimensional Drawing 601
9. CZ-01RWT12P - Infrared Remote Control 602
9.1 Dimensional Drawing 602
9.2 Explanation of Buttons and Functions 603
10. CZ-01RWK22P - Infrared Remote Control 604
10.1 Dimensional Drawing 604
11. Survey of Various Control Systems 605

15

1. Possible Individual Control Systems



Simplified remote control - CZ-02RE11P

- simple, compact and easy to operate unit
- suitable for use in hotel bedrooms

Operation buttons:

- ON / OFF
- Operation mode selection
- Fan speed control
- Temperature setting

Display

- Cool / heat changeover control
- Set temperature
- Operating mode
- Centralized control indication
- Fan speed
- Defrost / hot start
- Malfunction adjustment
- Operating mode selection
- Fan speed control
- Filter sign reset
- Inspection test / operation



Simplified remote control for hotel applications - CZ-03RE11P

- compact, user friendly unit
- ideal for use in hotel bedrooms

Operation buttons:

- ON / OFF
- Fan speed control
- Temperature setting

Display

- Set temperature
- Operating mode
- Centralized control indication
- Fan speed
- Defrost / hot start
- Malfunction



Infrared remote control - CZ-01RW★ / CZ-02RW★

Operation buttons:

- ON / OFF
- Timer mode start / stop
- Timer mode on / off
- Programmed time
- Temperature setting
- Air flow direction (S-TM3, S-UM3, S-LM3 and S-KM3 models only)
- Operating mode
- Fan speed control
- Filter sign reset
- Inspection test / operation

Display

- Operating mode
- Battery change
- Set temperature
- Air flow direction (S-TM3, S-UM3, S-LM3 and S-KM3 models only)
- Programmed time
- Inspection test / operation
- Fan speed



CZ-02RT11P

Wired remote control - CZ-02RT11P

- Limit operation (min./max.): room temperature is controlled within adjustable upper and lower limits. Limit operation can be activated manually or by schedule timer
- Real time clock: indicates real time and day
- Schedule timer:
  - -- It is possible to programme a weekly schedule timer
  - -- It is possible to programme the remote control for each day of the week. Five day actions can be set as follows:
  - -- set point: unit is switched ON and normal operation is maintained
  - -- OFF: unit is switched OFF
  - -- limits: unit is switched ON and min./max. control (cf.limit operation for more details)
- Home leave (frost protection): during absence, the indoor temperature can be maintained at a certain level. This function can also switch the unit ON/OFF
- Different levels of disabled buttons can be selected as follows:
  - -- level 1: all buttons are accessible
  - -- level 2: all buttons are disabled except for:
    - -- ON/OFF
    - -- set temperature up/down
    - -- fan speed
    - -- cooling/heating mode
    - -- enable/disable schedule timer
    - -- air flow direction adjustment button
  - -- Level 3: all buttons are disabled except for:
    - -- ON/OFF
    - -- set temperature up/down
    - -- fan speed
- Constantly monitoring of the system for malfunctions in a total of 80 components
- Immediate display of fault location and condition
- Reduction of maintenance time and costs

Operation buttons:

- ON / OFF
- Timer mode start / stop
- Timer on / off
- Programmed time
- Temperature setting
- Air flow direction adjustment
- Operating mode selection
- Fan speed control
- Filter sign reset
- Inspection test / operation

Display

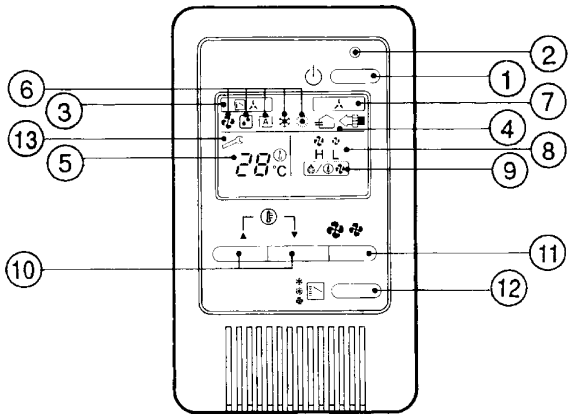
- Operating mode
- Cool / heat changeover control
- Centralized control indication
- Group control indication
- Set temperature
- Air flow direction
- Programmed time
- Inspection test / operation
- Fan speed
- Clean air filter
- Defrost / hot start
- Malfunction

1.1 Survey

Description		S-YM3	S-UM3	S-LM3	S-DM3	S-FM3	S-NM3	S-EM3	S-TM3	S-KM3	S-PM3	S-RM3
Wired Remote Control		CZ-02RT11P										
Infrared Remote Control	Heat Pump	CZ-10RWY12P	CZ-01RWU12P	CZ-01RWL12P	CZ-02RWD12P	CZ-02RWF12P	CZ-02RWF12P	CZ-02RWF12P	CZ-01RWT12P	CZ-01RWK22P	CZ-02RWF12P	CZ-02RWF12P
Simplified Remote Control		-	-	-	-	CZ-02RE11P	CZ-02RE11P	CZ-02RE11P	-	-	CZ-02RE11P	CZ-02RE11P
Simplified Remote Control for Hotel Use		-	-	-	-	CZ-03RE11P	CZ-03RE11P	CZ-03RE11P	-	-	CZ-03RE11P	CZ-03RE11P

2. CZ-02RE11P - Simplified Remote Control

2.1 Explanation of Buttons and Functions



1	**ON/OFF BUTTON** Press the button and the system will start. Press the button again and the system will stop.	8	**DISPLAY ' ' (FAN SPEED)** The display shows the fan speed: "HIGH" or "LOW".
2	**OPERATION LAMP (RED)** The lamp lights up during operation and blinks in case of stop due to malfunction.	9	**DISPLAY ' ' (DEFROST/HOT START)** Indicates that defrost or hot start (during which the fan is stopped till the temperature of air supply rises enough at the start of a heating run) is in progress.
3	**DISPLAY ' ' (CHANGEOVER UNDER CONTROL)** It is impossible to changeover heat/cool with the remote controller when it shows this display. (As for details, see "SETTINGS OF MASTER REMOTE CONTROL" in the operation manual attached to the indoor unit.).	10	**TEMPERATURE SETTING BUTTON** Use this button for SETTING TEMPERATURE of the thermostat. ▲; Each press raises the set temperature by 1°C. ▼; Each press lowers the set temperature by 1°C. The variable temperature range is 16°C tot 32°C.
4	**DISPLAY " ", " ", "OPTION" (VENTILATION / AIR CLEANING)** This display shows that the total heat exchange unit and the air cleaning unit are in operation. (These are optional accessories.).		
5	**DISPLAY ' ' (SET TEMPERATURE)** This display shows the set temperature. Only given during a cooling or heating operation.	11	**FAN SPEED CONTROL BUTTON** Press this button to select the fan speed, HIGH or LOW, of your choice.
6	**DISPLAY ' ' (OPERATION MODE)** This display shows the current OPERATION MODE. ' ' is not available with outdoor units specially designed for cooling only. ' ' is reserved only for outdoor units capable of heat recovery.	12	**OPERATION MODE SELECTOR BUTTON** Press this button to select OPERATION MODE.
7	**DISPLAY ' ' (UNDER CENTRALIZED CONTROL)** When this display shows, the system is UNDER CENTRALIZED CONTROL. (This is not a standard specification)	13	**DISPLAY ' ' (MALFUNCTION)** Indicates malfunction and blinks if the unit stops operating due to the malfunction. (As for details, see "TROUBLE SHOOTING" in the operation manual attached to the indoor unit.)

Note:

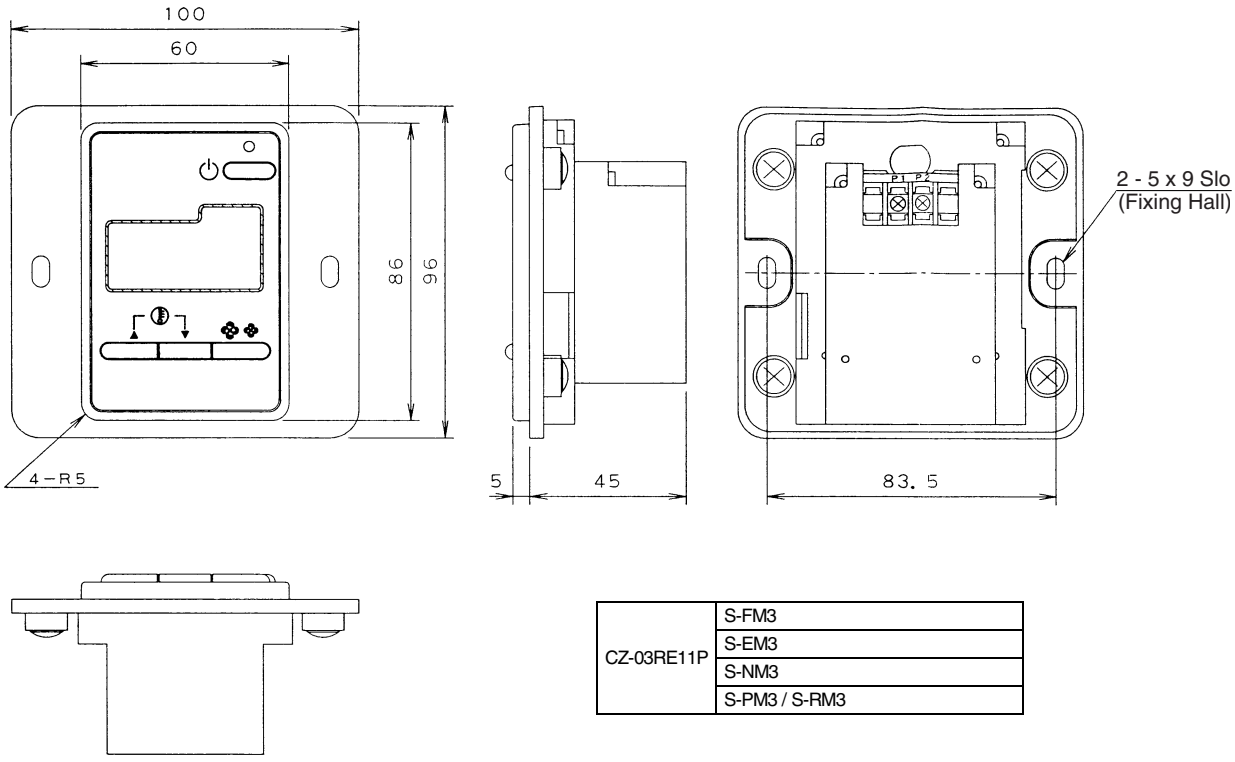
1. Please note that the display shows all indications for the purpose of explanation only. This is contrary to actual running situations.

15

3. CZ-03RE11P - Simplified Remote Control for Hotel Applications

3.1 Dimensional Drawing

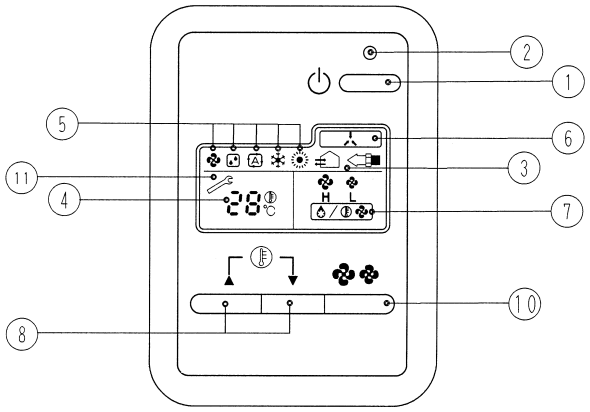
(Unit: mm)



CZ-03RE11P	S-FM3
	S-EM3
	S-NM3
	S-PM3 / S-RM3

3D013859A

3.2 Explanation of Buttons and Functions



1	**ON/OFF BUTTON** Press the button and the system will start. Press the button again and the system will stop.	7	**DISPLAY ' ' (FAN SPEED)** The display shows the set fan speed: 'HIGH' or 'LOW'.
2	**OPERATION LAMP (RED)** The lamp lights up during operation or blinks if a malfunction occurs.	8	**DISPLAY ' ' (DEFROST/HOT START)** Indicates that defrost or hot start (during which the fan is stopped till the temperature of air supply rises enough at the start of a heating run) is in progress.
3	**DISPLAY " ", " " (VENTILATION / AIR CLEANING)** This display shows that the total heat exchange unit is in operation. (These is an optional accessory).	9	**TEMPERATURE SETTING BUTTON** Use this button for SETTING TEMPERATURE of the thermostat. ▲; Each press raises the set temperature by 1°C. ▼; Each press lowers the set temperature by 1°C. The variable temperature range is 16°C tot 32°C.
4	**DISPLAY ' ' (SET TEMPERATURE)** This display shows the set temperature. Only given during a cooling or heating operation.		
5	**DISPLAY ' ' ' ' ' ' ' ' ' ' (OPERATION MODE)** This display shows the current OPERATION MODE. ' ' is not available with outdoor units specially designed for cooling only. ' ' is reserved only for heat recovery outdoor units.	10	**FAN SPEED CONTROL BUTTON** Press this button to select the fan speed, HIGH or LOW, of your choice.
6	**DISPLAY ' ' (UNDER CENTRALIZED CONTROL)** When this display shows, the system is UNDER CENTRALIZED CONTROL. (This is not a standard specification)	11	**DISPLAY ' ' (MALFUNCTION)** Indicates malfunction and blinks if the unit stops operating due to the malfunction. (As for details, see "TROUBLE SHOOTING" in the operation manual attached to the indoor unit.)

Notes:

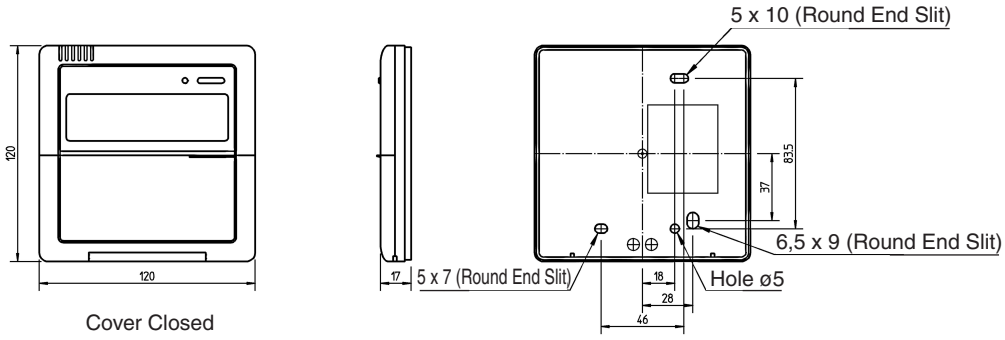
1. Please note that the display shows all indications for the purpose of explanation only.
   This is contrary to actual running situations.
2. This remote controller does not have "AIR FLOW DIRECTION ADJUST BUTTON." Don't operate the flap adjusting air flow direction by your hand.
   (S-UM3, S-LM3, S-KM3, S-DM3)

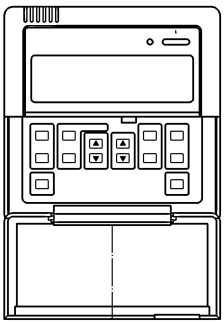
15

4. CZ-02RT11P - Wired Remote Control

4.1 Dimensional Drawing

(Unit: mm)

