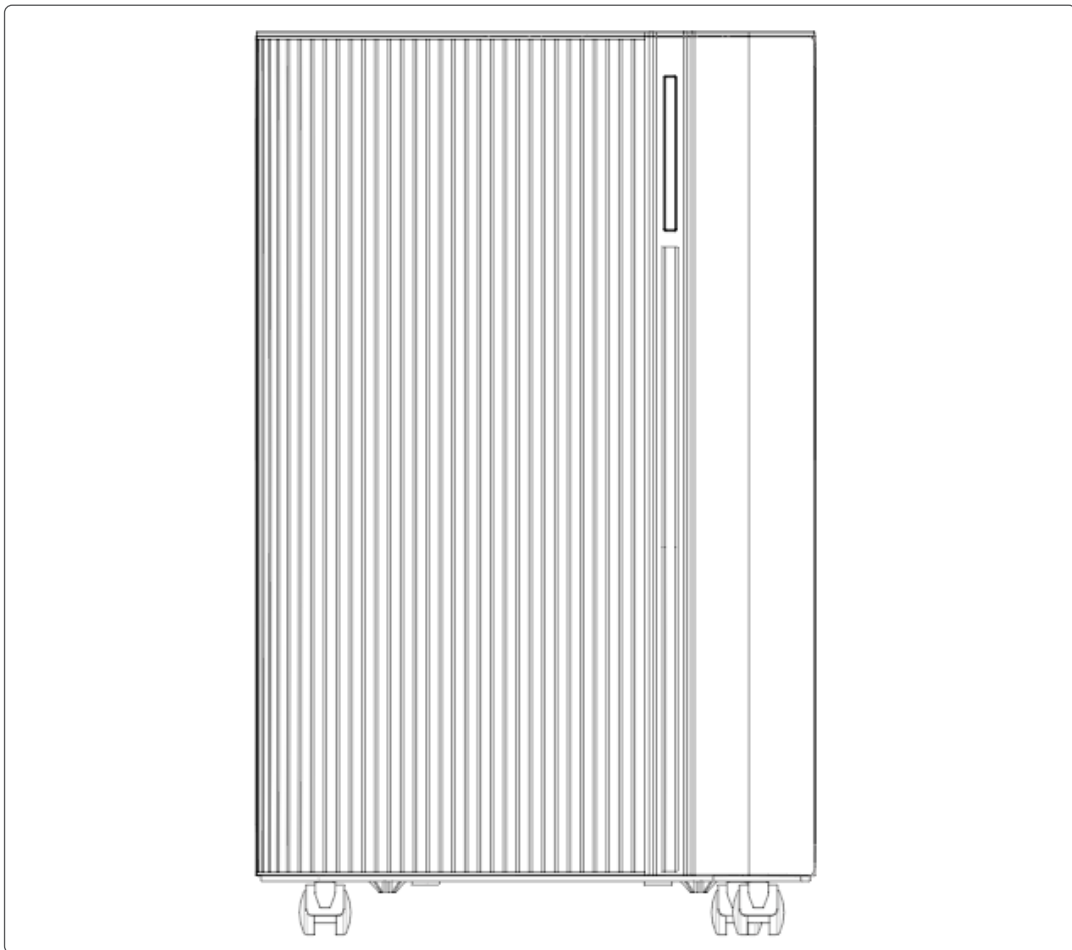




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## DEHUMIDIFIER WITH DIGITAL DISPLAY & 24HR TIMER 20L - WHITE



**Model No: DH148**

Thank you for purchasing a Baridi product from the Dellonda range. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.



Refer to  
instructions

## Important Information

Please read these instructions carefully. Note the safe operational requirements, warnings & cautions. Use the product correctly and with care for the purpose for which it is intended. Failure to do so may cause damage and/or personal injury and will invalidate the 12 month warranty. Keep these instructions safe for future use.

## SAFETY

The following should be read and understood before operating the product.

