



LOW TEMPERATURE DEHUMIDIFIER

DES 80

OWNER'S MANUAL



THANK YOU!

Thank you for choosing this elegant Amcor low temperature dehumidifier. For over 50 years, Amcor has specialised in complete indoor environment control, manufacturing: dehumidifiers, portable air conditioners, coolers, air purifiers / ionisers and aromatherapy products. These world-class products incorporate the latest technological developments and are designed to create a quality environment.

For safety reasons, read this manual carefully before operating.

Persons who are not familiar with this manual should not use this dehumidifier. We strongly recommend keeping this manual in a safe place for future reference.

HOW IT WORKS

This is a compressor free dehumidifier which operates without refrigerant. It has an almost consistent rate of water extraction at all temperatures and is more efficient than compressor based dehumidifiers when used at temperatures below 15°C. The unit should be located centrally in the home or in the area where there is a major damp problem.

Damp air from the environment is drawn through the unit where it comes into contact with a chemically impregnated rotating wheel. The chemical on the wheel removes the moisture from the air and warmer, drier air is put back into the room. As the wheel rotates to a different position the heater drives the water from the chemical and the water is collected in the removable water tank.

As the heater is running continuously within the unit, it heats the air as it dries it, thus warming the home.

SAFETY FIRST

This appliance must be earthed and should only be connected to an earthed 230V/ 50 Hz mains. The installation must be in accordance with the regulations of the country where the unit is used. See next page.

The unit is designated for indoor operation.

- Operate this unit on a flat horizontal surface to avoid water leak.
- The unit contains a chemical substance. The unit will emit a chemical smell during the first hours of operation without any dangerous consequences.
- The unit contains a heater and must not be placed within 1 metre of anything that may be flammable.
- Disconnect from the mains before cleaning the unit or any of its components, or moving the unit.
- STOP the unit with the power button and ensure the fan has stopped before disconnecting from the mains. This allows the heater to cool.
- The unit features an anti-tip safety device that will switch the unit off if it is tipped whilst operating.

WARNING:

This appliance must be earthed.

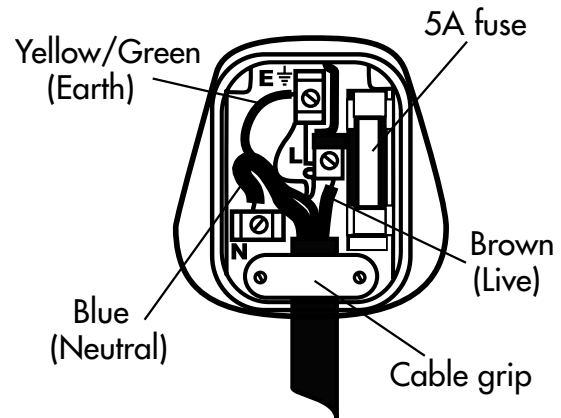
For voltage and power input refer to the rating plate.

Your dehumidifier is supplied with an electrical cable and an earthed plug. Should it be necessary to replace this plug at any time, you must use an earthed electrical plug as shown.

If the attached plug is unsuitable cut it off and throw it away.

NEVER insert the severed plug into an electrical socket or outlet. Never use the plug without the fuse cover fitted in place. The replacement fuse is 5 Amps and should conform to BS1362.

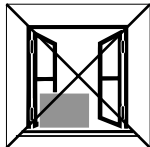
Check the wiring instruction and diagram while refitting a plug. The wires of the cable are colour coded in accordance with the standard electrical code.



The BLUE (Neutral) wire should be connected to the terminal in the plug marked N or coloured black.

The BROWN (Live) wire should be connected to the terminal in the plug marked L or coloured red. The YELLOW/GREEN (Earth) wire should be connected to the plug marked E or coloured green.