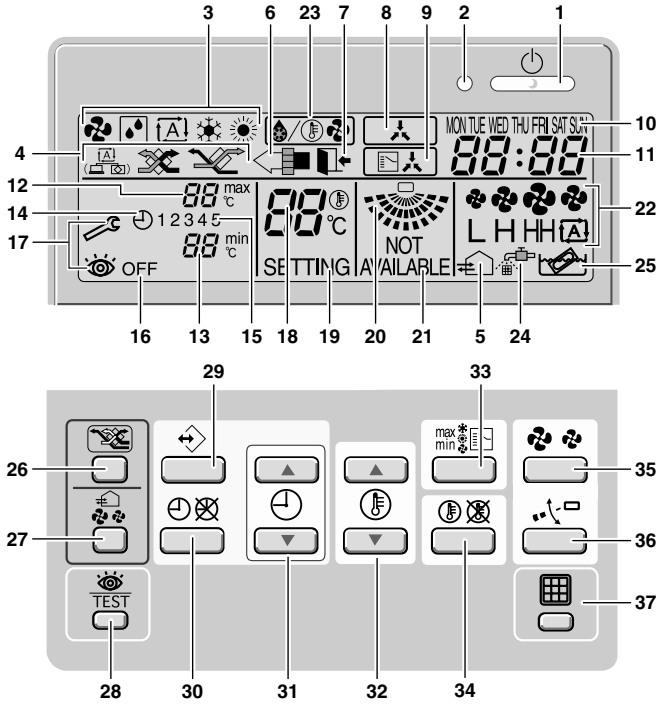




Cover Closed

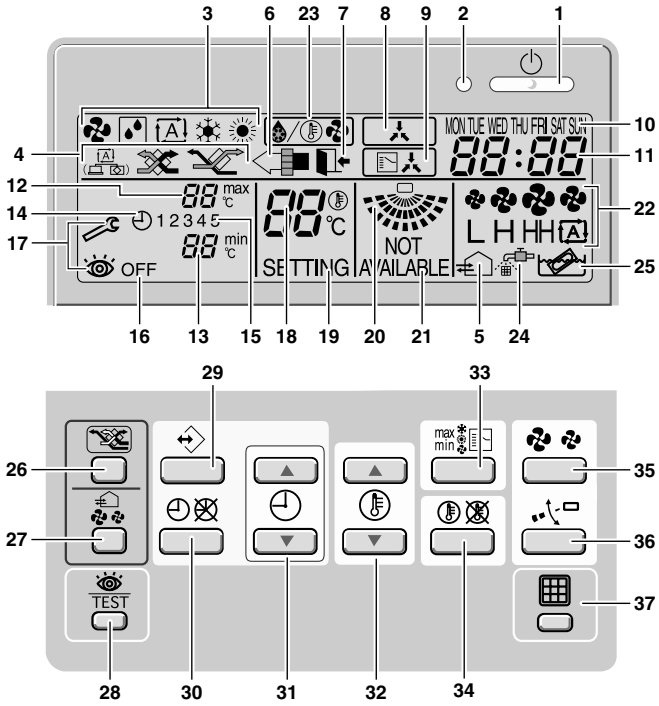
3TW23651-2

4.2 Explanation of Buttons and Functions



1	**ON/OFF BUTTON** ‘ ’ Press the ON/OFF button to start or stop the system.	10	**DAY OF THE WEEK INDICATOR** ‘MON TUE WED THU FRI SAT SUN’ The day of the week indicator shows the current week day (or the set day when reading or programming the schedule timer).
2	**OPERATION LAMP** ‘○’ The operation lamp lights up during operation or blinks if a malfunction occurs.	11	**CLOCK DISPLAY** ‘88:88’ The clock display indicates the current time (or the action time when reading or programming the schedule timer).
3	**OPERATION MODE ICON** ‘ ’ ‘ ’ ‘ ’ ‘ ’ ‘ ’ These icons indicate the current operation mode (FAN, DRY, AUTOMATIC, COOLING, HEATING).	12	**MAXIMUM SET TEMPERATURE** ‘88max’ The maximum set temperature indicates the maximum set temperature when in limit operation.
4	**VENTILATION MODE ICON** ‘ ’, ‘ ’, ‘ ’ These icons indicate the current ventilation mode (AUTOMATIC, HEAT EXCHANGE, BYPASS).	13	**MNIIMUM SET TEMPERATURE** ‘88min’ The minimum set temperature indicates the minimum set temperature when in limit operation.
5	**VENTILATION ICON**‘ ’ Simultaneously, the ventilation amount is indicated by the fan speed icon.	14	**SCHEDULE TIMER ICON** ‘ ’ This icon indicates that the schedule timer is enabled.
6	**AIR CLEANING ICON** ‘ ’ This icon indicates that the air cleaning unit (option) is operational.	15	**ACTION ICONS** ‘12345’ These icons indicate the actions for each day of the schedule timer.
7	**LEAVE HOME ICON**‘ ’ The leave home icon shows the status of the leave home function. ON – Leave home is enabled FLASHING – Leave home is active OFF – Leave home is disabled	16	**OFF ICON** ‘OFF’ This icon indicates that the OFF action is selected when programming the schedule timer.
		17	**INSPECTION REQUIRED** ‘ ’ **and** ‘ ’ These icons indicate that inspection is required. Consult your installer.
8	**EXTERNAL CONTROL ICON** ‘ ’ This icon indicates that another controller with higher priority is controlling or disabling your installation.	18	**SET TEMPERATURE DISPLAY** ‘27°C’ This indicates the current set temperature of the installation (not shown in LIMIT operation or in FAN or DRY mode).
9	**CHANGE-OVER UNDER CENTRALIZED CONTROL ICON** ‘ ’ This icon indicates that the change-over of the installation is under centralized control assigned to another indoor unit or optional cool/heat selector connected to the outdoor unit (= master remote controller).	19	**SETTING** ‘SETTING’ Not used, for service purposes only.
		20	**AIR FLOW DIRECTION ICON** ‘ ’ This icon indicates the air flow direction (only for installations with motorised air flow flaps).

15

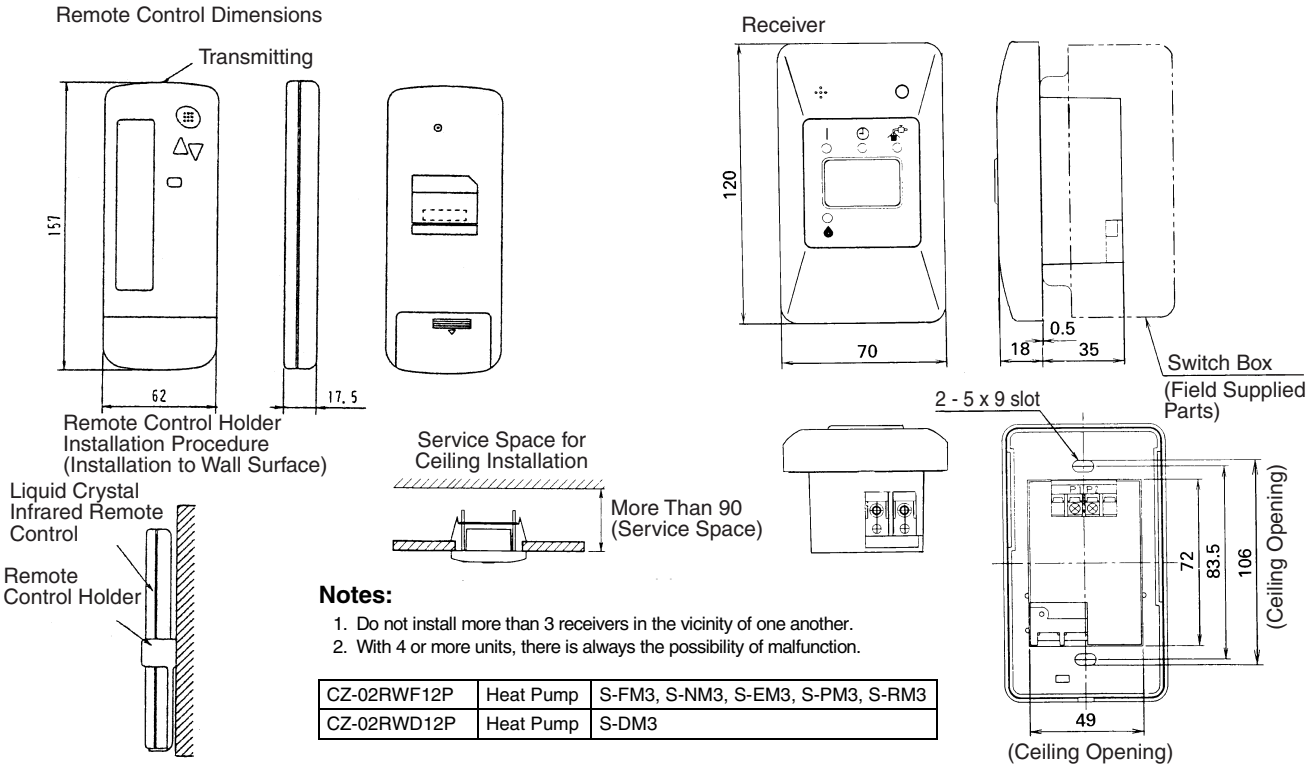


21	**NOT AVAILABLE ‘ NOT AVAILABLE ’** This is displayed whenever a non-installed option is addressed or a function is not available.	30	**SCHEDULE TIMER BUTTON‘ ’** This button enables or disables the schedule timer.
22	**FAN SPEED ICON ‘ L H HH A ’** This icon indicates the set fan speed.	31	**TIME ADJUST BUTTON ‘ ’** These buttons are used to adjust the clock or, when in programming mode, to adjust the programmed action time. Both buttons have an auto-repeat function.
23	**DEFROST/HOTSTART MODE ICON ‘ ’** This icon indicates that the defrost/hotstart mode is active.	32	**TEMPERATURE ADJUST BUTTON ‘ ’** These buttons are used to adjust the current setpoint or, when in programming mode, to adjust the programmed setpoint temperature (step = 1°C). Both buttons are also used to adjust the day of the week.
24	**AIR FILTER CLEANING TIME ICON ‘ ’** This icon indicates the air filter must be cleaned. Refer to the manual of the indoor unit.	33	**OPERATION CHANGE/MIN-MAX BUTTON ‘ ’** This button is a multi-purpose button. Depending on the previous manipulations of the user, it can have following functions: 1 select the operation mode of the installation (FAN, DRY, AUTOMATIC, COOLING, HEATING) 2 toggle between minimum temperature and maximum temperature when in limit operation
25	**ELEMENT CLEANING TIME ICON ‘ ’** This icon indicates the element must be cleaned.		
26	**VENTILATION MODE BUTTON ‘ ’** The ventilation mode button.	34	**SETPOINT/LIMIT BUTTON ‘ ’** This button toggles between setpoint, limit operation or ‘ OFF ’ (programming mode only).
27	**VENTILATION AMOUNT BUTTON ‘ ’** This button sets the ventilation amount.	35	**FAN SPEED BUTTON ‘ ’** This button toggles between L (Low), H (High), HH (very High), A (Automatic).
28	**INSPECTION/TEST OPERATION BUTTON ‘ TEST ’** Not used, for service purposes only.	36	**AIR FLOW DIRECTION ADJUST BUTTON ‘ ’** This button enables to adjust the air flow direction.
29	**PROGRAMMING BUTTON‘ ’** This button is a multi-purpose button. Depending on the previous manipulations of the user, the programming button can have various functions.	37	**AIR FILTER CLEANING TIME ICON RESET BUTTON ‘ ’** This button is used to reset the air filter cleaning time icon.

5. CZ-02RWD12P, CZ-02RWF12P - Infrared Remote Control

5.1 Dimensional Drawing

(Unit: mm)



Notes:

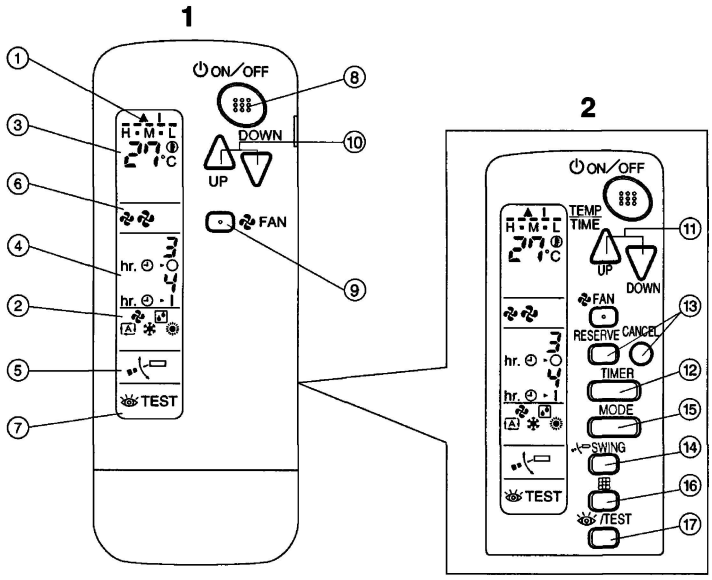
1. Do not install more than 3 receivers in the vicinity of one another.
2. With 4 or more units, there is always the possibility of malfunction.

CZ-02RWF12P	Heat Pump	S-FM3, S-NM3, S-EM3, S-PM3, S-RM3
CZ-02RWD12P	Heat Pump	S-DM3

3D007898

15

5.2 Explanation of Buttons and Functions



1	**DISPLAY '▲' (SIGNAL TRANSMISSION)** This lights up when a signal is being transmitted.	13	**TIMER RESERVE/CANCEL BUTTON**
		14	**AIR FLOW DIRECTION ADJUST BUTTON** (CZ-02RWD12P only)
2	**DISPLAY '' '' '' '' '' (OPERATION MODE)** This display shows the current OPERATION MODE. For cooling only type, '' (Auto) and '' (Heating) are not installed.	15	**OPERATION MODE SELECTOR BUTTON** Press this button to select OPERATION MODE.
		16	**FILTER SIGN RESET BUTTON**
3	**DISPLAY '' (SET TEMPERATURE)** This display shows the set temperature.	17	**INSPECTION/TEST OPERATION BUTTON** This button is used only by qualified service persons for maintenance purposes.
4	**DISPLAY '' (PROGRAMMED TIME)** This display shows PROGRAMMED TIME of the system start or stop.	18	**EMERGENCY OPERATION SWITCH** This switch is readily used if the remote control does not work.
5	**DISPLAY '' (AIR FLOW FLAP)** (CZ-02RWD12P only)	19	**RECEIVER** This receives the signals from the remote control.
6	**DISPLAY '' '' (FAN SPEED)** The display shows the set fan speed.	20	**OPERATING INDICATOR LAMP (RED)** This lamp stays lit while the air conditioner runs. It flashes when the unit is in trouble.
7	**DISPLAY '' (INSPECTION/TEST OPERATION)** When the INSPECTION/TEST OPERATION BUTTON is pressed, the display shows the system mode is in.	21	**TIMER INDICATOR LAMP (GREEN)** This lamp stays lit while the timer is set.
8	**ON/OFF BUTTON** Press the button and the system will start. Press the button again and the system will stop.	22	**AIR FILTER CLEANING TIME INDICATOR LAMP (RED)** Lights up when it is time to clean the air filter.
9	**FAN SPEED CONTROL BUTTON** Press this button to select the fan speed, HIGH or LOW, of your choice.	23	**DEFROST LAMP (ORANGE)** Lights up when the defrosting operation has started. (For straight cooling type this lamp does not turn on.)
10	**TEMPERATURE SETTING BUTTON** Use this button for SETTING TEMPERATURE. (Operates with the front cover of the remote control closed.)	24	**FAN/AIR CONDITIONING SELECTOR SWITCH** Set the switch to "" (FAN) for FAN and "" (A/C) for HEAT or COOL.
11	**PROGRAMMING TIME BUTTON** Use this button for programming "START and/or STOP" time. (Operates with the front cover of the remote control closed.)	25	**COOL/HEAT CHANGEOVER SWITCH** Set the switch to "" (COOL) for COOL and "" (HEAT) for HEAT.
12	**TIMER MODE START/STOP BUTTON**		

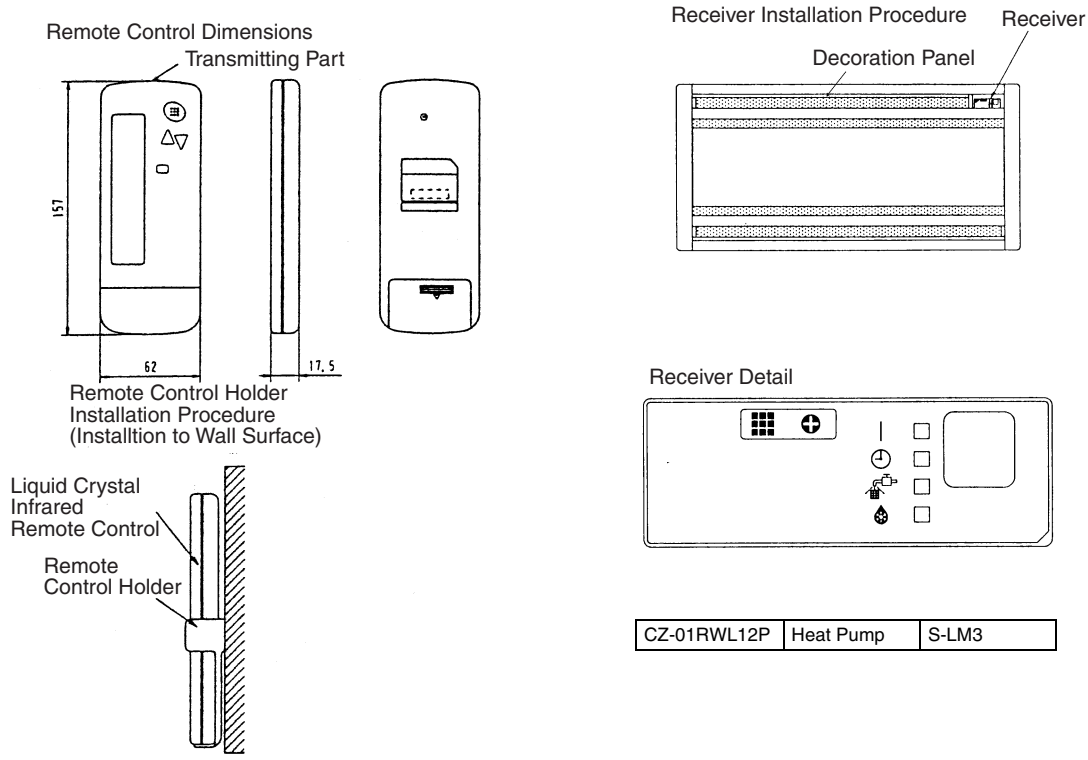
Notes:

1. Please note that the display shows all indications for the purpose of explanation only. This is contrary to actual running situations.
2. Figure 2 shows the remote control with the front cover opened.