### SYMBOLS FROM THE UNIT AND USER MANUAL

|                                                                                                     |                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>WARNING</b> | This unit uses a flammable refrigerant.<br>If refrigerant leaks and comes in contact with fire or heating part, it will create harmful gas and there is risk of fire. |
|                    | Read the USER MANUAL carefully before operation.                                                                                                                      |
|                    | Further information is available in the USER MANUAL, SERVICE MANUAL, and the like.                                                                                    |
|                    | Service personnel are required to carefully read the USER MANUAL and SERVICE MANUAL before operation.                                                                 |

### 1. ELECTRICAL SAFETY

- **WARNING!** It is the user's responsibility to check the following:
- Check all electrical equipment and appliances to ensure that they are safe before using.
- Inspect power supply leads, plugs and all electrical connections for wear and damage.
- Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply.
- **DO NOT** use worn or damaged cables, plugs or connectors.
- Ensure that any faulty item is repaired or replaced immediately by a Sealey qualified technician.
- If the cable or plug is damaged during use, switch off the electricity supply and remove from use.
- Sealey recommend that an **RCD** (Residual Current Device) is used with all electrical products.
- **IMPORTANT:** Ensure that the voltage rating on the appliance suits the mains power supply.
- **DO NOT** pull or carry the appliance by the power cable.
- **DO NOT** pull the plug from the socket by the cable.
- **WARNING!** Risk of electric shock. **DO NOT** clean the product with water while the power is still connected.
- **DO NOT** disassemble or replace components while the power is still connected.
- **DO NOT** operate the product if it's in a moist environment or its electrical components have come into contact with liquids.

### 2. GENERAL SAFETY

- This appliance is intended to be used by expert or trained users in shops, in light industry and on farms, or for commercial use by lay persons.
- Children from age 8 years and above, persons with reduced physical, sensory, or mental capabilities those with lack of experience and knowledge can use the appliance, if they have been given supervision or instruction concerning use of the appliance in a safe way to understand the hazards involved.
- Children shall **NOT** play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- The unit is designed only for use with R-290(propane) gas as the designated refrigerant.
- **NOTE:** The refrigerant loop is sealed. Only a qualified technician should attempt to service.
- **DO NOT** discharge the refrigerant into the atmosphere.
- R-290 (propane) is flammable and heavier than air. It collects first in low areas but can be circulated by the fans.
- If propane gas is present or even suspected, **DO NOT** allow untrained personnel to attempt to find the cause.
- The propane gas used in the unit has no odour.
- The lack of smell does not indicate a lack of escaped gas.
- If a leak is detected, immediately evacuate all persons from the store, ventilate the room and contact the local fire department to advise them that a propane leak has occurred.
- **DO NOT** let any persons back into the room until the qualified service technician has arrived and that technician advises that it is safe to return to the store.
- No open flames, cigarettes or other possible sources of ignition should be used inside or in the vicinity of the units.
- Component parts are designed for propane and non-incentive and non-sparking. Component parts shall only be replaced with identical repair parts.
- **FAILURE TO ABIDE BY THIS WARNING COULD RESULT IN AN EXPLOSION, DEATH, INJURY AND PROPERTY DAMAGE.**

### 3. OPERATIONAL PRECAUTIONS

- **WARNING!** To reduce the risk of fire, electric shock or injury to persons or property:
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- The appliance shall be disconnected from its power source during service and when replacing parts.
- Always operate the unit from a power source of equal voltage, frequency and rating as indicated on the product identification plate.
- Always use a power outlet that is grounded.
- Unplug the power cord when cleaning or when not in use.
- **DO NOT** operate with wet hands. Prevent water from spilling onto the unit.
- **DO NOT** immerse or expose the unit to rain, moisture or any other liquid.
- **DO NOT** leave the unit running unattended. **DO NOT** tilt or turn over the unit.

