



# **Rotary Desiccant Dehumidifier**

**Model DD822**



## **INSTRUCTION MANUAL**

**SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE**

# GENERAL INFORMATION

## Packaging

Please DO NOT dispose of any packaging until you have checked the appliance is operational.

After removing the packaging ensure the contents are intact and complete.

In the unlikely event of missing parts; contact your retailer.

**DO NOT** leave children unattended with any of the packaging since it is a potential source of danger. Disposal of all packaging must be carried out responsibly & safely and in accordance with your local authority regulations.

ALWAYS recycle the packaging material where possible.

**When using any electrically powered product, basic safety precautions should always be followed.**

**PLEASE READ THE INSTRUCTIONS CAREFULLY & IN FULL BEFORE USING THE PRODUCT.**

# GENERAL INFORMATION

## Features of Desiccant Technology

The desiccant dehumidifier is intended for household use only. Do not use this appliance outdoors or on a wet surface.

The desiccant dehumidifier is designed to provide an optimum operating performance between 1°C and 37°C. To achieve maximum efficiency, keep doors and windows closed.

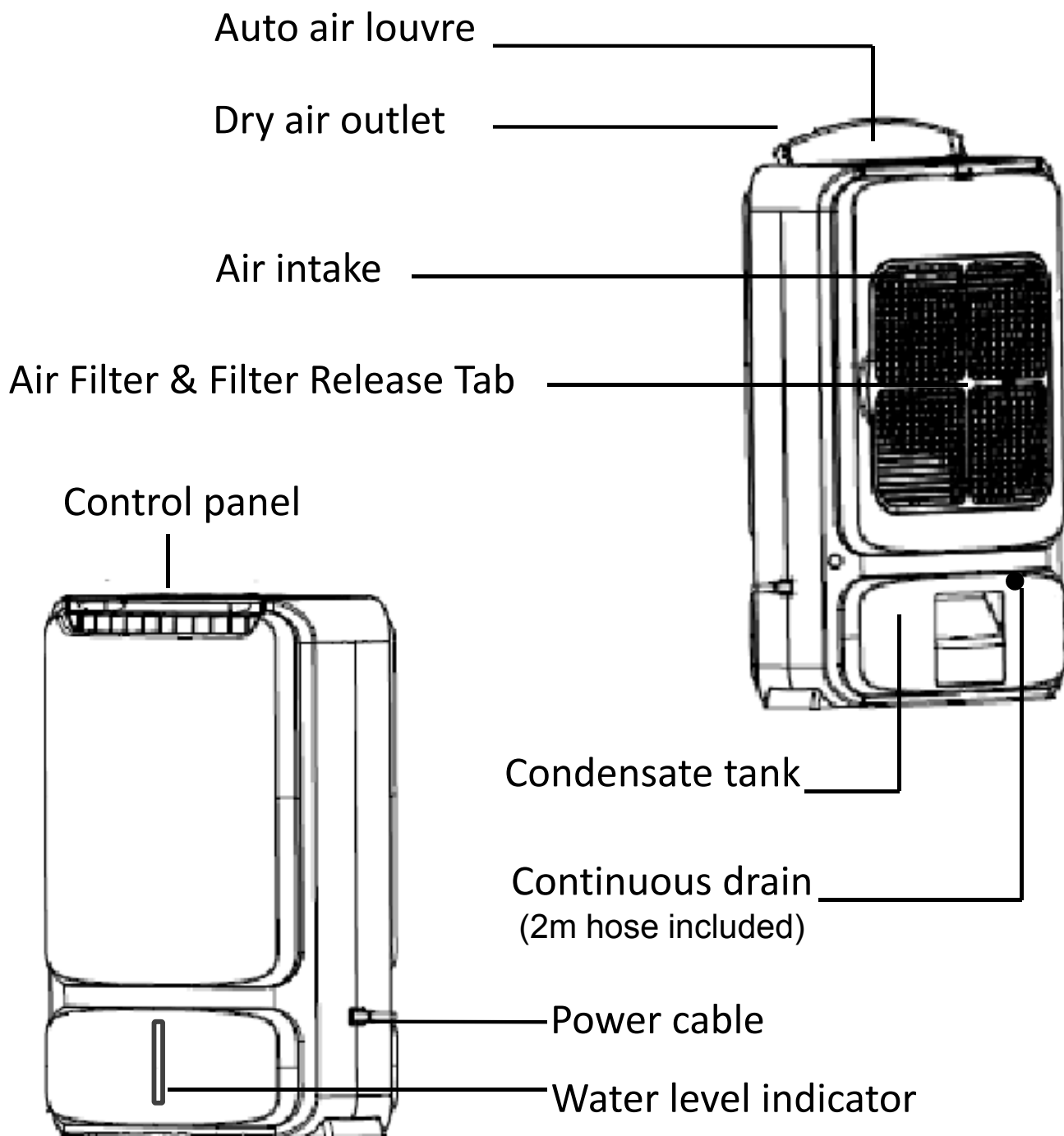
When first used or periodically afterwards, you may experience an odour from the dehumidifier which is caused by the Zeolite desiccant material. This odour is not harmful and does not indicate a faulty appliance.