6. CZ-01RWL12P - Infrared Remote Control

6.1 Dimensional Drawing

(Unit: mm)

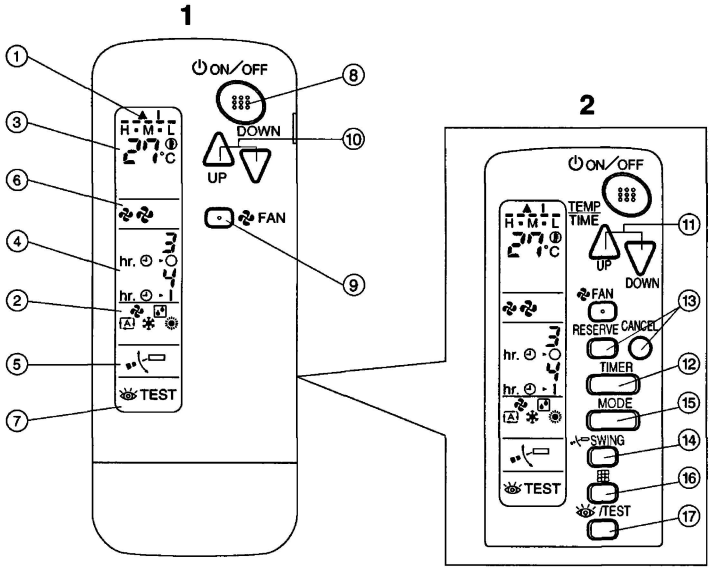


CZ-01RWL12P	Heat Pump	S-LM3

3D007588A

15

6.2 Explanation of Buttons and Functions



1	**DISPLAY '▲' (SIGNAL TRANSMISSION)**	13	**TIMER RESERVE/CANCEL BUTTON**
	This lights up when a signal is being transmitted.	14	**AIR FLOW DIRECTION ADJUST BUTTON**
2	**DISPLAY '' '' '' '' '' (OPERATION MODE)**	15	**OPERATION MODE SELECTOR BUTTON**
	This display shows the current OPERATION MODE. For cooling only type, '' (Auto) and '' (Heating) are not installed.		Press this button to select OPERATION MODE.
		16	**FILTER SIGN RESET BUTTON**
3	**DISPLAY '' (SET TEMPERATURE)**	17	**INSPECTION/TEST OPERATION BUTTON**
	This display shows the set temperature.		This button is used only by qualified service persons for maintenance purposes.
4	**DISPLAY '' (PROGRAMMED TIME)**	18	**EMERGENCY OPERATION SWITCH**
	This display shows PROGRAMMED TIME of the system start or stop.		This switch is readily used if the remote control does not work.
5	**DISPLAY '' (AIR FLOW FLAP)**	19	**RECEIVER**
6	**DISPLAY '' '' (FAN SPEED)**		This receives the signals from the remote control.
	The display shows the set fan speed.	20	**OPERATING INDICATOR LAMP (RED)**
7	**DISPLAY '' (INSPECTION/TEST OPERATION)**		This lamp stays lit while the air conditioner runs. It flashes when the unit is in trouble.
	When the INSPECTION/TEST OPERATION BUTTON is pressed, the display shows the system mode is in.	21	**TIMER INDICATOR LAMP (GREEN)**
8	**ON/OFF BUTTON**		This lamp stays lit while the timer is set.
	Press the button and the system will start. Press the button again and the system will stop.	22	**AIR FILTER CLEANING TIME INDICATOR LAMP (RED)**
9	**FAN SPEED CONTROL BUTTON**		Lights up when it is time to clean the air filter.
	Press this button to select the fan speed, HIGH or LOW, of your choice.	23	**DEFROST LAMP (ORANGE)**
10	**TEMPERATURE SETTING BUTTON**		Lights up when the defrosting operation has started. (For straight cooling type this lamp does not turn on.)
	Use this button for SETTING TEMPERATURE. (Operates with the front cover of the remote control closed.)	24	**FAN/AIR CONDITIONING SELECTOR SWITCH**
11	**PROGRAMMING TIMER BUTTON**		Set the switch to "" (FAN) for FAN and "Ⓐ" (A/C) for HEAT or COOL.
	Use this button for programming "START and/or STOP" time. (Operates with the front cover of the remote control closed.)	25	**COOL/HEAT CHANGEOVER SWITCH**
12	**TIMER MODE START/STOP BUTTON**		Set the switch to "" (COOL) for COOL and "" (HEAT) for HEAT.

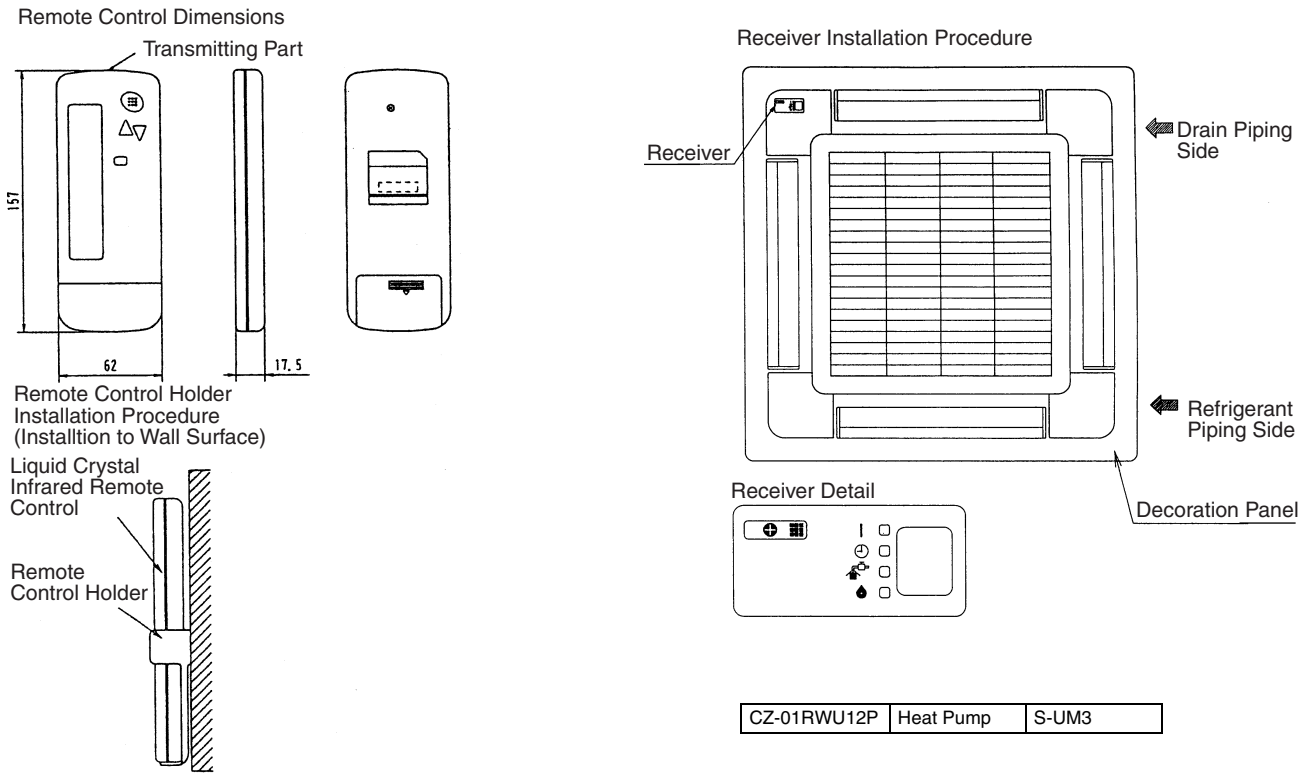
Notes:

1. Please note that the display shows all indications for the purpose of explanation only. This is contrary to actual running situations.
2. Figure 2 shows the remote control with the front cover opened.

7. CZ-01RWU12P - Infrared Remote Control

7.1 Dimensional Drawing

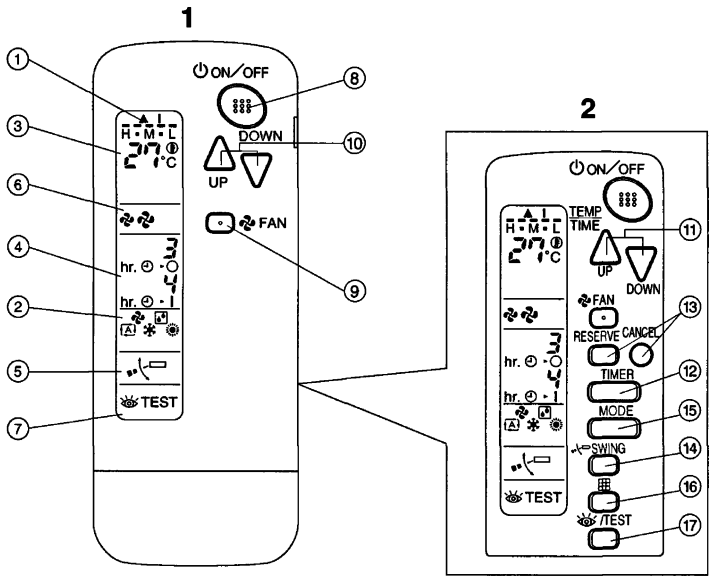
(Unit: mm)



CZ-01RWU12P	Heat Pump	S-UM3

3D005912B

7.2 Explanation of Buttons and Functions



1	**DISPLAY '▲' (SIGNAL TRANSMISSION)**	13	**TIMER RESERVE/CANCEL BUTTON**
	This lights up when a signal is being transmitted.	14	**AIR FLOW DIRECTION ADJUST BUTTON**
2	**DISPLAY '' '' '' '' '' (OPERATION MODE)**	15	**OPERATION MODE SELECTOR BUTTON**
	This display shows the current OPERATION MODE. For cooling only type, '' (Auto) and '' (Heating) are not installed.		Press this button to select OPERATION MODE.
		16	**FILTER SIGN RESET BUTTON**
3	**DISPLAY '' (SET TEMPERATURE)**	17	**INSPECTION/TEST OPERATION BUTTON**
	This display shows the set temperature.		This button is used only by qualified service persons for maintenance purposes.
4	**DISPLAY '' (PROGRAMMED TIME)**	18	**EMERGENCY OPERATION SWITCH**
	This display shows PROGRAMMED TIME of the system start or stop.		This switch is readily used if the remote control does not work.
5	**DISPLAY '' (AIR FLOW FLAP)**	19	**RECEIVER**
6	**DISPLAY '' '' (FAN SPEED)**		This receives the signals from the remote control.
	The display shows the set fan speed.	20	**OPERATING INDICATOR LAMP (RED)**
7	**DISPLAY '' (INSPECTION/TEST OPERATION)**		This lamp stays lit while the air conditioner runs. It flashes when the unit is in trouble.
	When the INSPECTION/TEST OPERATION BUTTON is pressed, the display shows the system mode is in.	21	**TIMER INDICATOR LAMP (GREEN)**
8	**ON/OFF BUTTON**		This lamp stays lit while the timer is set.
	Press the button and the system will start. Press the button again and the system will stop.	22	**AIR FILTER CLEANING TIME INDICATOR LAMP (RED)**
9	**FAN SPEED CONTROL BUTTON**		Lights up when it is time to clean the air filter.
	Press this button to select the fan speed, HIGH or LOW, of your choice.	23	**DEFROST LAMP (ORANGE)**
10	**TEMPERATURE SETTING BUTTON**		Lights up when the defrosting operation has started. (For straight cooling type this lamp does not turn on.)
	Use this button for SETTING TEMPERATURE. (Operates with the front cover of the remote control closed.)	24	**FAN/AIR CONDITIONING SELECTOR SWITCH**
11	**PROGRAMMING TIME BUTTON**		Set the switch to "" (FAN) for FAN and "Ⓐ" (A/C) for HEAT or COOL.
	Use this button for programming "START and/or STOP" time. (Operates with the front cover of the remote control closed.)	25	**COOL/HEAT CHANGEOVER SWITCH**
12	**TIMER MODE START/STOP BUTTON**		Set the switch to "" (COOL) for COOL and "" (HEAT) for HEAT.

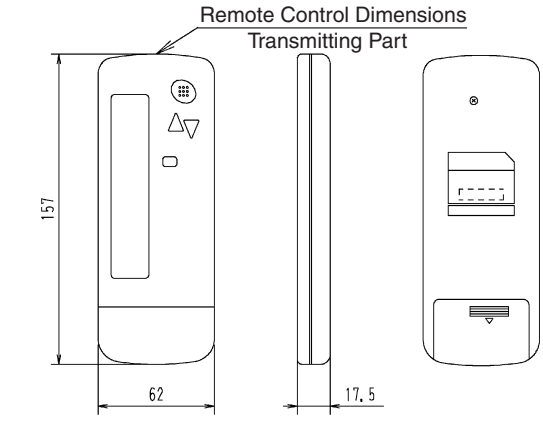
Notes:

1. Please note that the display shows all indications for the purpose of explanation only. This is contrary to actual running situations.
2. Figure 2 shows the remote control with the front cover opened.

