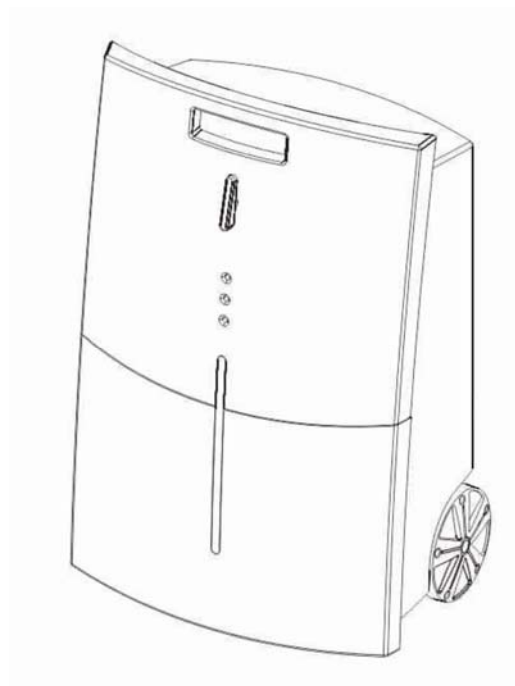




SERVICE MANUAL

NARCISO 12



Important points on service, and operating safety, with a flow-chart for inspection and repair.....	1
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This manual is for the use of technical personnel entrusted with maintenance.
Widetech reserves the right to change this dehumidifier's casing, circuit and parts without notice.

IMPORTANT POINTS ON SERVICE OPERATING SAFETY

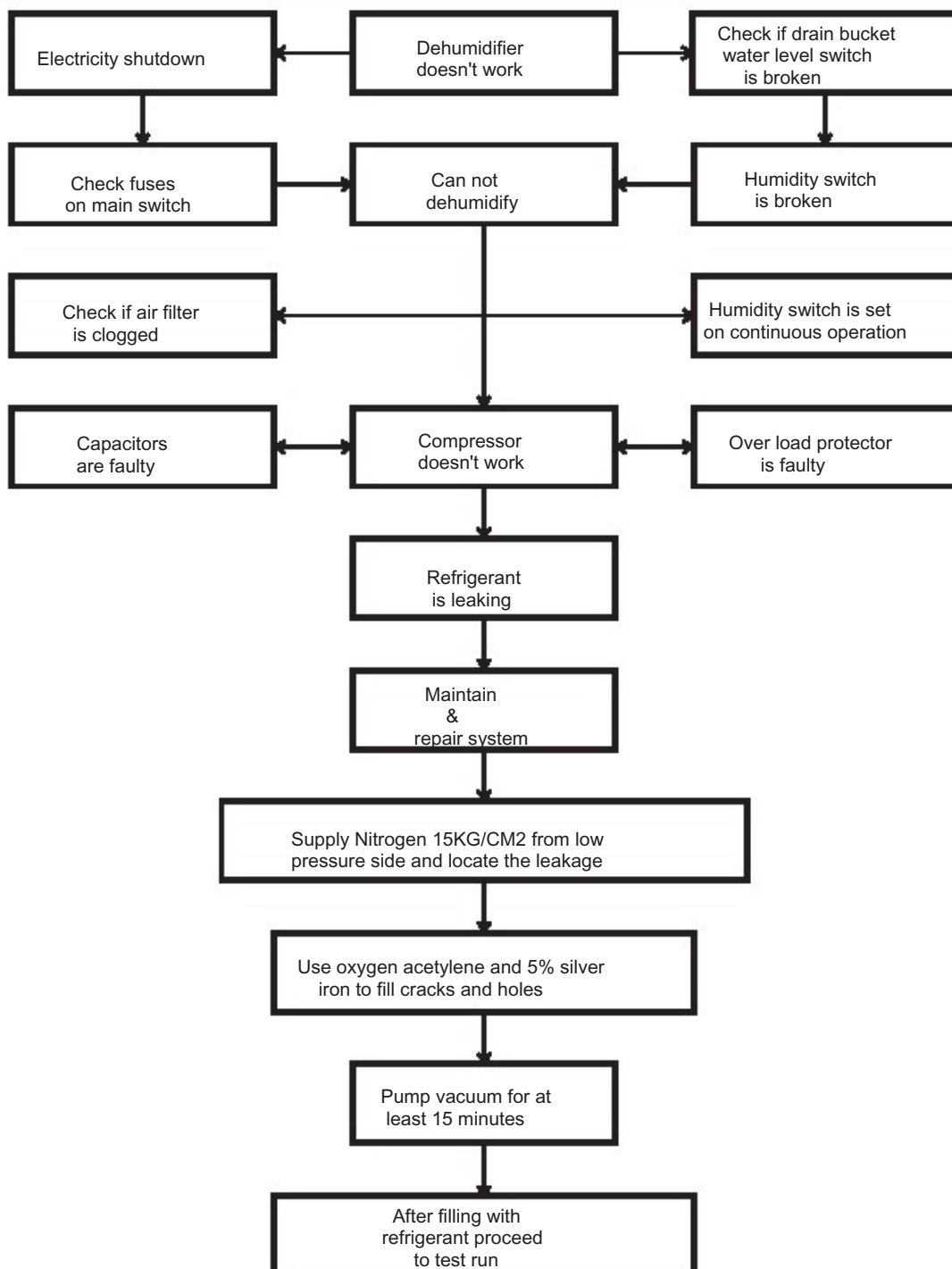
Please follow these instructions carefully:

- Unplug the unit to avoid any danger from electric shock before disassembling the unit for repair.
 - If there is any sound of the refrigerant circulating when in operation, avoid touching the cooling coils.
 - If you need to perform any welding or soldering, be sure you are in a well ventilated area.

 - Only a qualified professional should perform any welding on the unit.
 - When repairing the unit, the specifications listed in this manual must be strictly adhered to when replacing any components.
 - When replacing any electrical components they should be factory approved units.

 - Be sure that any electrical components are properly wired and in place.
-

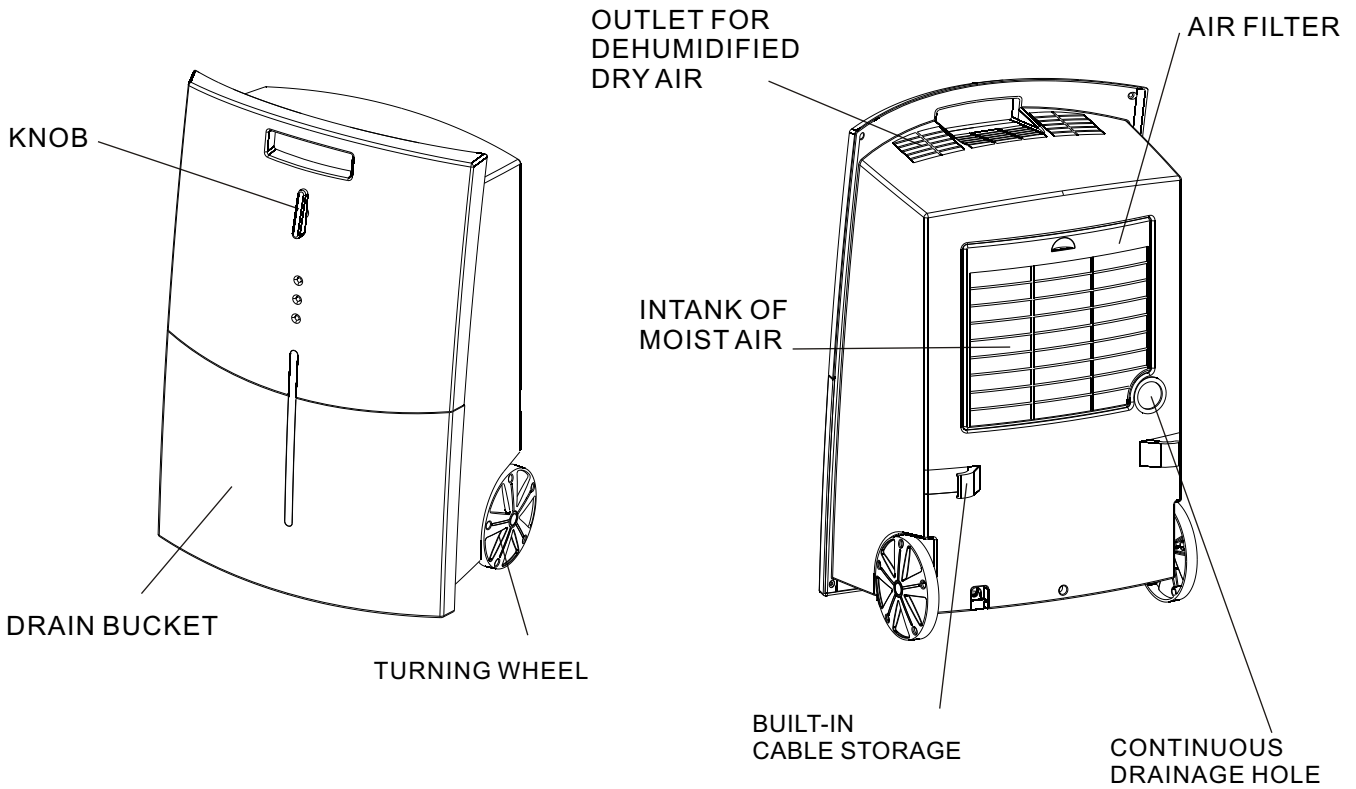
FLOW CHART FOR INSPECTING AND REPAIRING THE UNIT