- **DO NOT** unplug while the unit is operating.
- **DO NOT** unplug by pulling on the power cord.
- **DO NOT** use an extension cord or an adapter plug.
- **DO NOT** put objects on the unit.
- **DO NOT** climb or sit on the unit.
- **DO NOT** insert fingers or other objects into the air outlet.
- **DO NOT** touch the air inlet or the aluminium fins of the unit.
- **DO NOT** operate the unit if it is dropped, damaged or showing signs of product malfunction.
- **DO NOT** clean the appliance with any chemicals.
- Ensure the unit is far away from fire, inflammable, or explosive objects.
- The unit shall be installed in accordance with national wiring regulations.
- **DO NOT** use means to accelerate the defrosting process or to clean, other than those recommended by the manufacture.
- The appliance shall be stored in a room without continuously operation sources (for example: open flames, an operating gas appliance or an operating electric heater).
- The appliance shall be stored so as to prevent mechanical damage from occurring.
- **DO NOT** pierce or burn, even after use.
- Be aware that refrigerants may not contain an odour.
- Pipe-work shall be protected from physical damage and shall not be installed in an unventilated space, if that space is smaller than 4m<sup>2</sup>.
- Compliance with national gas regulations shall be observed.
- Keep any required ventilation openings clear of obstruction.
-  Any person who is involved with working on or breaking into a refrigerant circuit should hold a current valid certificate from an industry-accredited assessment authority, which authorises their competence to handle refrigerants safely in accordance with an industry, recognized assessment specification.
-  Servicing shall only be performed as recommended by the equipment manufacturer. Maintenance and repair requiring the assistance of other skilled personnel shall be carried out under the supervision of the person competent in the use of flammable refrigerants.
- If you don't understand something or need help, please contact the dealer.
- The appliance shall be stored in a well-ventilated area where the room size corresponds to the room area as specified for operation.

#### 4. SAFETY PRECAUTIONS ON SERVICING

Please follow these warnings when to undertake the following when servicing a dehumidifier with R290.

**CHECKS TO THE AREA:** Prior to beginning work on systems containing flammable refrigerants, safety checks are necessary to ensure that the risk of ignition is minimized. For repair to the refrigerating system, the following precautions shall be complied with prior to conducting work on the system.

**WORK PROCEDURE:** Work shall be undertaken under a controlled procedure so as to minimize the risk of a flammable gas or vapour being present while the work is being performed.

**GENERAL WORK AREA:** All maintenance staff and others working in the local area shall be instructed on the nature of work being carried out. Work in confined spaces shall be avoided. The area around the workspace shall be sectioned off. Ensure that the conditions within the area have been made safe by control of flammable material.

**CHECKING FOR PRESENCE OF REFRIGERANT:** The area shall be checked with an appropriate refrigerant detector prior to and during work, to ensure the technician is aware of potentially flammable atmospheres. Ensure that the leak detection equipment being used is suitable for use with flammable refrigerants, i.e. no sparking, adequately sealed or intrinsically safe.

**PRESENCE OF FIRE EXTINGUISHER:** If any hot work is to be conducted on the refrigeration equipment or any associated parts, appropriate fire extinguishing equipment shall be available to hand. Have a dry powder or CO<sub>2</sub> fire extinguisher adjacent to the charging area.

**NO IGNITION SOURCES:** No person carrying out work in relation to a refrigeration system which involves exposing any pipe work that contains or has contained flammable refrigerant shall use any sources of ignition in such a manner that it may lead to the risk of fire or explosion. All possible ignition sources, including cigarette smoking, should be kept sufficiently far away from the site of installation, repairing, removing and disposal, during which flammable refrigerant can possibly be released to the surrounding space. Prior to work taking place, the area around the equipment is to be surveyed to make sure that there are no flammable hazards or ignition risks. "No Smoking" signs shall be displayed.

**VENTILATED AREA:** Ensure that the area is in the open or that it is adequately ventilated before breaking into the system or conducting any hot work. A degree of ventilation shall continue during the period that the work is carried out. The ventilation should safely disperse any released refrigerant and preferably expel it externally into the atmosphere.

**CHECKS TO THE REFRIGERATION EQUIPMENT:** Where electrical components are being changed, they shall be fit for the purpose and to the correct specification. At all times the manufacturer's maintenance and service guidelines shall be followed. If in doubt consult the manufacturer's technical department for assistance. The following checks shall be applied to installations using flammable refrigerants:

- The charge size is in accordance with the room size within which the refrigerant containing parts are installed;
- The ventilation machinery and outlets are operating adequately and are not obstructed;
- If an indirect refrigerating circuit is being used, the secondary circuit shall be checked for the presence of refrigerant;
- Marking to the equipment continues to be visible and legible. Markings and signs that are illegible shall be corrected;
- refrigeration pipe or components are installed in a position where they are unlikely to be exposed to any substance which may corrode refrigerant containing components, unless the components are constructed of materials which are inherently resistant to being corroded or are suitably protected against being so corroded.