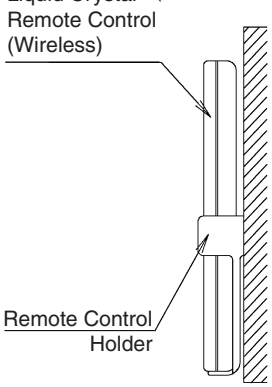
8. CZ-10RWY12P - Infrared Remote Control

8.1 Dimensional Drawing

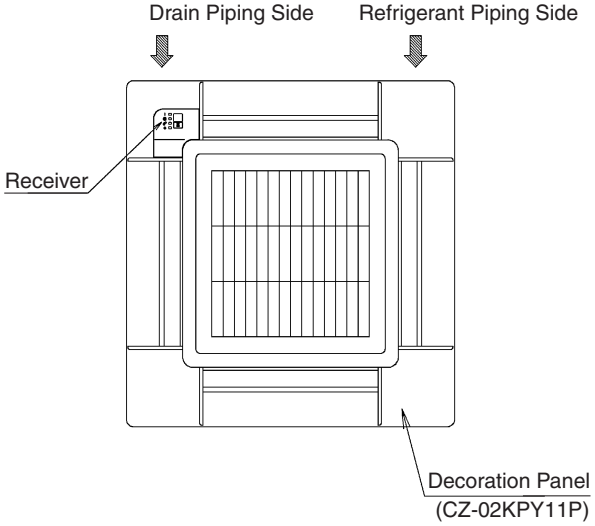
(Unit: mm)



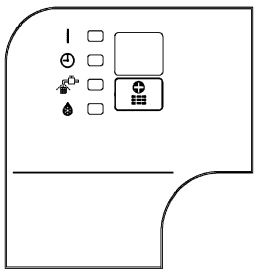
Remote Control Holder
Installation Procedure
(Installation to Wall Survace)



Receiver Installation Procedure



Receiver Detail



CZ-10RWY12P	Heat Pump	S-YM3

3D038937

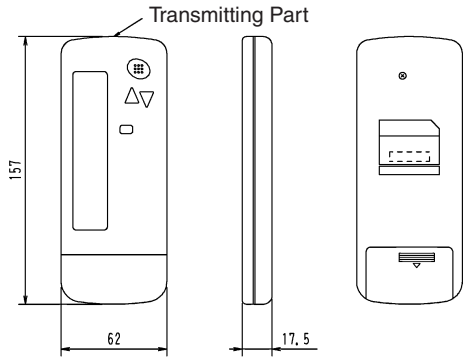
15

9. CZ-01RWT12P - Infrared Remote Control

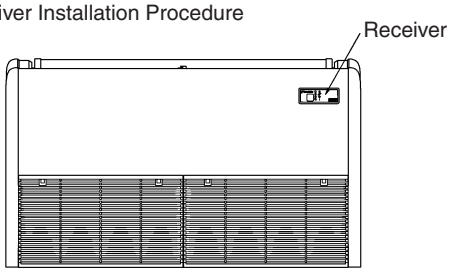
9.1 Dimensional Drawing

(Unit: mm)

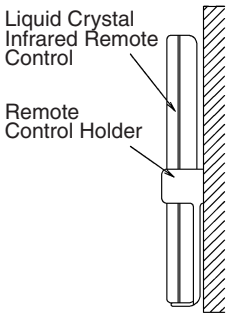
Remote Control Dimensions



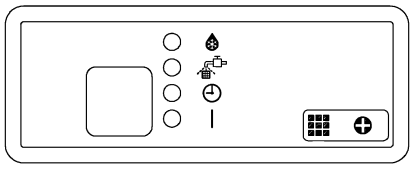
Receiver Installation Procedure



Remote Control Holder Installation Procedure (Installation to Wall Surface)



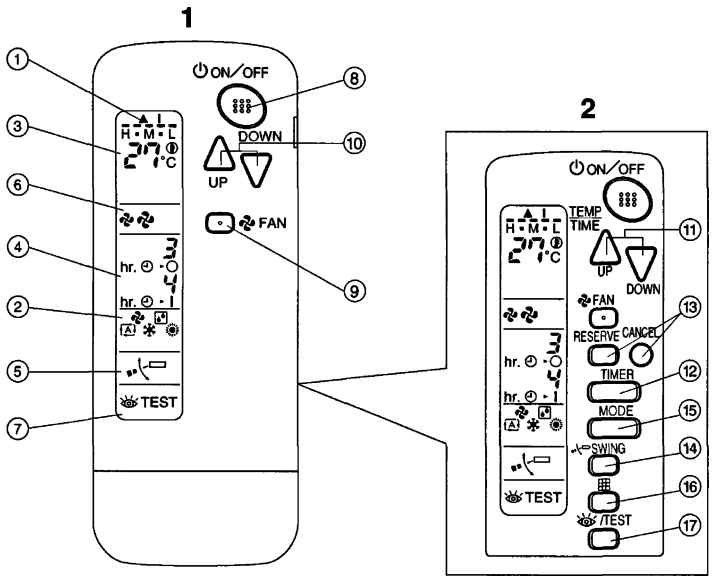
Receiver Detail



CZ-01RWT12P	Heat Pump	S-TM3

3D028963

9.2 Explanation of Buttons and Functions



1	**DISPLAY '▲' (SIGNAL TRANSMISSION)**	13	**TIMER RESERVE/CANCEL BUTTON**
	This lights up when a signal is being transmitted.	14	**AIR FLOW DIRECTION ADJUST BUTTON**
2	**DISPLAY '' '' '' '' '' (OPERATION MODE)**	15	**OPERATION MODE SELECTOR BUTTON**
	This display shows the current OPERATION MODE. For cooling only type, '' (Auto) and '' (Heating) are not installed.		Press this button to select OPERATION MODE.
		16	**FILTER SIGN RESET BUTTON**
3	**DISPLAY '' (SET TEMPERATURE)**	17	**INSPECTION/TEST OPERATION BUTTON**
	This display shows the set temperature.		This button is used only by qualified service persons for maintenance purposes.
4	**DISPLAY '' (PROGRAMMED TIME)**	18	**EMERGENCY OPERATION SWITCH**
	This display shows PROGRAMMED TIME of the system start or stop.		This switch is readily used if the remote control does not work.
5	**DISPLAY '' (AIR FLOW FLAP)**	19	**RECEIVER**
6	**DISPLAY '' '' (FAN SPEED)**		This receives the signals from the remote control.
	The display shows the set fan speed.	20	**OPERATING INDICATOR LAMP (RED)**
7	**DISPLAY '' (INSPECTION/TEST OPERATION)**		This lamp stays lit while the air conditioner runs. It flashes when the unit is in trouble.
	When the INSPECTION/TEST OPERATION BUTTON is pressed, the display shows the system mode is in.	21	**TIMER INDICATOR LAMP (GREEN)**
8	**ON/OFF BUTTON**		This lamp stays lit while the timer is set.
	Press the button and the system will start. Press the button again and the system will stop.	22	**AIR FILTER CLEANING TIME INDICATOR LAMP (RED)**
9	**FAN SPEED CONTROL BUTTON**		Lights up when it is time to clean the air filter.
	Press this button to select the fan speed, HIGH or LOW, of your choice.	23	**DEFROST LAMP (ORANGE)**
10	**TEMPERATURE SETTING BUTTON**		Lights up when the defrosting operation has started. (For straight cooling type this lamp does not turn on.)
	Use this button for SETTING TEMPERATURE. (Operates with the front cover of the remote control closed.)	24	**FAN/AIR CONDITIONING SELECTOR SWITCH**
11	**PROGRAMMING TIME BUTTON**		Set the switch to "" (FAN) for FAN and "" (A/C) for HEAT or COOL.
	Use this button for programming "START and/or STOP" time. (Operates with the front cover of the remote control opened.)	25	**COOL/HEAT CHANGEOVER SWITCH**
12	**TIMER MODE START/STOP BUTTON**		Set the switch to "" (COOL) for COOL and "" (HEAT) for HEAT.

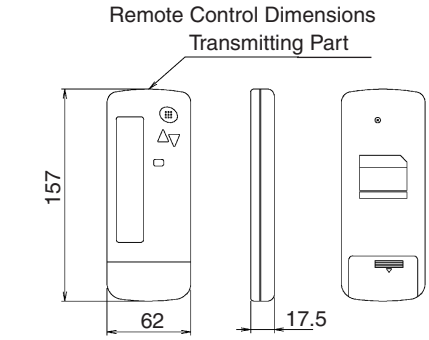
Notes:

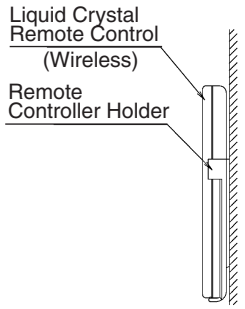
1. Please note that the display shows all indications for the purpose of explanation only. This is contrary to actual running situations.
2. Figure 2 shows the remote control with the front cover opened.

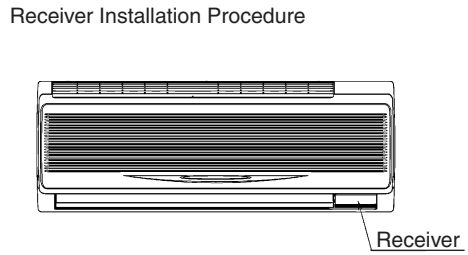
10. CZ-01RWK22P - Infrared Remote Control

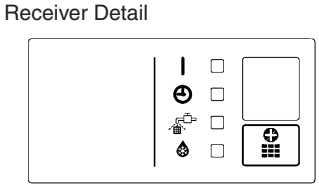
10.1 Dimensional Drawing

(Unit: mm)









CZ-01RWK22P	Heat Pump	S-KM3

3D034905

11. Survey of Various Control Systems

For more effective localized environmental control Panasonic offers various control systems such as single or double remote control or centralized control. This enables the construction of a variety of operational control systems which can be adapted for various uses from remote control to building automation (BA).

Control method	Objective / use	Unit name and model	Outline of system	Function	Standard number of units
Local operation of remote control			Remote control (V0091) Remote control	■ Operational functions - Start/Stop (ON/OFF) - Temperature setting - Timer setting (Settings in units of 1 hour up to a maximum of 72 hours) - Air flow setting - Air flow direction adjustment (Swing flap) CZ-01RT11P only ■ Indication function - Operating display - Program dry function display - Defrost/Hot start display - Filter sign - Temperature setting display - Timer display - Air flow display - Abnormal operation display ★ In case of group control all the indoor units in the system are set to the same value and each unit is controlled individually by its internal thermostat. (Not by the thermostat equipped in remote control) In common case of double remote control the most recent takes priority. (Selection between master and slave control is essential)	1 remote control controls 1 indoor unit
Remote operation of remote control	For control from a distant place	CZ-02RT11P	Each up to 500m in length Remote control (V0092)		2 remote controls control 1 indoor unit
2 remote controls	For control from 2 places (remote or local)	CZ-01RT11P	Each up to 500m in length Remote control Remote control Remote control (V0093)		1 remote control controls up to 16 indoor units simultaneously
Group control (1)	Control of several indoor units on a floor at the same time	★2 CZ-02RE11P	Interunit wiring may be up to 500m in length Up to 16 indoor units may be connected Remote control (V0094)		2 remote controls control up to 16 indoor units from 2 different places simultaneously
Group control by 2 remote controls (1)	For above control from distant place	Connected to indoor units ■ For group control it is connected to 1 unit out of the group ■ In case of control by 2 remote controls both controls are connected to the indoor unit	Remote control Remote control Interunit wiring may be up to 500m in length Up to 16 indoor units may be connected (V0095)		Same as the number of units controlled by remote control
Forced OFF command from outside	If forgotten to turn equipment off, or in case of emergency		■ For local operation of remote control Forced /OFF input Remote control ■ For group control Forced ON/OFF input Remote control Remote control (V0097)	■ Forcibly stops indoor unit operation by command from outside. ■ During remote control group control, input a command from outside to any one of the indoor units.	

Notes:

★1. In case of group control, the remote control used as master control must be selected with auto-swing function (CZ-01RT11P). When the group has cassette or ceiling suspended or cassette corner or wall mounted models.

★2. In case of using CZ-02RE11P to heat recovery series, be sure not to use this independently. Use with other remote controls (CZ-01RT11P,CZ-01RD11P or CZ-104AP11P).

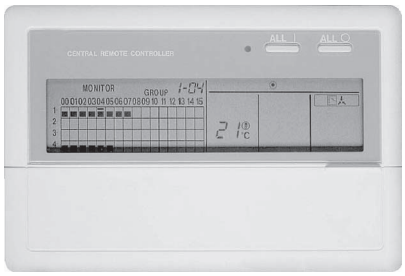
15

Centralized Control System

1. Possible Centralized Control Systems 608
2. CZ-01ESM11P: Centralized Remote Control.....609
   2.1 Dimensional Drawing 609
   2.2 Explanation of Buttons and Functions.....610
3. CZ-01ANA11P: Unified On/Off Control 611
   3.1 Dimensional Drawing 611
4. CZ-01ESW11P: Schedule Timer 612
   4.1 Dimensional Drawing 612
   4.2 Explanation of Buttons and Functions.....613
5. Survey of Various Control Systems 614
6. Wiring Example of Centralized Control Systems 615
7. Length of Transmission Wiring.....617
   7.1 Wiring Example 617
   7.2 System Example (1) 618
   7.3 System Example (2) 619
   7.4 Number of Connectable Units 620
   7.5 Flow Chart to Determine the Number of Units to be Connected 621

1. Possible Centralized Control Systems

Centralized control of the system can be achieved via 3 user friendly compact controls: centralized remote control, unified on/off control and schedule timer. These controls may be used independently or in combination where 1 group = several (up to 16) indoor units in combination and 1 zone = several groups in combination.
A centralized remote control is ideal for use in tenanted commercial buildings subject to random occupation, enabling indoor units to be classified in groups per tenant (zoning).
The schedule timer programmes the schedule and operation conditions for each tenant and the control can easily be reset according to varying requirements.



Centralized Remote Control - CZ-01ESM11P

Providing individual control of 64 groups (zones) of indoor units.

- A maximum of 64 groups (128 indoor units, max. 10 outdoor units) can be controlled.
- A maximum of 128 groups (128 indoor units, max. 10 outdoor units) can be controlled via 2 central remote controls in separate locations.
- Zone control
- Malfunction code display
- Maximum wiring length of 1,000m (total:2,000m)



Unified On/Off Control - CZ-01ANA11P

Providing simultaneous and individual control of 16 groups of indoor units.

- A maximum of 16 groups (128 indoor units) can be controlled
- 2 remote controls in separate locations can be used
- Operating status indication (normal operation, alarm)
- Centralized control indication
- Maximum wiring length of 1,000m (total:2,000m)



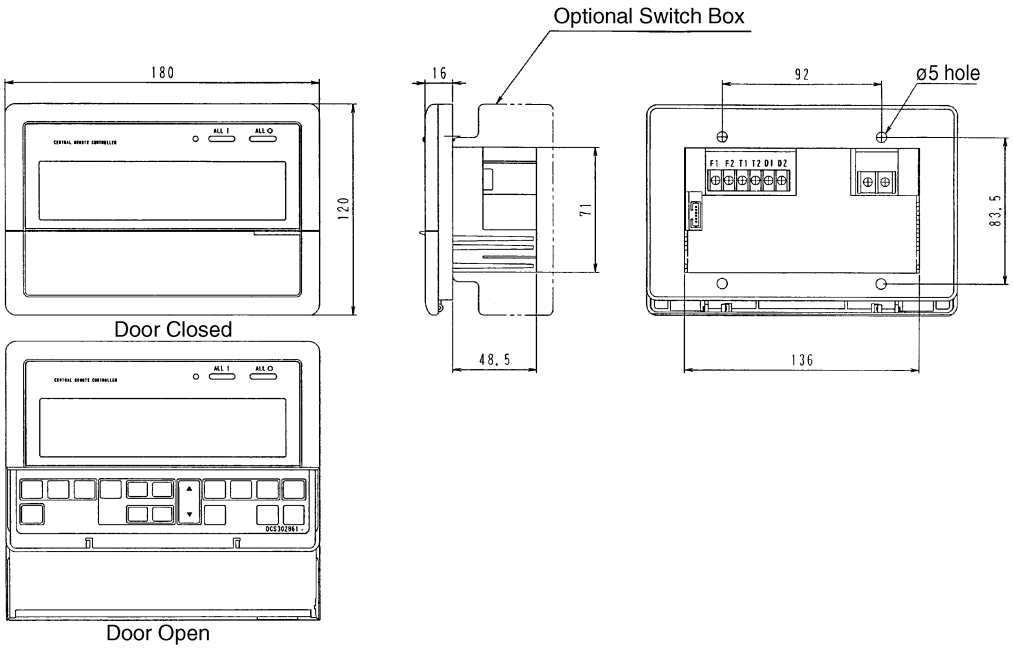
Schedule Timer - CZ-01ESW11P

Enabling 64 groups to be programmed.

