



# 60L DEHUMIDIFIER

Safety & Operating Instructions

Model: ORA-DH60



**WARNING! TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR PERSONAL INJURY, READ ALL THE INSTRUCTIONS BEFORE USING THIS DEHUMIDIFIER, AND FOLLOW THE INSTRUCTIONS!**

## **BE SURE TO SAVE THIS MANUAL FOR FUTURE REFERENCE**

Thank you for purchasing this 60L Dehumidifier from ora. It has been designed to ensure safety, reliability and ease of use.

It can be used in two ways, either with a continual drain or with the internal 6L tank. The unit has two fan settings to help you achieve your optimum environment.

**CAUTION:** Keep this instruction manual safe for future reference, and the box for storage when not in use.

Please read the instructions manual carefully before use to avoid serious injury and ensure you gain optimal use from the unit.

## **GENERAL INFORMATION**

By using the ora Dehumidifier you can control humidity within your room. With its in built control panel you can either pre-set the desired RH (relative humidity) up to 80% or have it running continuously.

## IMPORTANT INSTRUCTIONS

When using the ora 60L Dehumidifier basic electrical safety precautions should always be followed.

**WARNING: To avoid the risk of electrical shock, fire or injury to person, always make sure the product is unplugged from the electrical outlet before relocating, servicing, or cleaning it.**

- Use this dehumidifier only as described in this manual. Anything outside the guidelines is not recommended and may cause fire, electric shock or injury to persons
- Ensure all packaging is removed prior to use
- **DO NOT COVER**
- Check the power cord and plug regularly for damage. If the power cord or plug is damaged, **DO NOT** use
- Ensure that the voltage used corresponds to the voltage indicated in the rating plate on the base of the unit
- **DO NOT** allow the power cord to touch hot surfaces and **DO NOT** place near hot gas or electric burners
- Place the dehumidifier on a flat level surface away from direct sunlight
- If using on the permanent drainage, ensure the hose is not bent and the water can flow unhindered
- **DO NOT** use when the temperatures are very low, and the water could freeze
- **DO NOT** tilt or tip the unit or attempt to empty when in operation
- To protect against electrical shock, **DO NOT** immerse unit, plug or cord in water or other liquids
- Turn the unit off when moving to another location and before cleaning
- The use of an RCD (Residential Current Device) and surge protector is highly recommended with this product
- Place the unit at least 50cm from a back wall and 30cm from the side wall
- There are no serviceable parts in the product
- This product is not a toy

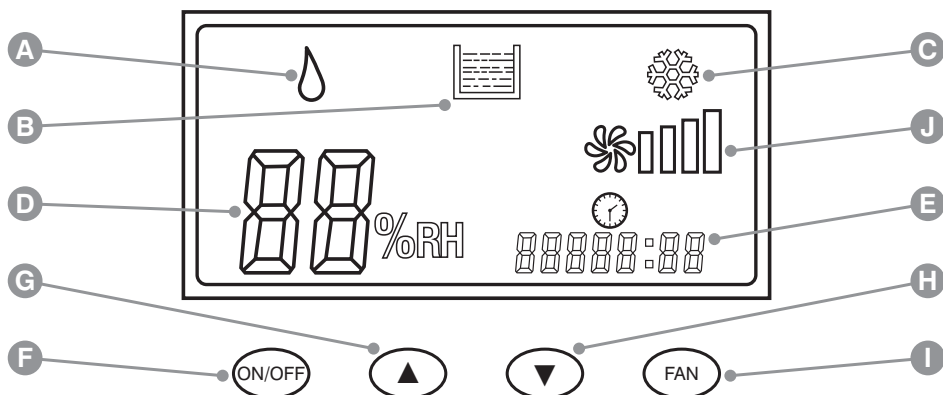
**IF THE HUMIDITY OF THE AREA IS LESS THAN 30% THE USE OF THE DEHUMIDIFIER IS NOT RECOMMENDED**

## PARTS DESCRIPTION



## DISPLAY DESCRIPTION

Please note the display only lights up when programming.