# IMPORTANT INSTRUCTIONS

**WARNING - to reduce the risk of fire, electrical shock or injury to persons or property:**

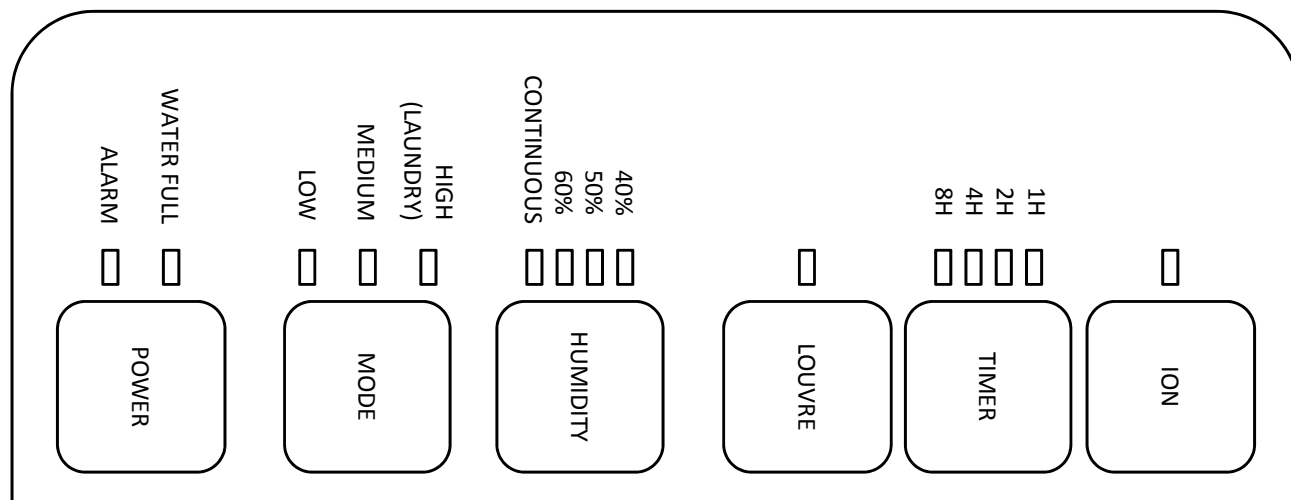
1. Always operate the product from a power source of the same voltage, frequency and rating as indicated on the product identification plate.
2. Close supervision is necessary when any appliance is used by or near Children, the elderly or the infirm. Do not allow children to use the appliance as a toy
3. Do not operate the appliance with a damaged power cord or plug, or after the appliance malfunctions, or is dropped or appears damaged in any way. Return the complete appliance to the place of purchase for inspection, repair or replacement.
4. To reduce the risk of electric shock, do not expose the appliance or power cord to moisture of any sort.
5. Do not operate the appliance near flammable materials or fire.
6. Switch off and unplug from the power socket when not in use, before assembling or before cleaning.
7. Do not place objects on the appliance or allow objects to obstruct the inlet or outlet openings, or operate in close proximity to walls or curtains, etc.
8. The use of attachments or accessories not recommended or sold by the product distributor may cause injury to persons or damage to property.
9. This appliance is intended for normal domestic/household use only.
10. Do not attempt to disassemble the appliance.
11. Do not operate the appliance on a metal surface.
12. Do not use the appliance in artificially hot or humid conditions or allow to be used in a hazardous environment.
13. Do not clean the appliance with organic solvent.
14. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
15. Children should not be left unsupervised with the appliance.
16. This instruction manual is an integral part of the appliance and should be stored for safe keeping and must always accompany the appliance in the event of ownership transfer or for reference to by a service engineer.