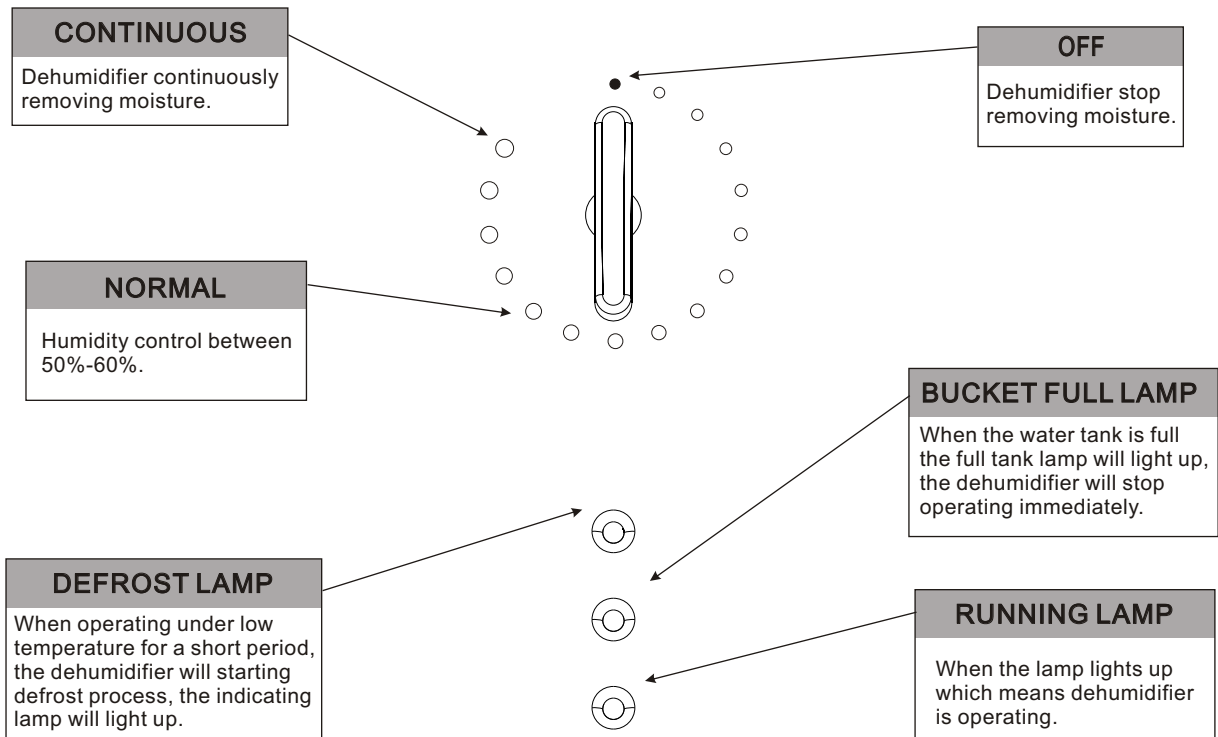
TROUBLESHOOTING

Problem	Possible causes	Solution
Dehumidifier doesn't work	Electricity shutdown or low voltage	Wait for electricity to be restored
	Bad plug or a wire is broken	Repair or replace
Fan doesn't work	Motor is broken	Repair or replace
Compressor doesn't work	Low voltage	Call the local electricity company
	Still under the 3 min. protection function after 3 min.work	Wait until it goes back to work
	Compressor is broken	Repair or replace
Can not dehumidify or the dehumidification volume is too low	Filter is dirty	Clean filter
	Refrigerant is leaking	Detect the leakage and fill with refrigerant.
	Low temp. and humidity	Normal
Loud noise and vibration	Uneven floor	Move to level place or use blocks
	Motor or compressor is loose	Tighten screws
	Sound of flowing water	Normal, it is the sound when the refrigerant is flowing
Evaporator is frosted	Filter is too dirty	Clean filter