- |                                         |                              |
|-----------------------------------------|------------------------------|
| A. Dehumidification Mode                | F. On/Off Key                |
| B. Filling Level Indicator (water tank) | G. Rise Target Moisture Key  |
| C. Automatic Defrosting                 | H. Lower Target Moisture Key |
| D. Moisture Indicator                   | I. Set Speed                 |
| E. Operating Hours Counter              | J. Speed Display             |

## OPERATING INSTRUCTIONS

Connect the unit to mains power supply. Turn the unit on by pressing the "On/Off" button, an audible buzzer will sound.

The unit can be operated in two ways, react to humidity and turn on above a set humidity value, or it can be run continuously dehumidifying all the time.

To set the unit to dehumidify to a set point, press the ▲/▼ button and set the humidity that you require between 30% and 80% (once the value you want is shown on the screen wait 3 seconds for the value to be stored). The unit will now turn off if the humidity drops below the set point you have selected.

To run the unit continuously press the "▼" key, set to 30% and press the "▼" key one more time. The unit will now run the compressor the entire time the unit is on.

## FAN SPEED

You can change the speed of the internal fan. The faster the fan the more it will dehumidify. Press the fan button to toggle between fast and slow.

## CALIBRATION

To calibrate the “Moisture Indicator”, turn the unit off at the power supply. Reconnect the power and within 3 seconds press the “Fan” key. You will now be able to use the “▲/▼” keys to calibrate the humidity +20% to -15%.

## AUTOMATIC DEFROSTING FUNCTION

At low temperatures the device will start defrosting automatically. During this phase the cooling fan works. The automatic defrosting symbol and the fan key will flash.

## WATER COLLECTION TANK

If the tank is completely filled, the filling level indicator symbol will show on the screen. In addition, there will be an acoustic signal (for 5 seconds) and the device will stop dehumidifying.

## MAINTENANCE

- **DO NOT** clean whilst the unit is switched on. Turn off power and unplug unit
- **DO NOT** use cleaning detergents or chemicals to clean the tank or base
- Wipe the exterior of the body with a damp cloth
- **DO NOT** spray water or any liquid onto the controls or into any of the vents
- **DO NOT** clean with tools that have metal parts
- **DO NOT** leave water to sit in the tank for more than a couple days as it may cause bacterial growth

| Error Codes |                           |                                                                  |
|-------------|---------------------------|------------------------------------------------------------------|
| Error       | Cause                     | Solution                                                         |
| E1          | Coil Sensor Error         | Return for repair                                                |
| E2          | Moisture Sensor Error     | Return for repair                                                |
| E3          | Temperature Sensor Error  | Return for repair                                                |
| E4          | Hot and Cold System Error | Return for repair                                                |
| E5          | Room temperature Too High | Lower the room temperature and the unit will restart             |
| FU/PF       | Water Tank Error          | Ensure the tank is empty & check the tank is correctly installed |

## STORAGE

- When not in use, store in a cool dry location. To prevent dust and dirt use the packaging to repack the unit
- Follow the maintenance instructions
- If water is left in the unit during storage, it may harden and leave deposits that can affect the unit from operating properly

| SPECIFICATIONS   |           |                              |         |
|------------------|-----------|------------------------------|---------|
| Model            | Model No. | Rated Voltage & Frequency    | Wattage |
| 60L Dehumidifier | ORA-DH60  | AC230V $\pm$ 10% / 50Hz / 1P | 650W    |

### CE Declaration of Conformity:

This products conforms to the essential requirements of the following EU safety directives: (as amended)

- Low Voltage Directive 2014/35/EU
- EMC Directive 2014/30/EU

### UKCA Declaration of Conformity:

This product conforms to the essential requirements of the following UK directives: (as amended)

- Electronics Equipment (safety) Regulations 2016
- Electromagnetic Compatibility Regulations 2016

## ENVIRONMENTAL PROTECTION



For electrical products sold within the UK and the European Community. This symbol means that this product must not be placed into general waste at the end of the electrical product's useful life. It should be sent to a separate recycling facility. Check with your Local Authority for recycling advice in your country.

By recycling responsibly, it will help protect the environment and human health.



### Warranty

This product is guaranteed under warranty and covers defects in material or workmanship from 1 year of date of purchase. The original bill of purchase (with purchase date) must be submitted.

The warranty will not apply in cases of misuse by non-compliance of the instructions, normal wear and tear, incorrect use, e.g. overloading, non-approved accessories, force or damaged caused by external forces, if the plug has been tampered with or removed, partially or completely dismantled product, or interference by non-qualified persons.



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