DO NOT USE YOUR DEHUMIDIFIER UNDER THE FOLLOWING CONDITIONS



Exposed to the weather outdoors



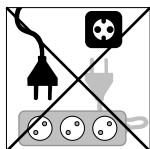
Near water



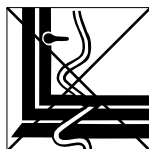
If the power cable wires are frayed or cut



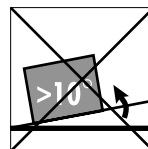
Where small children may be left unattended



If an extension lead may become overloaded



Where the power cable may be damaged



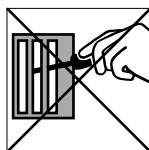
On a slope or uneven surface



Where there is risk of fire or close to a naked flame



Where it may be damaged by chemicals



Where there is a risk of interference by foreign objects

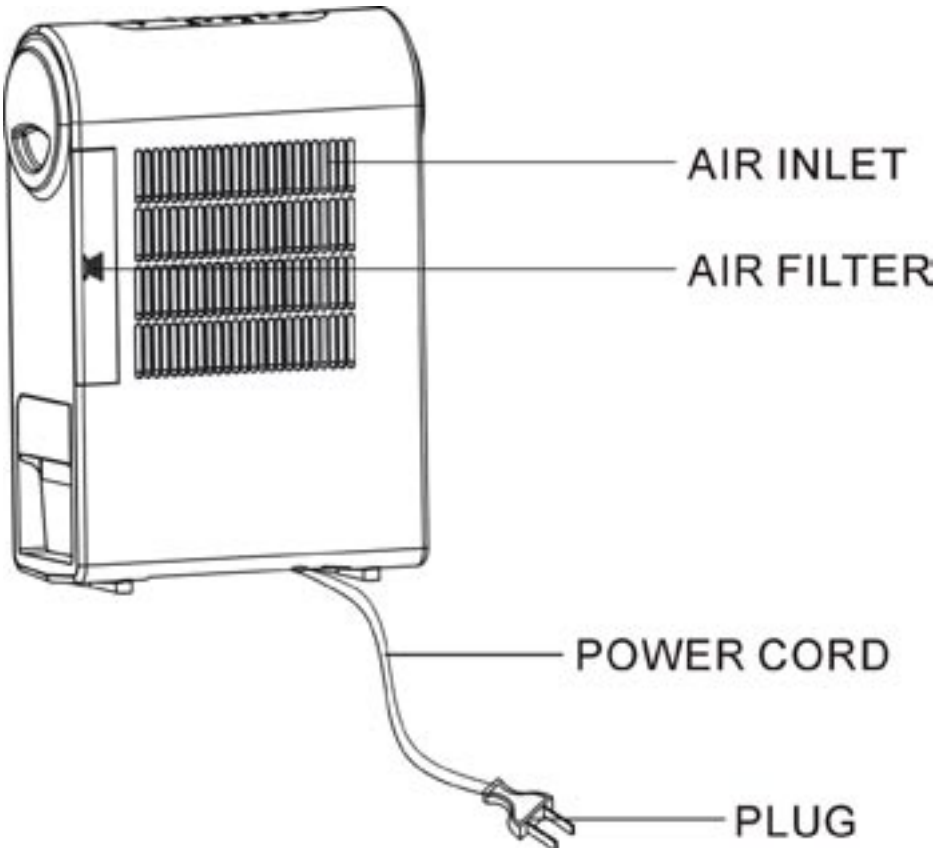
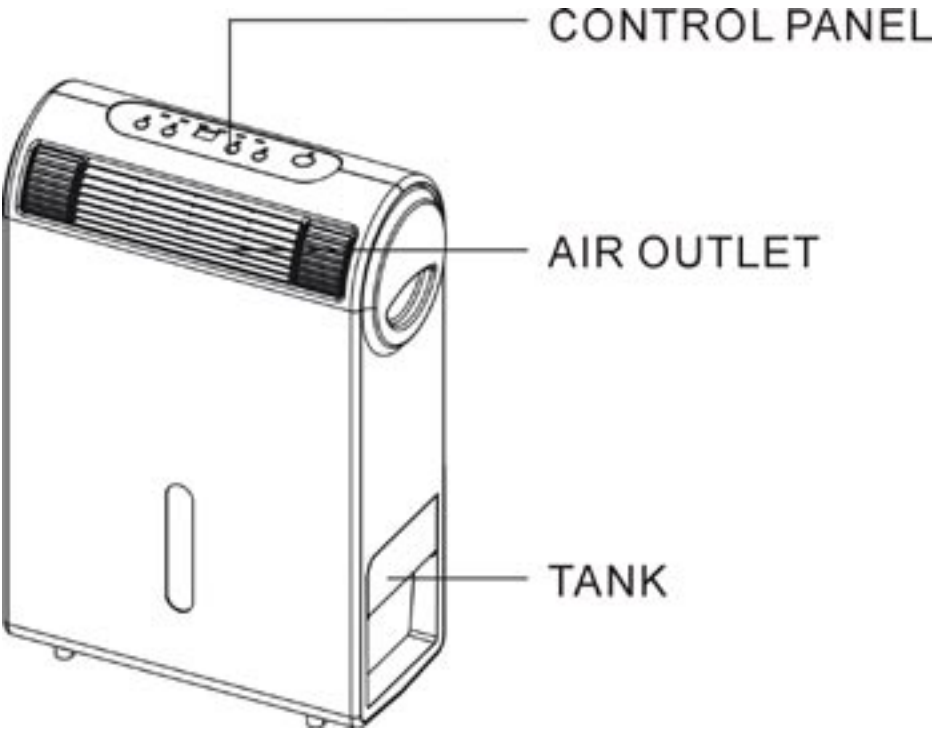