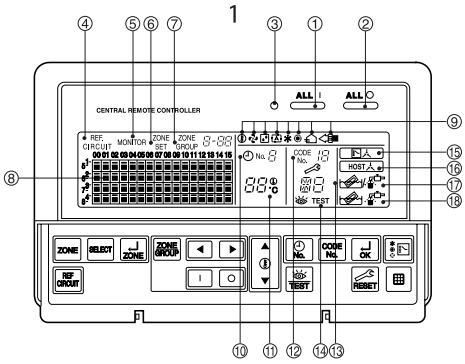
- A maximum of 128 indoor units can be controlled
- 8 types of weekly schedule
- A maximum of 48 hours back up power supply
- A maximum wiring length of 1,000m (total:2,000m)

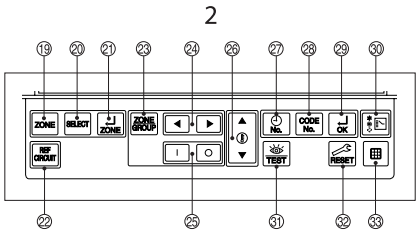
2. CZ-01ESM11P: Centralized Remote Control

2.1 Dimensional Drawing



2.2 Explanation of Buttons and Functions





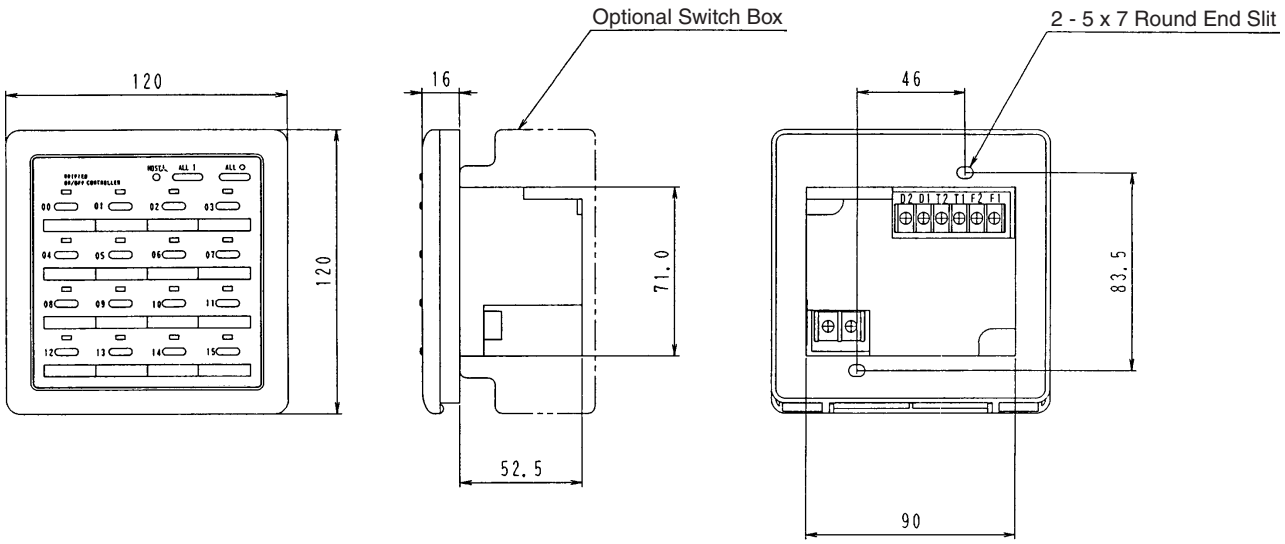
1	**UNIFIED OPERATION BUTTON**	16	**" HOST " DISPLAY (UNDER HOST COMPUTER INTEGRATED CONTROL)**
	Press to operate all indoor units.		Setting is not possible while this display is being displayed.
2	**UNIFIED STOP BUTTON**	17	**" " DISPLAY (TIME TO CLEAN)**
	Press to stop all indoor units.		Displayed to notify the user it is time to clean the air filter or air cleaner element of a particular group.
3	**OPERATION LAMP (RED)**	18	**" " " " DISPLAY (TIME TO CLEAN AIR CLEANER ELEMENT/TIME TO CLEAN AIR FILTER)**
	Lit while any of the indoor units under control is in operation.		Displayed to notify the user it is time to clean the air filter or air cleaner element of the group displayed.
4	**" REF. CIRCUIT " DISPLAY (REFRIGERANT SYSTEM DISPLAY)**	19	**ZONE SETTING BUTTON**
	The indication in the square is lit while the refrigerant system is being displayed.		Turns zone setting mode ON/OFF.
5	**" MONITOR " DISPLAY (OPERATION MONITOR)**	20	**SELECTOR BUTTON**
	The lamp is lit while operation is being monitored.		Selects the group to be assigned to a zone.
6	**" ZONE SET " DISPLAY (ZONE SETTING)**	21	**ZONE OPERATION ON/OFF BUTTON**
	The lamp is lit while setting zones.		Finalizes the zone.
7	**"ZONE" "GROUP" DISPLAY (ZONE/GROUP)**	22	**BUTTON FOR REFRIGERANT SYSTEM DISPLAY**
	Indicates the particular zone or group being displayed.	23	**ZONE/GROUP CHANGEOVER BUTTON**
8	**GROUP NO. IN OPERATION**		Switches display "zone" to display "group" or vice versa.
	Each square displays the state corresponding to each group.	24	**ADVANCE/BACKWARD BUTTON**
9	**" " " " " " " " " " " " DISPLAY (OPERATION MODE)**	25	**ON/OFF BUTTON**
	Displays operating state.		Starts/stops operation by zone.
10	**" No. " DISPLAY (TIME NO.)**	26	**TEMPERATURE SETTING BUTTON**
	Displays the operation timer No. when used in conjunction with the schedule timer.		Press to set temperature.
11	**" " DISPLAY (PRESET TEMPERATURE)**	27	**TIME NO. BUTTON**
	Displays the preset temperature.		Selects time No. (Use in conjunction with the schedule timer only).
12	**" CODE No. " DISPLAY (CONTROL MODE)**	28	**CONTROL MODE BUTTON**
	Displays codes on how to control equipment (ON/OFF control impossible by remote control, centralized, individual etc.). Displays the No. of the particular unit that has stopped due to malfunction.		Selects control mode.
13	**" " DISPLAY (MALFUNCTION CODE)**	29	**TIMER ON BUTTON**
	Displays the contents of a malfunction. The lamp flashes when a malfunction stops operation. The contents of the current malfunction are displayed in the inspection mode.		Sets control mode and time No.
		30	**OPERATION MODE SELECTOR BUTTON**
14	**" TEST " DISPLAY (INSPECTION/TEST)**	31	**INSPECTION/TEST OPERATION BUTTON**
	Press the inspection/test operation button. Either the inspection or test lamp lights up.		Press to run inspection or test run.
15	**" " DISPLAY (CHANGEOVER UNDER CONTROL)**	32	**CLEARING BUTTON FOR MALFUNCTION CODE MEMORY**
	Cool/heat selection is not possible for either the zone or the group where this particular display appears.		Press to clear malfunction code.
		33	**FILTER SIGN RESET BUTTON**

Notes:

1. Please note that the display shows all indications for the purpose of explanation only.
   This is contrary to actual running situations.
2. If the unit is used in conjunction with other optional central controllers, the OPERATION LAMP of the unit that is not under operation control may light up and go out a few minutes behind schedule. This shows that the signal is being exchanged, and does not indicate any failure.

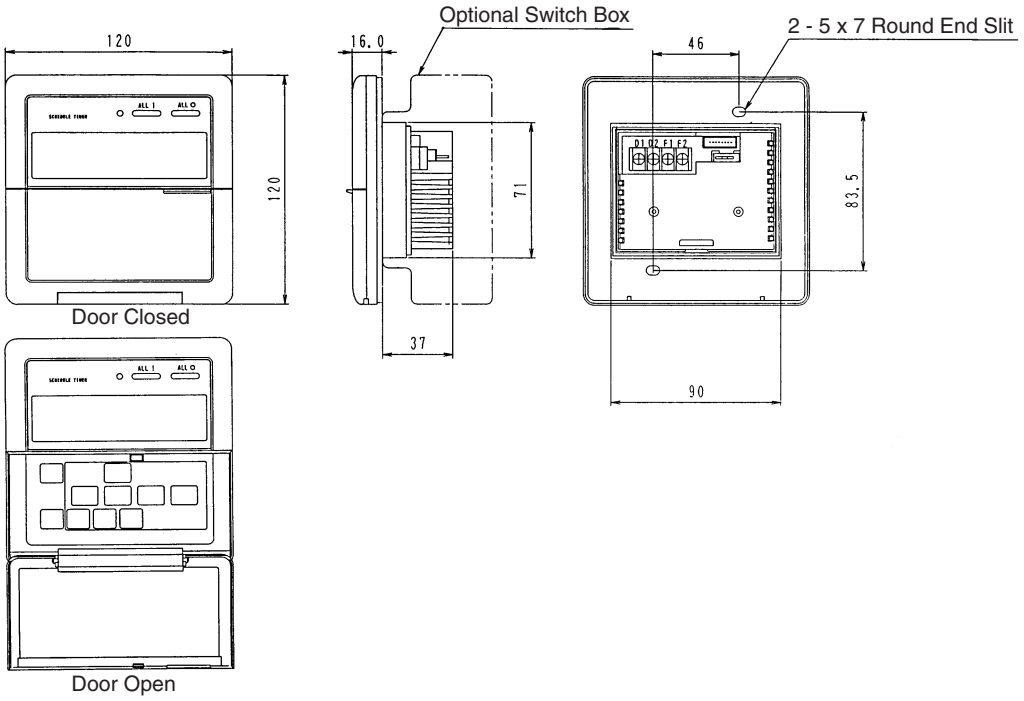
3. CZ-01ANA11P: Unified On/Off Control

3.1 Dimensional Drawing

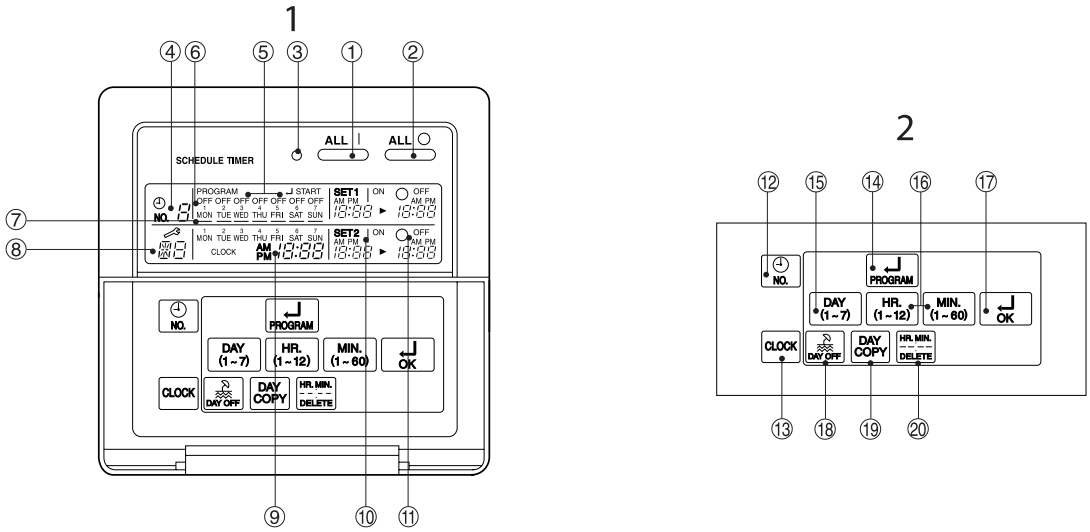


4. CZ-01ESW11P: Schedule Timer

4.1 Dimensional Drawing



4.2 Explanation of Buttons and Functions



1	**UNIFIED OPERATION BUTTON** Press this button to perform the unified operation regardless of the No. of programmed time.	11	**DISPLAY "OFF" (PROGRAMMED TIME OF SYSTEM OFF)** Displays the time programmed to stop.
2	**UNIFIED STOP BUTTON** Press this button to perform the unified stop regardless of the No. of programmed time.	12	**TIME NO. BUTTON**
3	**OPERATION LAMP (RED)** The light turns on during the operation of the indoor unit.	13	**CLOCK ADJUSTING BUTTON** Press this button to set the present time.
4	**"NO." DISPLAY (TIME NO.)** Displays the time No. only when used in conjunction with the centralized remote control.	14	**PROGRAMMING START BUTTON** Press this button to set or check the No. of programmed time. Press it again after you are through with the program.
5	**DISPLAY "PROGRAM ↵ START." (PROGRAMMING START)** The light turns on when the timer is programmed.	15	**BUTTON FOR SELECTING DAYS OF A WEEK** Setting is not possible while this display is being displayed.
6	**DISPLAY "OFF" (HOLIDAY SETTING)** Lights above the day of the week set as holiday. The operation controlled by timer is not available on that day.	16	**HOUR/MINUTE BUTTON** Press this button to adjust the present time and the programmed time.
7	**DISPLAY " — " (SETTING OF DAYS OF A WEEK)** Flashes below the day of the week programmed.	17	**TIMER ON BUTTON** Press this button to set the present time and the programmed time.
8	**DISPLAY "MALFUNCTION CODE"** Displays the contents of malfunction during the stop due to malfunction.	18	**HOLIDAY SETTING BUTTON** Press this button to set holidays.
9	**DISPLAY "MON TUE WED THU FRI SAT SUN CLOCK AM PM 10:00"** Displays the present day of the week and time.	19	**BUTTON FOR COPYING PROGRAM OF PREVIOUS DAY** Use this button to set the No. of programmed time same as that of the previous day.
10	**DISPLAY "MON TUE WED THU FRI SAT SUN CLOCK AM PM 10:00" (PROGRAMMED TIME OF SYSTEM START)** Displays the time programmed to start.	20	**PROGRAM CANCELING BUTTON** Use this button to set the programmed time to cancel. The display shows "– ; – –".

Notes:

1. Please note that the display shows all indications for the purpose of explanation only. This is contrary to actual running situations.

16

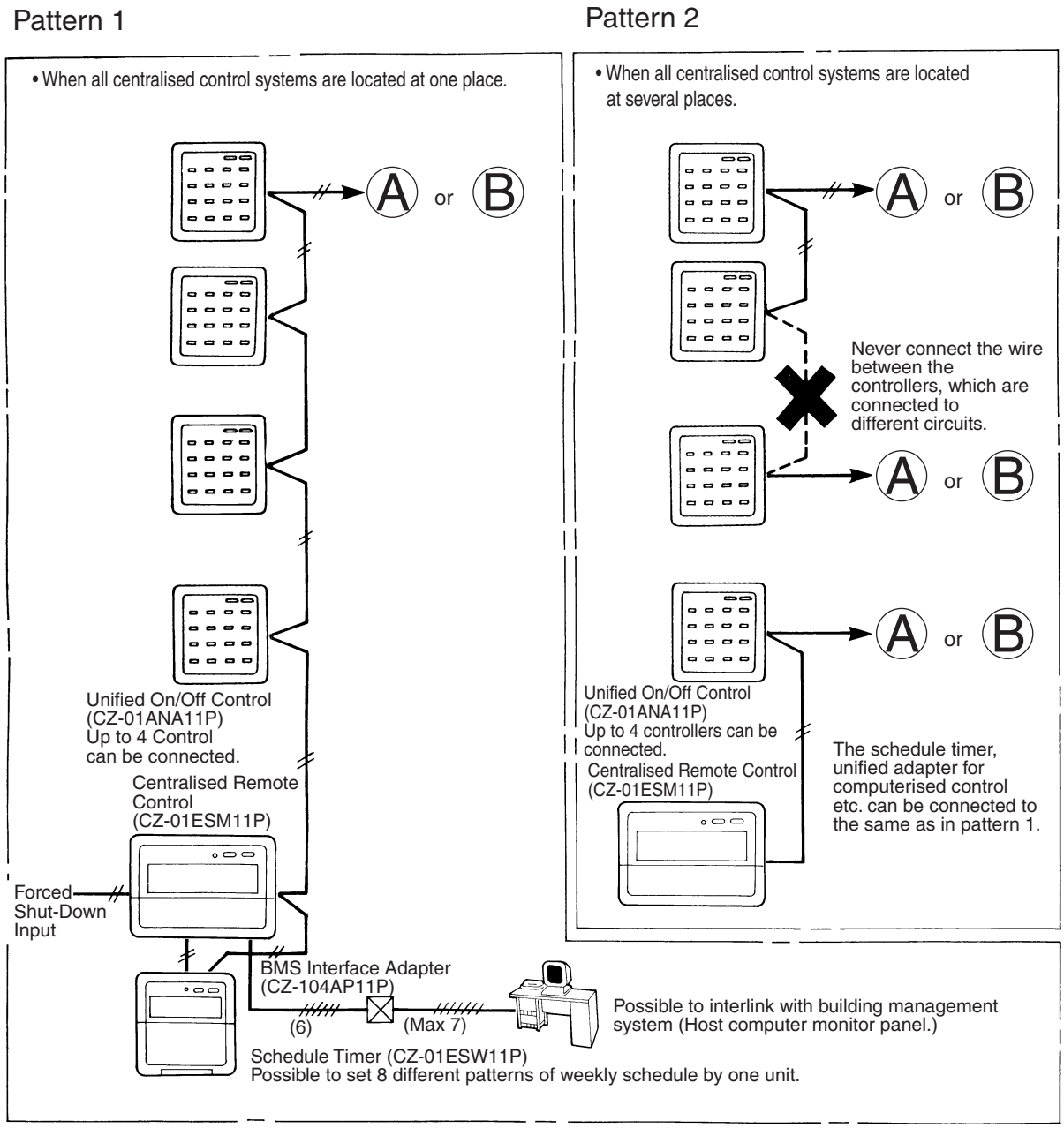
5. Survey of Various Control Systems

For more effective localized environmental control Panasonic offers various control systems such as single or double remote control or centralized control.
This enables the construction of a variety of operational control systems which can be adapted for various uses from remote control to building automation (BA).