**CHECKS TO ELECTRICAL DEVICES:** Repair and maintenance to electrical components shall include initial safety checks and component inspection procedures. If a fault exists that could compromise safety, then no electrical supply shall be connected to the circuit until it is satisfactorily dealt with. If the fault cannot be corrected immediately but it is necessary to continue operation, an adequate temporary solution shall be used. This shall be reported to the owner of the equipment so all parties are advised. Initial safety checks shall include:

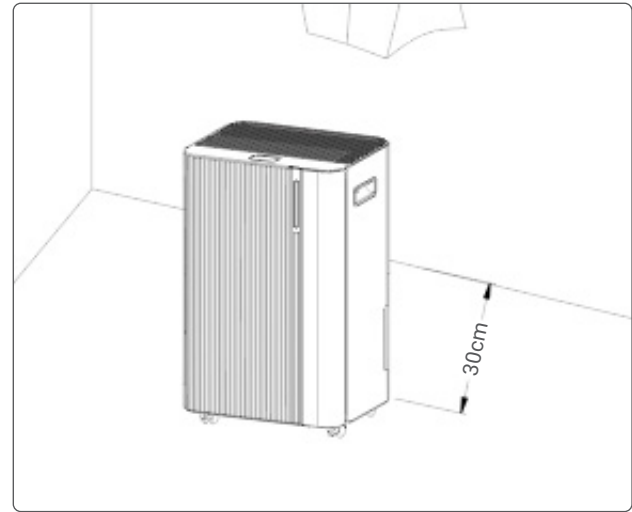
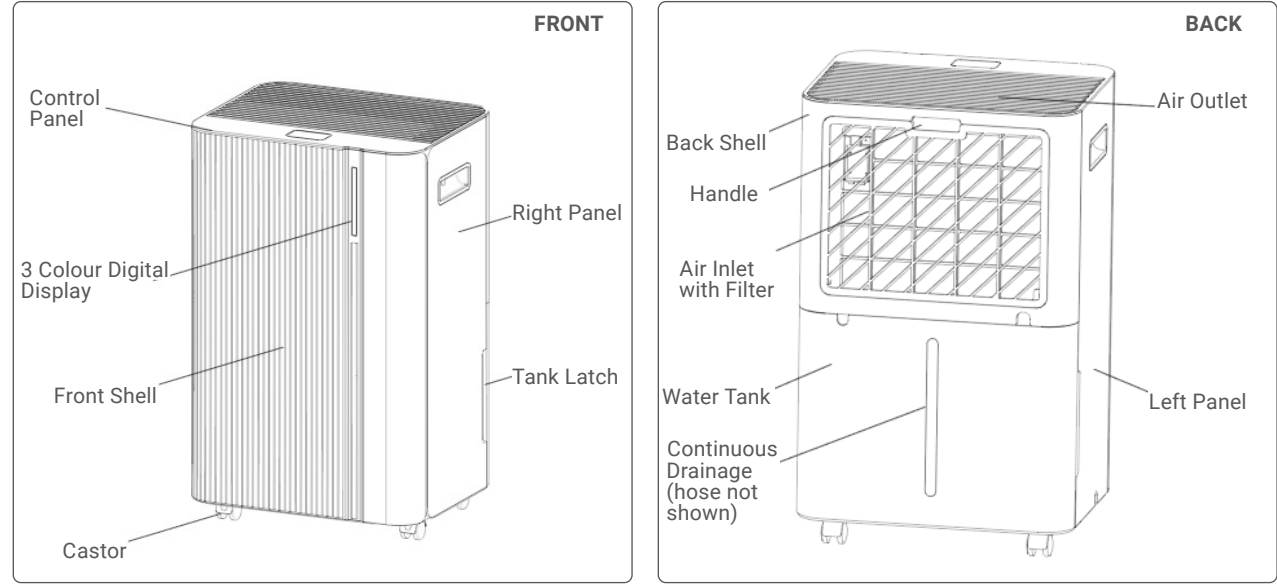
- those capacitors are discharged: this shall be done in a safe manner to avoid possibility of sparking;
- that there no live electrical components and wiring are exposed while charging, recovering or purging the system;
- that there is continuity of earth bonding

**SPECIFICATION**

Model No:.....DH148  
Colour of Product:.....White  
Electrical Class:.....Class I  
Energy Efficiency Class / Energy Rating:.....EF=1.68  
Nett Weight:.....13.5kg  
Noise Power/Pressure:.....≤43dB  
Plug Type:.....3-Pin