# PRODUCT DESCRIPTION



**DO NOT OBSTRUCT THE AIR INLET OR OUTLET**

# CONTROL PANEL & OPERATING INSTRUCTIONS

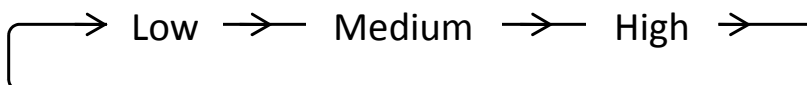


## POWER:

Press to switch the appliance ON (3 beeps will sound). Press again to switch the appliance OFF.

## MODE:

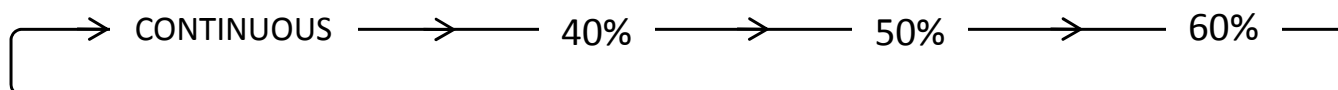
'M' mode is set when the appliance is switched ON. Press the mode button to control the fan speed through the sequence below. Low, Medium, High(Laundry). The corresponding LED will illuminate on the control panel and side panel.



## HUMIDITY:

Continuous operation is set when the appliance is first switched ON. To change the required relative humidity press the HUMIDITY button through the sequence below. The corresponding LED will illuminate.

Note: Humidity selection applies to Low and Medium mode. High(Laundry) mode automatically selects CONTINUOUS operation.



# OPERATING INSTRUCTIONS continued

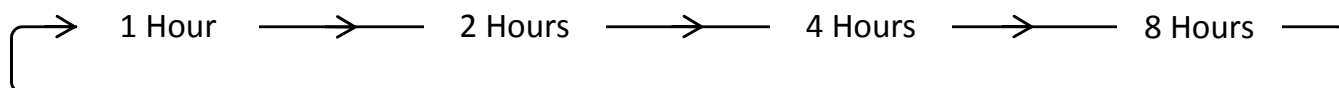
In CONTINUOUS operation the desiccant wheel will operate to remove ALL moisture present in the air & fabric of the building. At 40%, 50% & 60% the appliance will operate to achieve the set humidity. Once achieved, the desiccant wheel will stop operating until the relative humidity rises above the set humidity. Please note that the fan will continue to run at all times.

## **LOUVRE:**

The louvre automatically turns to the upright position when the appliance is first turned ON. Press once and the air louvre will move from 90° upright position to 45° to aid clothes drying; the louvre LED will illuminate. Press again and the air louvre will return to the 90° angle and the LOUVRE LED turns off .

## **TIMER:**

Press the TIMER button through the sequence below.



Press the TIMER button to set running hours (1, 2, 4 or 8 hours). When the timer is set the corresponding LED will illuminate displaying the time setting.

## **ION:**

Ionizers use electricity to create negative electrons. These electrons stream into the air and attract oxygen molecules. At this point, they become negative ions and are attracted to airborne particles. These molecules build up around the particles until they become too heavy to remain air borne and float to the ground.

## **ALARM:**

The alarm will sound and the ALARM LED will illuminate if a malfunction is detected. The appliance will shut down automatically if the internal temperature is too high. Disconnect the appliance from the mains socket outlet and wait for 15 minutes before re-connecting the appliance to the mains socket outlet and continuing with normal operation. If the alarm fault continues contact your authorised service agent immediately for further advice.