This product is not made for DIY repair

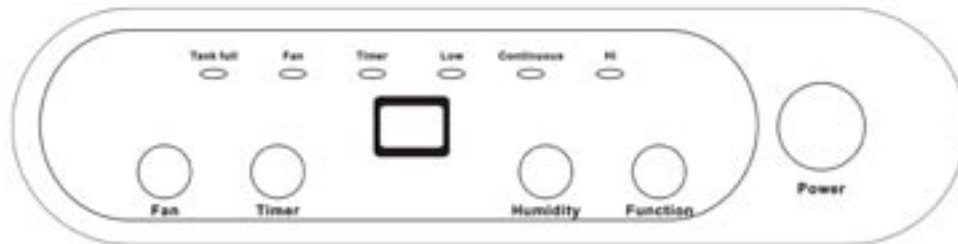


If there is a risk of water falling on the unit

PARTS IDENTIFICATION



CONTROL PANEL



Operation

Starting the unit

1. Insert the plug into the mains socket.
2. Press the “Power” button

Function

The “Function” key allows you to select Hi or Continuous or Low mode.

- 1). Hi
Fan on high speed
- 2). Continuous
Fan on high speed
The unit will run and perform continuous dehumidification
- 3). Low
Fan with low speed

Switching off the unit

Press the “Power” button

The lights will turn off

The fan motor will continue running for 2 minutes to cool the heater

IMPORTANT

- After switching off the unit, wait at least 2 minutes before switching off the power at the mains. This allows the heater to cool.
- Operate this unit on a flat horizontal surface to avoid water leaks.
- Do not operate the unit without the AIR FILTER.
- When water tank is full, the alarm will beep 3 times. The tank full light will glow and the unit will shut off until the tank is emptied and re-installed.
- The operational temperature range for this unit is 1-35 °C.
- Water extraction will vary slightly at low temperature/humidity and the operation mode.
- If the unit is tipped during operation, it will stop automatically and beep ten times. After repositioning the unit upright, press the “Power” button to re-start the dehumidifier.