Control Method	Objective / use	System outline	Function	Standard number of units
CZ-01ESW11P Schedule timer	To carry out weekly schedule operation by 1-minute units		■ ON/OFF time can be set by units of day, hour and minute; ON/OFF pattern can be set by time zone of twice per day in accordance with application.	Simultaneously controls 64 groups with one schedule timer. Max. 128 units
Centralized remote control CZ-01ESM11P	To control all indoor units from one place		■ Double central control function ■ Function of liquid crystal remote control can be controlled individually for each zone of the indoor unit. ■ Individual/ unified operation ■ Up to 8 patterns can be set for operation controlled by programmed time when used in combination with schedule timer. ■ Temperature setting for each zone ■ Control operation for each room during centralized control ■ Remote control operation rejected command ■ Sequential start function	Controls up to 64 groups with one centralized remote control. Max. 128 units
Unified ON/OFF control CZ-01ANA11P			■ Double central control function ■ Indoor unit ON/OFF control ■ Individual/unified operation ■ Remote control operation rejected command. (Centralized remote control given priority when used in combination with centralized remote control.) ■ Sequential start function	Controls up to 16 groups of indoor units with one unified ON/OFF control. Max. 128 units
■ Schedule timer ■ Centralized remote control ■ Unified ON/OFF control			■ Respective functions of schedule timer, centralized remote control and unified ON/OFF control are possible. (Control mode of centralized remote control is given priority for operation of remote control for indoor unit.) ■ Sequential start function.	Controls up to 64 groups of indoor units with 1 schedule, timer, 2 centralized remote controls and 8 unified ON/OFF controls.

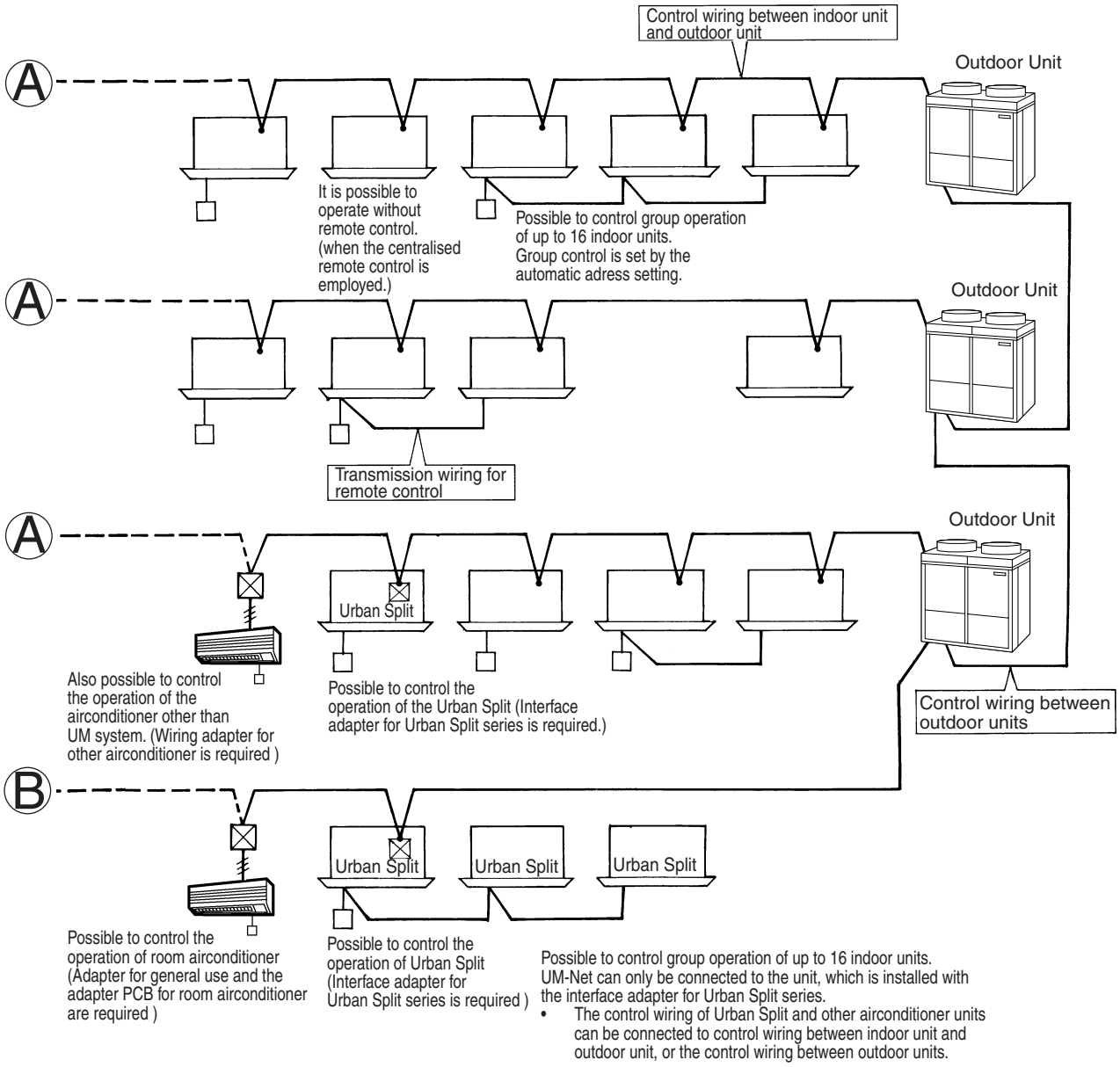
6. Wiring Example of Centralized Control Systems

- Be sure to connect the wiring of the central controller to (A) or (B).
  (Connect to (B), if it is possible.)
- Be sure to limit the number of indoor units within the limitation for each system.
- Never connect the wire between the controllers, that are connected to different circuits.
- In order to prevent the connection of 3 wires on the same terminal, connect to the terminal unit of (A) or (B), or use the relay terminal
  (local supply).



16

- The longest wiring extension should not exceed 1,000 m.
  (Total wiring length should not exceed 2,000 m, excluding the wiring to the remote control).
- Up to 128 indoor units can be controlled.



Advantages when central controllers are connected to (B).

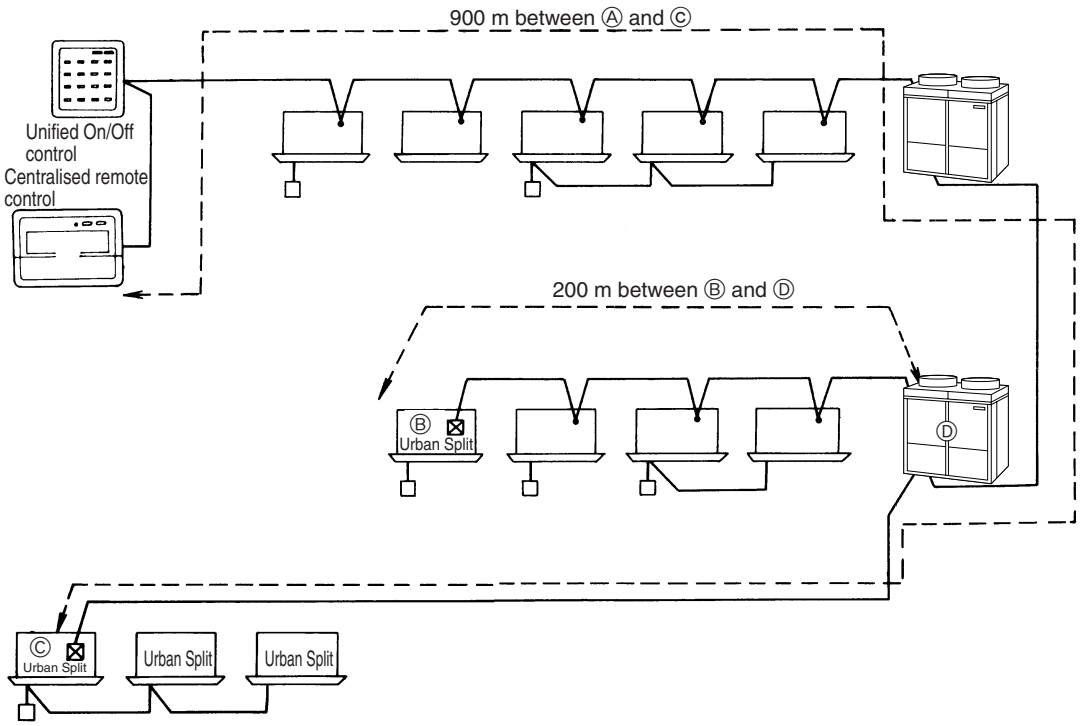
- If the central controllers are connected to (B), it is still possible to have centralized control, even if the power supply of other circuit connected to the central controller is shut-off. (Even if the power is shut off due to long vacation etc.)

7. Length of Transmission Wiring

The super wiring system, that integrates the control wiring between indoor unit and outdoor unit and the transmission wiring to the central controllers into one common wiring, should satisfy the following limitation.

- The longest wiring extension: Not exceeding 1,000 m
- Total wiring length: Not exceeding 2,000 m

7.1 Wiring Example



In the above system, the longest wiring extension is 900 m between A and C, which satisfies the limit of 1,000 m. The total length is 1,100 m, that is the total of 900 m between (A) and (C) and 200 m between (B) and (C), which also satisfies the limit of 2,000 m.

The central controller functions properly, only when both the longest extension and the total length of wiring satisfies the limitation, as shown above.

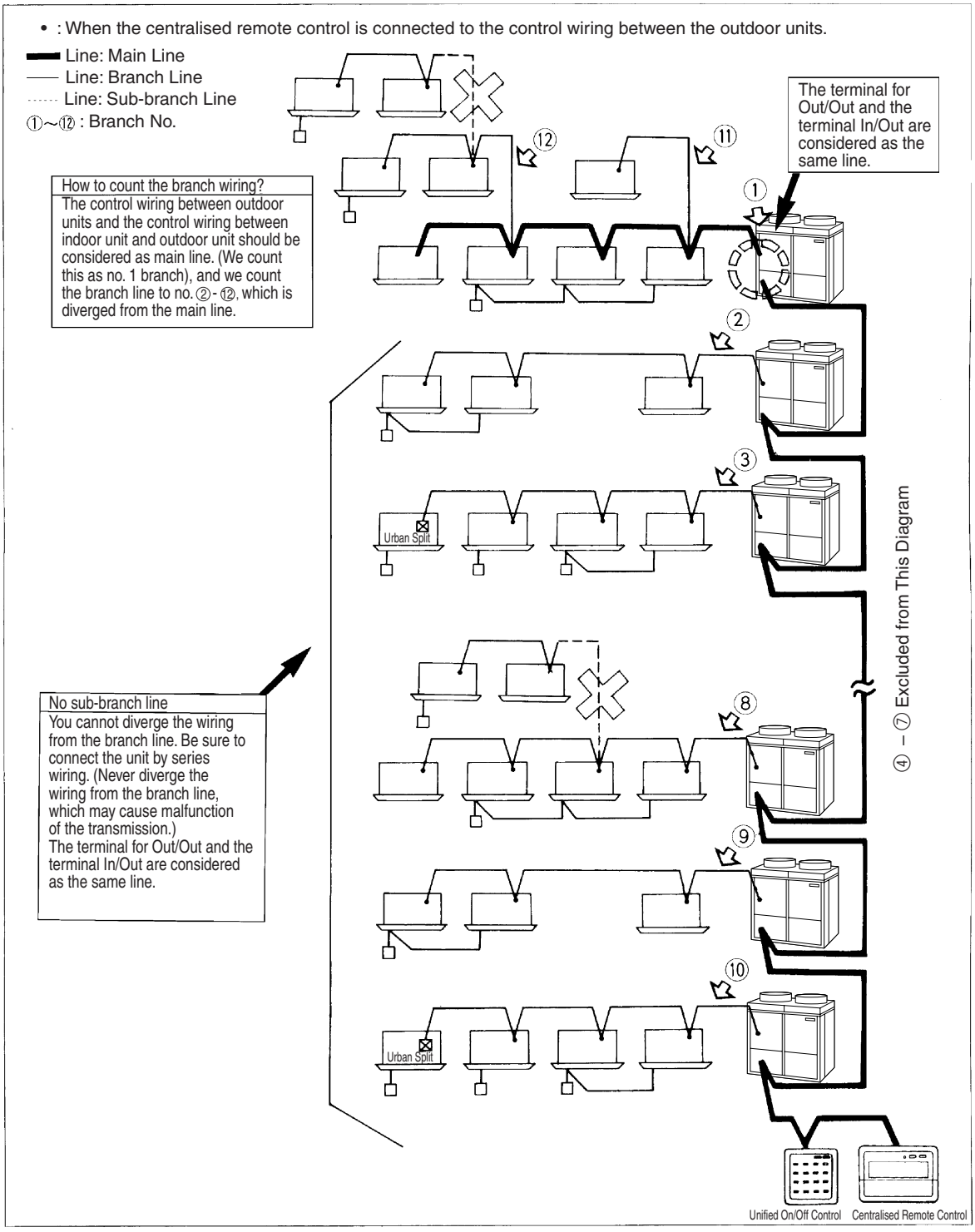
Notes:

1. When designing the system, be sure to check both the longest extension and the total wiring length. If it exceeds the limitation, there is no other way but to split into several systems.

16

7.2 System Example (1)

- Branch line; line that is diverged from the main line.
- Sub-branch line: line that is diverged from the branch line.