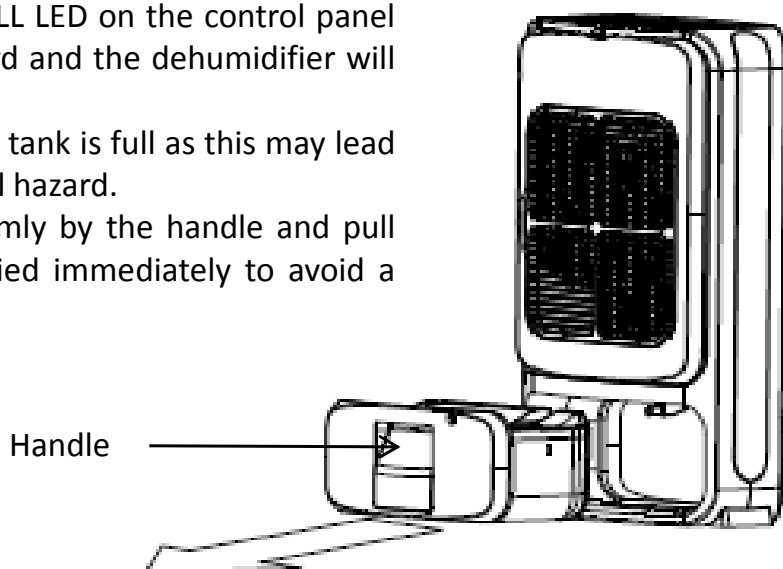
# OPERATING INSTRUCTIONS

## Emptying the Condensate Tank

When the tank is FULL the WATER FULL LED on the control panel will illuminate, 10 'beeps' will be heard and the dehumidifier will stop operating.

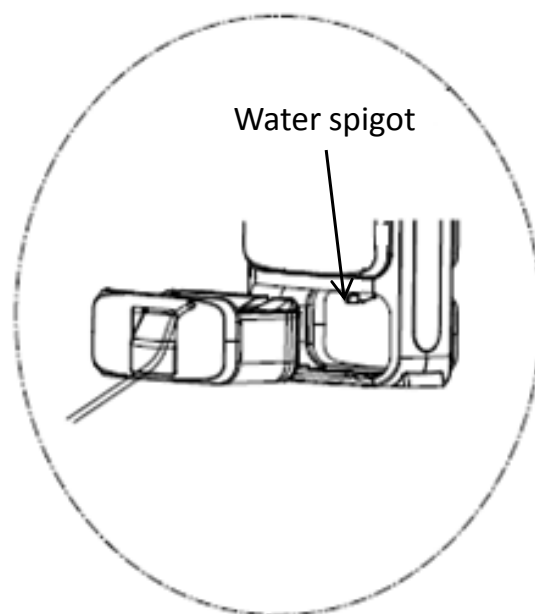
DO NOT move the appliance while the tank is full as this may lead to water spillage and create a potential hazard.

To remove the tank, grip the tank firmly by the handle and pull outwards. Any spillage should be dried immediately to avoid a potential hazard.



## Continuous Drain Option

1. Ensure the appliance is unplugged from the power supply socket.
2. Remove the condensate tank.
3. Feed the flexible drain pipe through the condensate tank apertures and attach to the water spigot.
4. Return the condensate tank back into the appliance taking care not to dislodge or kink the flexible hose.
5. To ensure the condensate water drains away correctly; no part of the drain hose must be above the water spigot height.





# FILTER MAINTENANCE

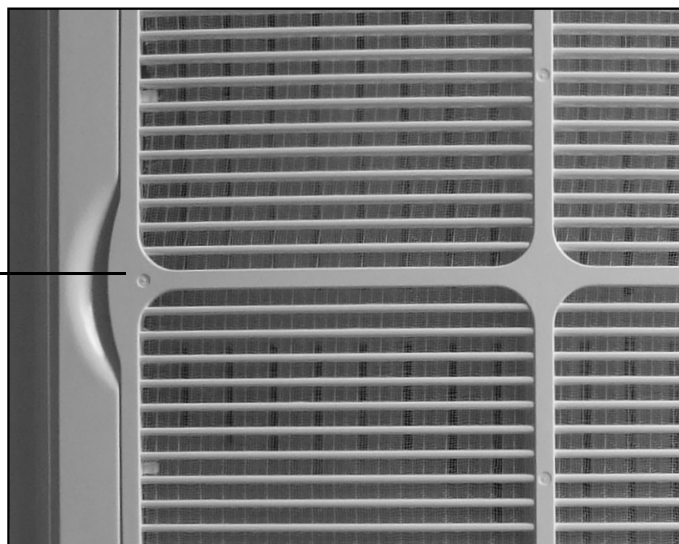
Turn the appliance OFF and ensure the appliance is disconnected from the mains power outlet.

Remove the filter located at the back of the appliance by pulling the filter tab and slide out.

Clean the filter using clean water and allow to dry. Alternatively, clean using a vacuum cleaner.

Refit the clean filter into the appliance.

Filter tab



# SAEFETY FEATURES

## **POWER FAILURE**

Once the power is restored after a power failure, the appliance will automatically restart at the selected settings prior to the power failure.