Timer programming

Setting Timer-Off when the unit is running

- Press the “Timer” button
The LED indicates “0”
- Press the “Timer” button to advance 1 hour (From 0, 1, 2 - 24 hours in a cyclic mode). If the display shows “5”, it means that unit will turn off automatically after five hours.

If the timer-off is set, pressing the “Power” button will turn off the unit immediately and the timer setting value will be cancelled automatically.

IMPORTANT

- When the water tank is full, the timer setting value will be cancelled automatically.
- For safety reasons, if the appliance continues running for 36 hours, it will turn off automatically.

Setting the Humidity level

- Press the “Humidity” button
The LED display shows the pre-set humidity level (60%).
- Press the “Humidity” button to advance 5% (60% to 65%, 65% to 70%, 70% to 75% ... in a cyclic mode, the humidity setting can be from 40% to 80%).

After the humidity level is set, the display will show the actual humidity level in the room.

Fan function

When pushing the “Fan” function button, the unit will temporary terminate the dehumidification function, but the function of “Fan” and “Timer” will still be operational.

IMPORTANT

- When the unit is running the room temperature will rise slightly (5-10°C).
- Water will start flowing into the water tank after 10-20 minutes of unit operation.
- Water extraction will vary slightly according to temperature / humidity and the operation mode.

TROUBLESHOOTING

<p>The unit does not function</p>	<ul style="list-style-type: none"> • Check that the fuse in the plug is ok. • Check the plug is inserted in mains and mains power is on. • Is tank full light on? Check water tank and empty if necessary. • Check if the float of the water tank is blocked by foreign material. Is the float of water tank correctly positioned? • Is the unit standing upright and level?
<p>Abnormal noises from the motor</p>	<ul style="list-style-type: none"> • Check and clean the air filter • Is the unit standing upright and on a level surface?
<p>The unit leaks water</p>	<ul style="list-style-type: none"> • Has the unit been tipped? • Check if the float of the water tank is blocked by foreign material.
<p>Changes in temperature at the air outlet</p>	<ul style="list-style-type: none"> • Is the unit on “Standby” or “Normal” operation status? • The internal heater of the appliance will be switched on/off automatically.
<p>After the unit has been switched off, the fan motor is still running</p>	<ul style="list-style-type: none"> • After the unit stops, about two minutes are needed to cool down the electric heater by running the internal fan.
<p>The water tank was not properly inserted into the unit</p>	<ul style="list-style-type: none"> • Make sure to insert the water tank in its right position. • Is the float of the water tank correctly positioned?

Please turn off immediately the power when the unit emits strange noises, odours, etc.

Unplug the cord and contact the Amcor service department.

SPECIFICATIONS

Model	DES 80
Power Supply	230V~50Hz
Power Consumption	720W
Running Current	3.1A
Dimensions (W X H X D)	416 X 600 X 190 mm
Net Weight	9 KG
Operational Temp. Range	1°C-35°C
Safety Device	unit tilt switch Overheat Protector

DISPOSAL

Product complies with Directive 2002/96/EC, and cannot be disposed of as unsorted municipal waste.

This product must be returned to the appropriate collection facility, as specified by your local council .





YOUR GUARANTEE

PORTABLE DEHUMIDIFIER

If this product is found to be defective as a result of faulty materials or workmanship within one year from date of purchase, it will be repaired or replaced free of charge.

This guarantee is subject to the following terms:

Amcor Limited must be notified of the fault.

Proof of purchase must be presented to Amcor's nominated representative.

The warranty will be void if the product is modified, misused or repaired by an unauthorised person.

The guarantee does not cover accidental damage, misuse, or consumable items such as filters.

The guarantee after repair or replacement will not be extended beyond the original one-year period.

All replacement parts or units will be new or reconditioned.

Parts or units, which are replaced, become the property of Amcor Limited.

Amcor Limited disclaims any liability for incidental or consequential damages.

The warranty applies to the domestic use of the product in mainland U.K.

This GUARANTEE is in addition to your Statutory Rights.



Creating Quality Environments

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