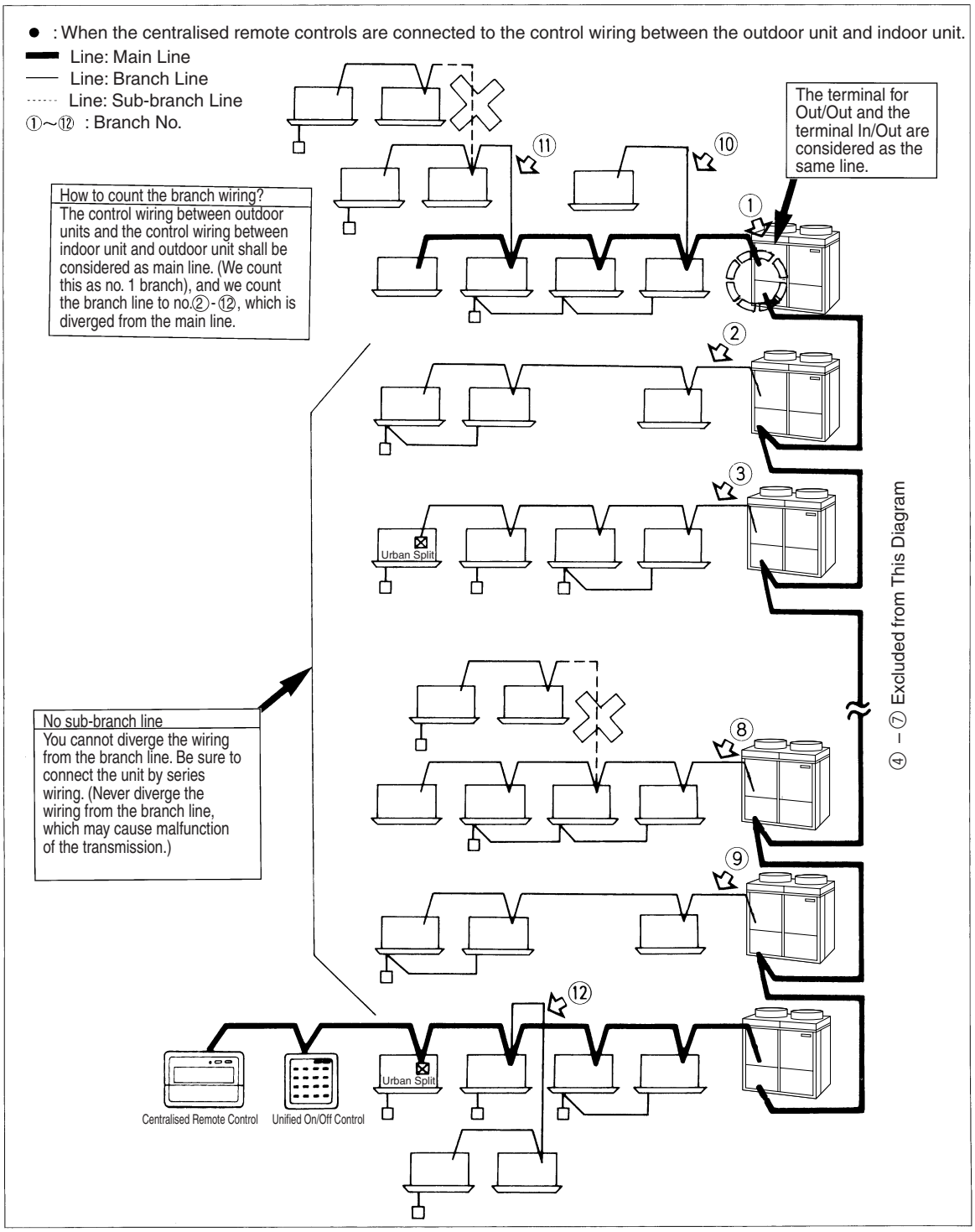


Notes:

1. As shown above, the centralized remote controls should be connected to the wiring between the outdoor units, wherever possible. (If connected to the control wiring between indoor unit and the outdoor unit, it may not be able to control the units even on the normal circuit if the circuit connected to the central control is out of order.)

7.3 System Example (2)

- Branch line; line that is diverged from the main line.
- Sub-branch line: line that is diverged from the branch line.



Notes:

1. As shown above, if the centralized remote controls are connected to the control wiring between indoor unit and outdoor unit, it may not be able to control the units even on the normal circuit, if the circuit connected to the central controller is out of order. Be sure to connect the central controllers to the control wiring between the outdoor units.

16

7.4 Number of Connectable Units

	Central Control Equipment	Indoor Unit	Outdoor Unit	Other Adapters
Target Controller (Max. Number)	■ Centralized remote control (2 units) (1) ■ Unified ON/OFF control (8 units) (1) ■ Schedule timer (1unit)	■ UM system ■ US series (Interface adapter for US is required.) ■ Facility air-conditioner (Wiring adapter for other air-conditioner is required.) ■ Room air conditioner (Wiring adapter for other air conditioner is required) ■ HR box (3) ■ Wiring adapter	■ Outdoor unit for UM system ■ UM “MA1R series” UM “MX1(R) series”	■ External control adapter for outdoor unit ■ Wiring adapter for electrical appendices (1)
Number of Units	(2)	Up to 128 units (6)	Up to 10 units (5)	Up to 10 units

Notes:

1. When you have 2 central control systems (to control one system from 2 central locations): 4 centralized remote controls and 16 unified ON/OFF controls can be connected. However, a maximum of 128 units can only be controlled.
2. When you connect 8 or more central control equipment, it is required to satisfy the following conditions. The following conditions are not required to be considered when the number of controller is 7 or less.

■ Central control equipment + Indoor units + Outdoor units + other adapters ≤ 160 units
■ Central Conversion number of central control equipment * + Indoor units + outdoor units + other adapters ≤ 200 units
NOTE: * is converted one central control equipment except unified ON/OFF control as 10 units.)

3. When HR box is installed, HR box is not counted in the number. However, the indoor units after HR box should be counted.
4. In case of MA1R series, only the number of outdoor units is counted and the function unit is not counted. However, when you have a plan to expand the system in future, be sure to consider to count the number of units to be added.
5. The outdoor unit is limited up to maximum of 10 units and the total rated capacity should be 280kW (100 HP) or less, and also the number of function units is also limited up to 5. However, if the sequential start setting is possible, up to 10 function units can be connected.
6. When the data station or the parallel interface is connected, the number of indoor units are limited up to 64 groups (128 units).
When you judge whether the number of the connectable units is possible, refer to the flow chart on the next page.

7.5 Flow Chart to Determine the Number of Units to be Connected

Check sheet for number of units in one system

Centralised control	Qty	Y/N			
Centralised remote control (Note 1)			≤ 2	x 10	=
Unified ON/OFF control			≤ 8	x 1 (B) or 1 0 (A)	=
Schedule timer			≤ 1	x 10	=
Total			≤ 7		
			≤ 8		

[ ] + [ ] + [ ] + [ ] = [ ] ≤ 200

Indoor unit	Qty	Y/N	
Urban Multi			
Urban Split with adapter			
Wiring adapter for other air conditioner			
HR box (Note 2)			
Total			≤ 128

Outdoor unit	Qty	Y/N	
U-MX3			
U-ME3			
Total			≤ 10

U-5MX3 / U-5ME3		x 5HP =
U-8MX3 / U-8ME3		x 8HP =
U-10MX3 / U-10ME3		x 10HP =
U-12MX3 / U-12ME3		x 12HP =
U-14MX3 / U-14ME3		x 14HP =
U-16MX3 / U-16ME3		x 16HP =
	Total	≤ 100HP

Other adapters	Qty	Y/N	
External control adapter for outdoor unit			
Wiring adapter for electrical appendices			
			≤ 10

Notes:

Conditions A means:
Central control equipment + Indoor units + outdoor units + other adapters ≤ 160 units
Conversion number of central control equipment + Indoor units + Outdoor units + other adapters ≤ 200 units

16

Control Wiring		Y/N	
Maximum Extension	M		< 1000
Total Wiring Length	M		≤ 2000
Wiring Branch			≤ 16

Notes:

1. When one system is to be controlled from 2 locations, up to 4 centralized remote controls and 16 unified ON/OFF controls can be connected. However, the maximum number of units that can be controlled is 128.
2. When a HR box is used, the indoor units used in its downstream are not counted.

Optional Adapters

1. Air-Conditioner Connection Adapters....624
   1.1 KRP928A2S - Interface adapter for Split inverter....624
   1.2 CZ-102AP11P - BMS Interface Adapter for Individual or Unified Control....625
   1.3 CZ-103AP11P - Wiring Adapter for Other Air Conditioners....626
   1.4 DTA104A61·62 BMS Interface Adapter for Outdoor Unit....627
   1.5 DTA109A51 - UM-NET Adapter....628
2. Adapters for External Controllers....629
   2.1 CZ-104AP11P Unification Adapter for Computerized Control....629
   2.2 KRP4A51·52·53 BMS Interface Adapter for Individual and Unified Control....630
   2.3 KRP2A61·62 BMS Interface Adapter for Unified Group....631
   2.4 KRP1B61·2·3 Wiring adapter....632

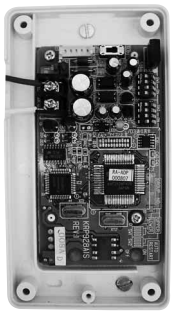
17

1. Air-Conditioner Connection Adapters

The following Air-conditioning Connection Adapters (BMS interface adapter for individual or unified control, Wiring Adapter for other air-conditioners, Interface Adapter for Outdoor unit control and Mix matching Adapter for “MX1” indoor unit) are the interface adapters which are required to connect the air-conditioners with UM-NET.

1.1 KRP928A2S - Interface adapter for Split inverter

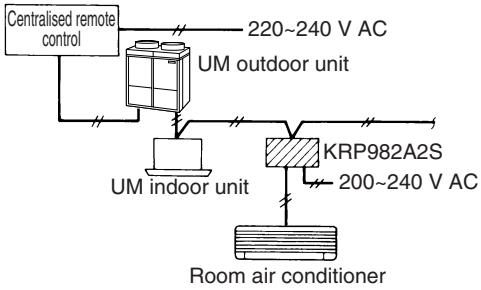
1.1.1 View



1.1.2 Outline

This interface adapter allows to link all split inverter units to the UM net. Lower and upper group number are set by means of DIP switches as well as the choice between auto restart and no auto restart after power failure.

1.1.3 System Configuration

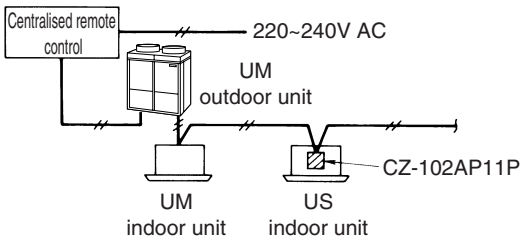


1.2 CZ-102AP11P - BMS Interface Adapter for Individual or Unified Control

1.2.1 Outline / Features

This is an interface adapter required for Urban Split to the subsequent models to connect to the central control equipment (Centralised remote control, Unified ON/OFF controller and Schedule timer), and by combining with the central control equipment, you can set the control mode, such as unified ON/OFF control, timer operation, rejection/ acceptance by remote controller operation and etc., and also display the operating status.

1.2.2 System Configuration



1.2.3 Description of Functions

A. Control functions

By using this adapter, you can control or monitor the following function from the central control equipment.

	Description of functions
1. ON/OFF operation	Turns indoor unit ON or OFF.
2. Operation/malfunction monitoring	Monitors operation or error status
3. Cool/heat changeover	
4. Temperature setting	Temperature setting is possible within the temperature setting range of US (20~35°C for cooling and 15~30°C for heating).
5. Control mode setting for remote controller	Restricts remote controller operation for ON/OFF control, cool/heat changeover and temperature setting. (Last command priority/Remote Control Rejection and etc.)
6. Test operation	Operates the indoor units by Forced thermostat “ON”.
7. Malfunction code display and reset	
8. Group control	Controls up to 16 indoor units simultaneously.
9. Room temperature monitoring	
10.Forced thermostat “OFF”	If the central controller is equipped with the forced thermostat OFF function, it switches the US to “FAN” operation.
11.Filter sign display and reset	
12.Air flow direction and air flow rate setting	Possible to change the setting by the individual setting mode of the centralised remote control. (Note 1)
13.Various monitoring function	Thermostat status, Compressor operation status, Indoor fan operation status, Auxiliary electric heater operation status. (Note 2)

Notes:

1. The central control equipment should be installed in the system
2. This is possible only when connected to the Data station and monitored by central monitoring panel

B. Not controllable functions

This adapter is not corresponding to the following functions.

	Description of functions
1. Energy saving command	Set-back the setting temperature by 2°C. (thermostat “OFF” operation)
2. Low operating noise command	Lowering the operating noise by reducing the capacity
3. Demand control	Controls the power consumption by reducing the capacity

1.3 CZ-103AP11P - Wiring Adapter for Other Air Conditioners

1.3.1 Outline / Features

This is a interface adapter required for other equipment, such as room air-conditioner and other air-conditioner or equipment to connect to the central control equipment (Centralised remote control, Unified ON/OFF controller and Schedule timer), and by combining with the central control equipment, you can set the control mode, such as unified ON/OFF control, timer operation, remote controller rejection/acceptance and etc., and also display the operating status. Especially, this adapter is designed with wide usage to be able to connect the air-conditioner of other manufacturer.

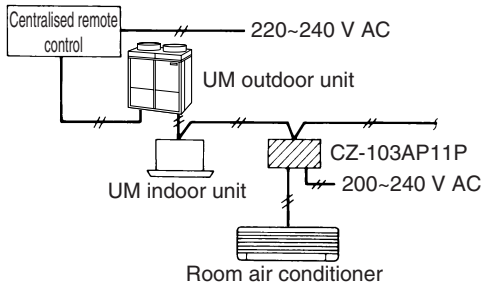
1.3.2 Applied Model

Applied model	Remark
1. Room air-conditioner	
2. Other equipment, such as fan etc.	
3. Air-conditioner of other manufacturer	

Note:

1. The adapter should be installed in the electrical box (local supply), which be installed outside of the indoor unit.

1.3.3 System Configuration



1.3.4 Specifications

	Specifications
Rated voltage	220~240V±10% (50Hz), 220VAC±10% (60Hz)
Power consumption	Max. 2.4W
Operating temperature	–10 ~ + 50°C
Humidity	95% RH or less
Weight Approx.	1,060g
Installation method	Outside of the unit (with box)

Note:

1. The electric box (local supply) for the adapter is required for the installation, which should be installed outside of the indoor unit.
   Size: 230 (W) × 230 (D) × 60 (H)

1.3.5 Specifications of Contacts

Input signal	Output signal
• Normal operation signal and error input signal (Normally open contact) Use a contact for micro-current (Max. 12VDC, 1mA)	• Non-voltage constant normally open contact and instantaneous normally open contact (500ms pulse duration) can be changeover by the switch.
• Voltage and non-voltage can be changeover by switch. In case of voltage: Power supply specifications : DC12~24V, 10mA	• Contact rating AC voltage 100~240V ; current 1mA~2A DC voltage 5~24V ; current 1mA~3A

1.3.6 Description of Functions

Control functions

By using this adapter, the following control and monitoring can be carried out from central controllers.

1. Start/Stop operation
   Outputs a non-voltage contact signal to start or stop other air-conditioner, etc.
2. Operation monitor, error monitor
   Receives a contact signal and monitors operation and error status.
   Enables you to select whether voltage/non-voltage and whether start/stop error is detected.

1.4 DTA104A61·62 BMS Interface Adapter for Outdoor Unit

1.4.1 Outline / Features

By installing this adapter in the indoor unit of UM series or HR box connected to UM-NET (or outdoor unit in case of MA1 series or MX1 series), it enables you to have individual/simultaneous cool/heat changeover of several outdoor units connected, demand control and low noise control.

Note:

1. Demand control and low noise control is possible only for MA1 series and MX1 series.

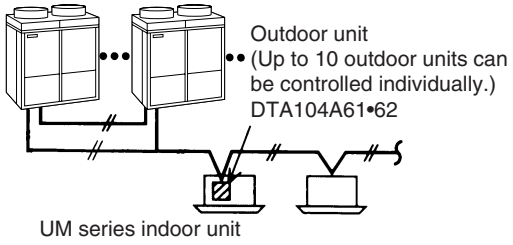
1.4.2 Applied Model

The type of adapter differs depending on the model of indoor unit.

	Applied adapter
S-LM3, S-DM3, S-FM3, S-NM3, S-EM3, S-KM3, S-PM3, S-RM3	DTA104A61
S-UM3, S-TM3	DTA104A62

The adapter can also be installed in the outdoor unit of MA1 series and MX1 series.

1.4.3 System Configuration



1.4.4 Description of Functions

1. Control functions

By using an BMS interface adapter for outdoor units, it enables the following controls. However, these functions are of adapter itself and the type of adapter differs depending on the model of indoor unit and HR box to be installed.

1. Unified changeover of Cool/Heat mode
- To change the cool/heat mode of several outdoor units by one remote controller
- To changes the cool/heat mode of outdoor units by cool/heat centralised remote control or cool/heat remote controller.

2. Demand control
- When short circuit between (1) and (C) : Approx. 70%
- When short circuit between (2) and (C) : Approx. 40%
- When short circuit between adapter terminals (3) and (C) : Forced fan operation
  (The percentage indicates the ratio of power consumption.)

3. Low noise control

By controlling the capacity of outdoor unit, it reduces the operating noise by 2~3dB.

2. Instruction for installation

- For MA1 series and MX1 series, it is possible to switch cool/heat simultaneously only by remote controller for indoor unit or cool/heat centralised remote control
- This adapter enables to have demand control and low noise control only for MA1 series and MX1 series.