Product Dimensions (W x D x H): .....305 x 235 x 495mm  
Working Temperature:.....5°C - 35°C  
Max Air Circulation:.....120m³/h  
Power Cord Length:.....1.5m  
Water Tank Size:.....4.5L  
Dehumidifying Capacity: ..... 10L/Day @ 26.7°C, 60% RH  
..... 20L/Day @ 30°C, 80% RH

**OVERVIEW**



**INSTALLATION**

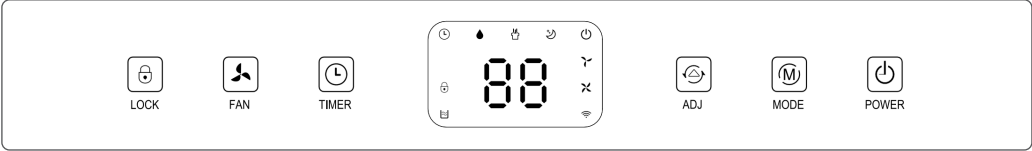
1. Place the unit on a firm, level surface in an area with at least 30cm of free space around it to allow for proper air circulation.
2. **NEVER** install the unit where it could be subject to:
  - ✖ Heat sources such as radiators, heat registers, stoves or other products that produce heat.
  - ✖ In an area where oil or water may be splashed
  - ✖ Direct sunlight
  - ✖ Mechanical vibration or shock
  - ✖ Excessive dust
  - ✖ Lack of ventilation, such as cabinet or bookcase
  - ✖ Uneven surface

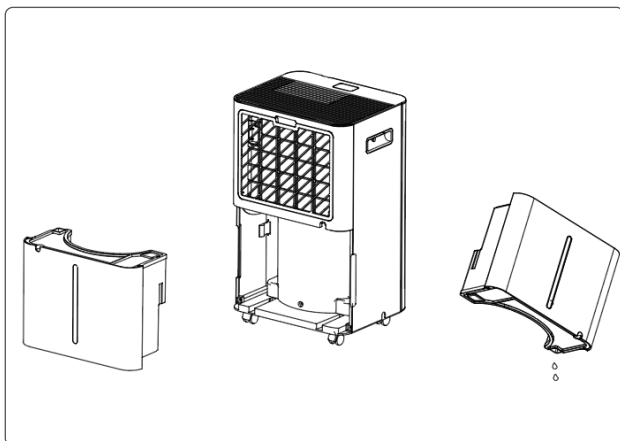
**⚠** Install the unit in rooms which exceed 4 m².  
**DO NOT** install the unit in a place where inflammable gas may leak.

**OPERATION**

- **TO OPERATE THE UNIT SAFELY:**
- Check the device after unpacking for any damages or scratches on it.
- Operate this unit in an ambient temperature from 5°C to 35°C.
- **DO NOT** use outdoors. This dehumidifier is intended for indoor residential applications only.
- **DO NOT** operate in close proximity to walls, curtains, or other objects that may block inlet and outlet.
- Keep the air inlet and outlet free of obstructions.
- Adjusting the wind deflector in the upward direction prior to start up.
- If tipped more than 45°, allow the unit to set upright for at least 24 hours before start up.
- Keep doors and windows closed for better energy saving.

- **DO NOT** operate or store the unit in direct sunlight or rain.
- It is normal for the air outlet to feel warm to touch after continuous operation on hot days.
- Empty the water tank before moving the device.
- Make sure the water tank is correctly fitted otherwise the unit will not operate properly.
- The dehumidifier starts up in the mode selected when the unit was last used.
- The dehumidifier starts dehumidifying if the room humidity is 3% higher than the selected humidity.
- There is a protective 3-minutes time delay of the compressor. Wait 3 minutes for the dehumidifier to resume dehumidification.
- In the case of an accident/breakdown, turn off power and remove from supply if safe to do so. Mark the appliance with an 'out of order' sign
- **DO NOT** use a faulty unit. Contact an authorised service centre for repair.