	Environment temp.is too low	Stop use temporarily
Dehumidification water overflows	Drain bucket is broken	Repair or replace
	Minor-moving switch is broken	Repair or replace

APPEARANCE



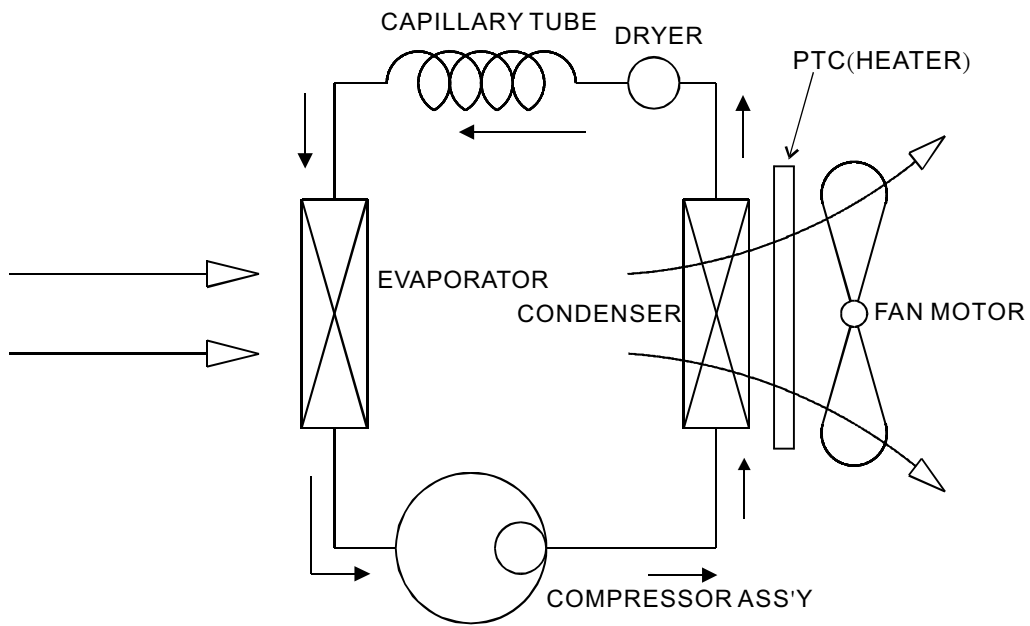
FUNCTIONS



TECHNICAL SPECIFICATIONS

ITEM		UNIT	NARCISO 12
DEHUMIDIFYING CAPACITY		L/day	12 (at 30°C , 80%RH)
POWER SOURCE		V/Hz	220-240V/50Hz
NOISE		dB(A)	41
POWER INPUT		W	260
CURRENT		A	1.13
WIRE SPECIFICATION			PHP-206,16A 250V H05VV-F VDE 3G0.75mm ²
DIMENSIONS		Mm	405W*632H*290D
WEIGHT (Net)		Kg	13.5
COMPRESSOR ASS Y	MODEL		35D020-B1-AADM
	CURRENT	A	1.06
	POWER INPUT	W	233
FAN MOTOR	MODEL		LS-16D1-01
	POWER INPUT	W	30
HEAT EXCHANGER UNIT	EVAPORATOR	RxSxFPIxW	2R8S19FPI x 25.4mm
	CONDENSER	RxSxFPIxW	1R8S21FPI x 12.7mm
REFRIGERANT		R-134a/g	150
CAPILLARY		mm	D2.2 x d1.2 xL1000
COMP O. L. P			MRA12279-12095
Capacitor		μ F / V	8 / 450
WATER TANK CAPACITY		L	5.2

REFRIGERATOR SYSTEM DIAGRAM



SCHEMATIC WIRING DIAGRAM