17

1.5 DTA109A51 - UM-NET Adapter

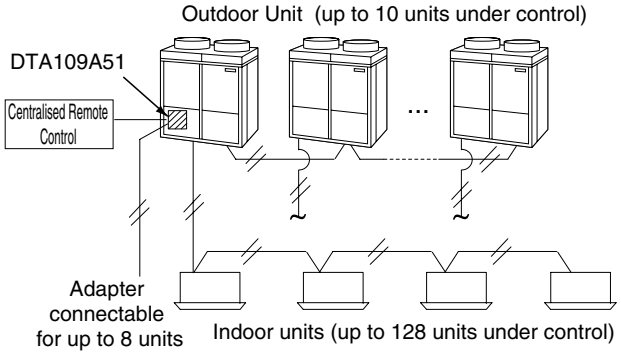
1.5.1 Outline / Features

This adapter is intended for increasing the number of indoor units under control. The scalable device helps extend from the existing 128 indoor units up to 1,024 indoor units (in 64 groups under a central controller).

1.5.2 Applied Model

All UM series models (after MX1)

1.5.3 System Configuration



2. Adapters for External Controllers

The following adapters are interface adapters required for the connection of the central control equipment (Centralised remote control, Unified ON/OFF controller and Schedule timer) or other external control equipment, such as the central monitoring panel, and enables you to operate ON/OFF or monitor the operating status, malfunction etc. from the central monitoring panel.

2.1 CZ-104AP11P Unification Adapter for Computerized Control

2.1.1 Outline / Features

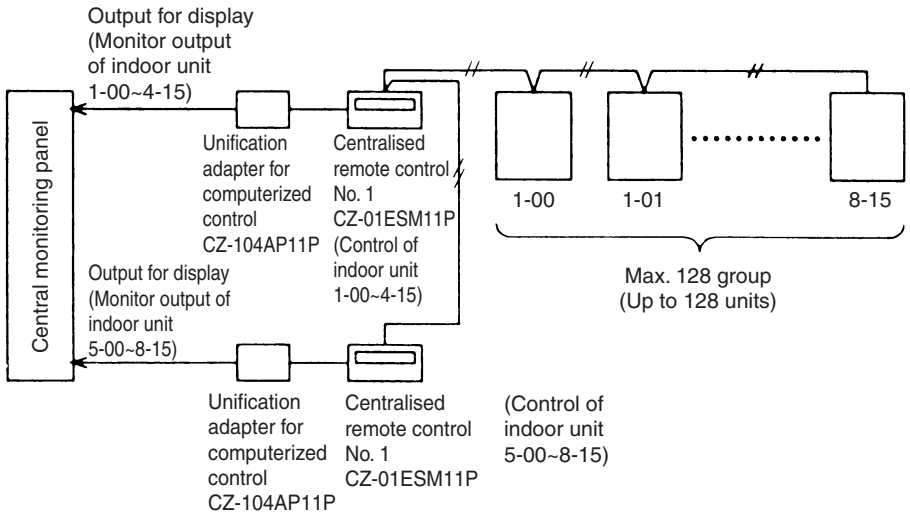
This adapter is an interface adapter required to connect the central control equipment (Centralised remote control, Unified ON/OFF controller and Schedule timer) or other external control equipment, such as the central monitoring panel, and enables you to have a unified display (operation/error display) or a unified operation (start/stop command) from the central monitoring panel.

2.1.2 Applied Model

- Centralised remote control CZ-01ESM11P

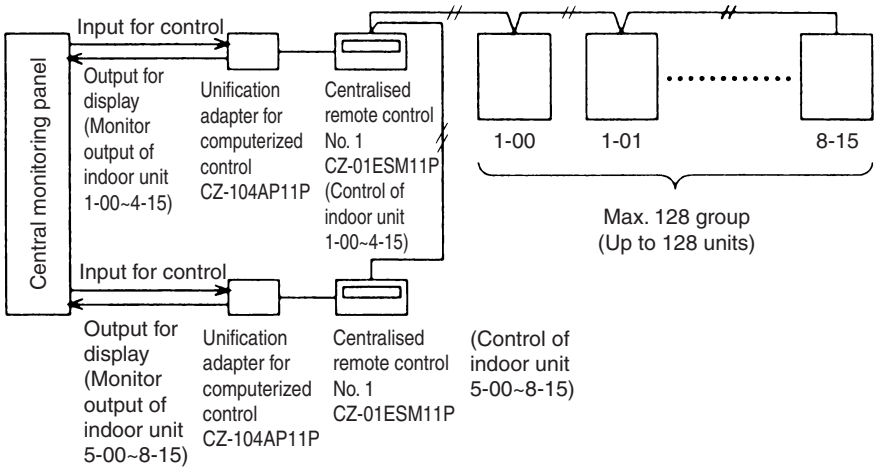
2.1.3 System Configuration

1. Unified display



Operation and error of all the indoor units controlled by the centralised remote control are output and displayed on the central monitoring panel.

2. Unified control



Unified display and unified start/stop operation of all the indoor units controlled by the centralised remote control are operative from the central monitoring panel.

17

2.2 KRP4A51·52·53 BMS Interface Adapter for Individual and Unified Control

2.2.1 Outline / Features

This adapter is an interface required to connect the indoor unit with the central monitoring panel. And by installing this adapter in the indoor unit, it enables you to have various remote controls (ON/OFF, temperature setting, operation status display and malfunction display). One adapter can control simultaneously the group of units (Max. 16 units) connected to the remote control wiring line(P1, P2).

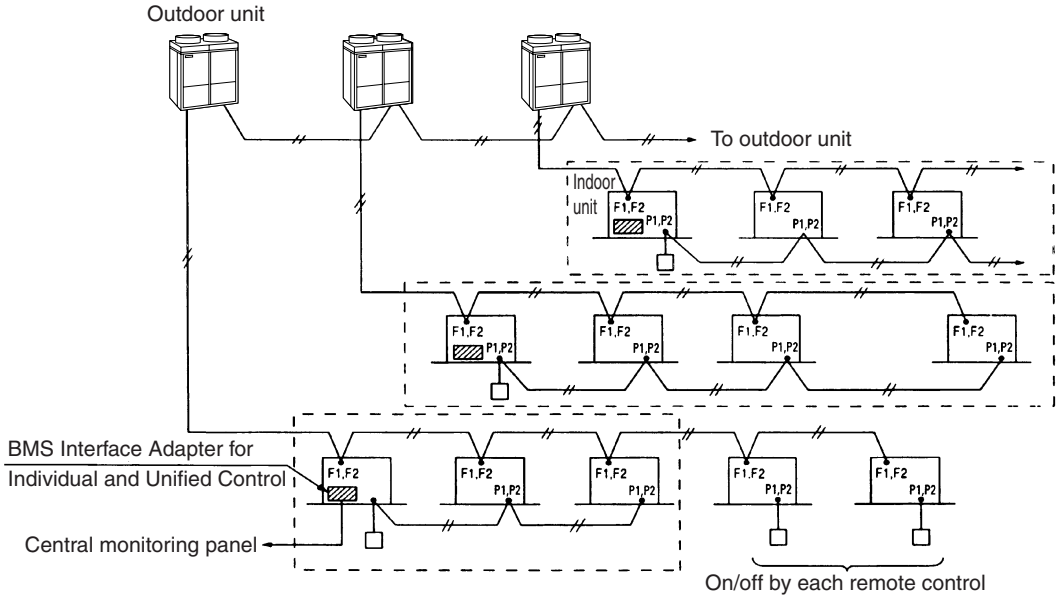
Notes:

1. This adapter cannot be used together with central control equipment and data station.
2. The model of adapter differs according to the type of indoor unit to be installed.

2.2.2 Applied Model

Applied Model		Remark	Applied Model	Remark	Note
UM Systems	MA1 Series	○	Room Air-Conditioner	×	
	MX1 Series	○	Other Air-Conditioner	×	
	ME1 Series	○			
	US Series	○			

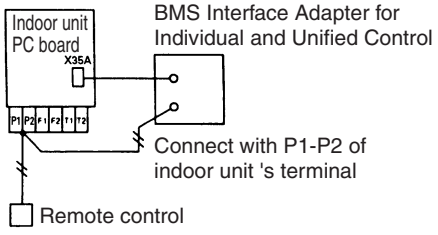
2.2.3 System Configuration



Notes:

1. Marked ▨ shows wiring adapter for electrical appendices.
2. Marked ⬚ indicates the same control range.
3. The wiring adapter for electrical appendices (2) can control simultaneously the group of the units (Max. 16 units) connected to the remote control wiring line (P1, P2). In other words, all the units connected between P1 and P2 terminal have the same control.

- Point of wiring



2.3 KRP2A61·62 BMS Interface Adapter for Unified Group

2.3.1 Outline / Features

This is an interface adapter required if the indoor is connected to the central monitor panel. By installing this adapter in the indoor unit, it enables you have various kind of remote control (ON/OFF control, temperature setting, display of operation/malfunction). However, since this adapter is connected to the central control line, all the indoor units connected to the central control line (F1, F2) have to be controlled simultaneously.

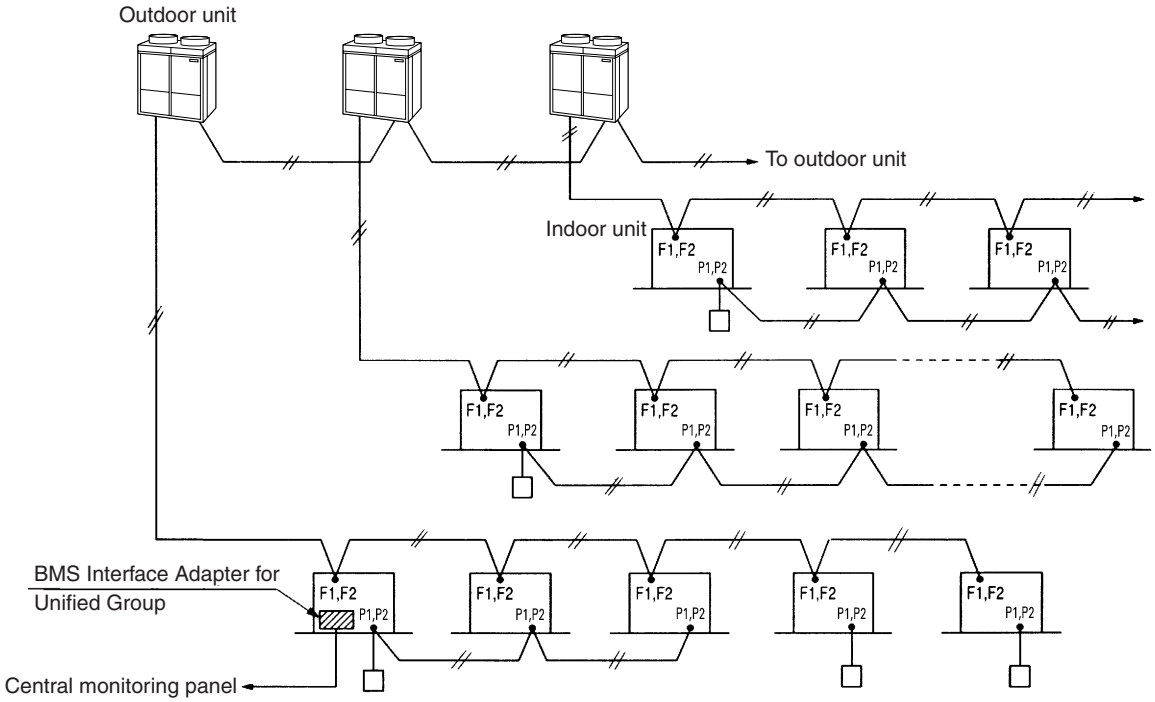
Notes:

1. This adapter cannot be used in conjunction with the central control equipment or the data station.
2. The model of adapter differs depending on the model of indoor unit.
3. Up to 64 indoor units can be controlled.

2.3.2 Applied Model

Applied model			Remark	Applied model		Remark
UM systems	MA1 series	○		Room air-conditioner	○	Wiring adapter for other air-conditioning is required for each indoor unit.
	MX1 series	○		Other air-conditioner	×	
	ME1 series	○				
	US series	○	BMS Interface adapter for individual or unified control is required for each indoor unit.			

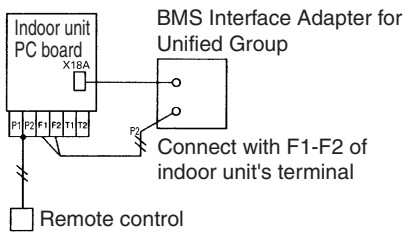
2.3.3 System Configuration



Notes:

1. Marked with ▨ shows the wiring adapter for electrical appendices (1).
2. This adapter controls collectively all the indoor unit connected to the central control line (F1, F2). In other words, all the indoor unit has the same operation control through this adapter from the central monitoring panel.
3. If you want to have a group control the above indoor units, remove the wiring between the outdoor units and install the wiring adapter for electrical appendices for each group.

- Point of wiring



17

2.4 KRP1B61·2·3 Wiring adapter

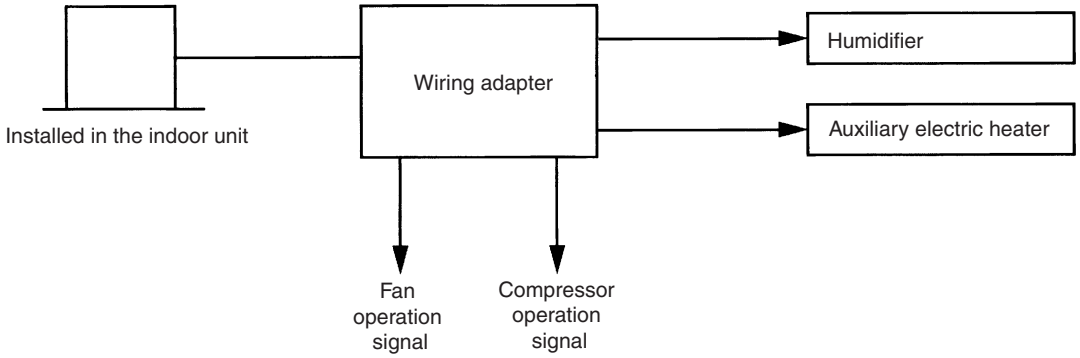
2.4.1 Outline / Features

This adapter is required one for each indoor unit when you install the auxiliary electric heater, the humidifier and the fresh-air intake kit.
This adapter also can output the signal of the compressor operation/fan operation.

2.4.2 Applied Model

- All the indoor unit of UM and US series.
  (The type of adapter differs depending on the model of indoor unit. For details, refer to the last item of this section.)

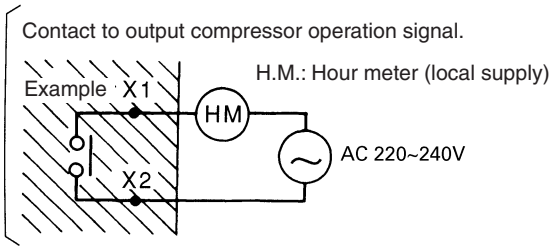
2.4.3 System Configuration

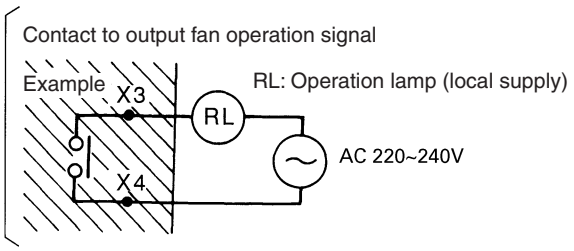


2.4.4 Description of Functions

1. Compressor operation signal
Outputs the compressor operation/stop signal by detecting the thermostat ON/OFF signal from each indoor unit.
(No voltage normally open contact, “ON” when thermostat is ON.)
2. Fan operation signal
Outputs the fan operation/stop signal from each indoor unit.
(No voltage normally open contact, “ON” when fan operates.)
3. Attachment of auxiliary heater and humidifier
Requires one adapter for each indoor unit when these options are to be installed.

2.4.5 Operation Display Signal





Specifications are subject to change without notice for further improvement.

Panasonic

SERIAL NO. EUUMED03001
Printed in Japan