## **TURNING THE APPLIANCE OFF**

After turning the appliance OFF using the POWER button, the fan will continue to run for a short period of time. This is a normal procedure and helps to cool & protect the internal components.

During this period, DO NOT remove the appliance from the electrical socket outlet; wait for the fan to stop running.

## **THERMAL SAFETY PROTECTION**

This appliance is fitted with an internal heater as part of the dehumidification process. Should an overheat situation occur; the appliance will automatically power down. It is important that the air intake and air outlet are ALWAYS clear of obstructions to avoid the appliance overheating.

If the appliance shuts down due to thermal cut-out; disconnect from the mains socket outlet and wait for 15 minutes before re-connecting the appliance to the mains socket outlet and continuing with normal operation.

# TECHNICAL DATA

## BS Plug Wiring


Wiring Instructions: Should it be necessary to change the plug please note the wires in the mains lead are coloured in accordance with the following code:

**BLUE - NEUTRAL**


**BROWN - LIVE**

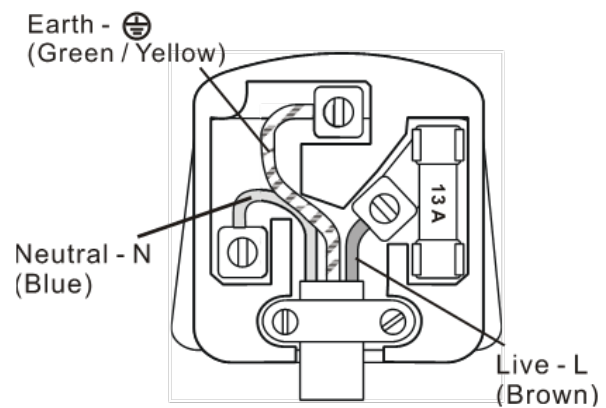
**GREEN/YELLOW - EARTH**

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

1. The **BLUE** wire is the **NEUTRAL** and must be connected to the terminal that is marked with the letter **N** or coloured **BLACK**.
  2. The **BROWN** wire is the **LIVE** and must be connected to the terminal that is marked with the letter **L** or coloured **RED**.
  3. Neither wire is to be connected to the terminal which is marked with the letter **E** or earth symbol , coloured **GREEN** or **GREEN/YELLOW**.
  4. Always ensure that the cord grip is positioned and fastened correctly.
- If a **13A (BS 1363)** fused plug is used it must be fitted with a **13A (BS 1362)** fuse. If in doubt consult a qualified electrician.

Wiring for a 13 Amp plug (BS 1363)

The Earth Terminal is marked with the letter E or Earth Symbol 



## TECHNICAL DATA

<b>Model No.</b>	<b>DD822</b>
<b>Power Supply</b>	230-240V~ 50Hz
<b>Maximum Power Consumption</b>	650 watts
<b>Extraction Rate</b>	8 litres per day
<b>Tank Volume</b>	2 litres
<b>Air Flow (Max)</b>	115 m <sup>3</sup> per hour
<b>Operating Temperature Range</b>	1 - 37°C
<b>Unit Dimensions (LxWxH)</b>	351mm x 180mm x 500mm
<b>Unit Weight</b>	6.3 kg



## GENERAL MAINTENANCE

- I. Ensure the appliance is switched OFF and the power cord is removed from the mains socket outlet .
- II. Use a soft moist cloth to remove dirt & dust and wipe dry .
- III. DO NOT use detergents, chemicals or solvents to aid cleaning.
- IV. Store the heater in its original packaging in a well ventilated, dry place.
- V. Repairs should only be carried out by a qualified service agent.
- VI. DO NOT modify the appliance or use in a manor not originally intended.

# WARRANTY



## ONE (1) YEAR LIMITED WARRANTY

Retain this warranty information

ELA undertakes to replace or repair at its discretion goods (excluding batteries) should they become defective within one year solely as a result of faulty materials & workmanship.

If the product has not been operated, maintained or if any attempt has been made to rectify, dismantle or alter the appliance in any way the warranty will be invalidated.

If the unlikely event of a fault, the appliance must be returned to the point of sale with proof of purchase and a FULL description of the fault.

**In the unlikely event of a problem, please contact our help desk on  
01588 620126**

This product has been manufactured to comply with EEC directives 73/23/EEC & 89/336/EEC



Electrical products should not be disposed of with general household waste. Please recycle where facilities exist.

For more information on disposal contact your local authority.