| CONTROL PANEL                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>POWER                   | Press the POWER button to turn on the machine. The running indicator lights up. The default fan speed is high, and the default humidity setting is 50%. When the machine is running, press the power button to turn off, the running indicator light goes off and the compressor stops immediately. The fan will shut down after a 30 seconds delay.                                                                                                                                                                                                     |
| <br>MODE                    | Press to switch between Auto/Continuous Mode. Long press for Sleep Mode. The corresponding indicator will illuminate.                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <br>AUTO MODE               | When ambient humidity > set humidity +3%, the fan and compressor start working as set. When ambient humidity < set humidity -3%, the compressor stops working and the fan stops working after 30s delay.<br><b>NOTE:</b> both fan speed and humidity can be adjusted under auto mode. After setting the humidity, the LED will display the ambient humidity.                                                                                                                                                                                             |
| <br>CONTINUOUS MODE         | The machine continues to run, not affected by ambient humidity. This mode is for laundry/clothes drying.<br><b>NOTE:</b> fan speed is adjustable, humidity setting can not be adjusted.                                                                                                                                                                                                                                                                                                                                                                  |
| <br>SLEEP MODE            | Long press the mode key to select the sleep mode. In this mode, if no operation occurs within 10s, the power indicator and sleep indicator gradually turn dark, and other indicators/displays turn off. Press any key to restore the normal display.<br><br>In sleep mode, the fault code is not displayed. Fan speed and humidity is adjustable. In sleep mode, when the water tank is full, the machine will not alarm, but the water tank full indicator light will be on to remind that the water tank is full and you need to empty the water tank. |
| <br>SET BUTTON            | Press to set the humidity (30-80%, adjusted in 5% increments) and timing time (1-24h, adjusted in 1hr increments).                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 3 COLOUR DIGITAL DISPLAY                                                                                     | <b>BLUE:</b> Ambient Humidity≤45%. <b>GREEN:</b> 45<Ambient Humidity<65%. <b>RED:</b> Ambient Humidity≥65%.<br><br>If the LED displays an error code, the light will illuminate red.                                                                                                                                                                                                                                                                                                                                                                     |
| <br>TIMER                 | Press the timer button to set/check/cancel the timer. The digital screen flashes to display the current timing time. Press the adjustment key to adjust the timing time (0 ~ 24h). To cancel the timer, press the timer button again. Long press to start the network configuration or disconnect the WiFi.                                                                                                                                                                                                                                              |
| <br>FAN SPEED             | Press to switch between high/low speed cycle. The corresponding indicator will light up.                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <br>CHILD-LOCK            | Long press to turn on/off the child lock function.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <br>WATER TANK FULL ALARM | When the tank is full the alarm will sound and the display will show "FL".<br>The water tank indicator will light up                                                                                                                                                                                                                                                                                                                                                                                                                                     |



## DRAINAGE

### EMPTYING THE WATER TANK

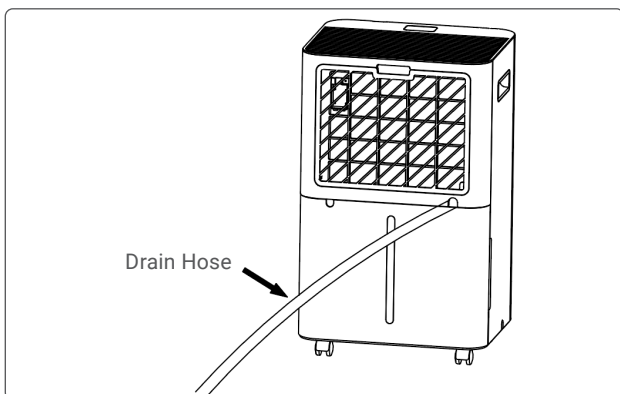
When the tank is full, the unit will make a buzzing sound, and the display will show "FL". Remove the cover and slide the tank out of the unit. Empty the tank outside or in a suitable drain. Clean the inside and outside of the tank before replacing the empty tank back inside the unit. If the "Water Full" light does not extinguish, check that the float is correctly in place.



**⚠ DO NOT** discard water tank magnets and plastic rivets. Otherwise, the machine will not automatically stop working when the water tank is full, and the condensed water will overflow and damage the floor of the room.

### CLEAN THE TANK

Clean the water tank before re-using the dehumidifier. If the water tank is dirty, rinse it with clean water. **DO NOT** use harsh chemicals or abrasives which may damage the tank and cause it to leak. Replace the empty tank back into the unit. **NOTE:** the water full indicator may remain red and the machine will not restart if the tank is not reinstalled.

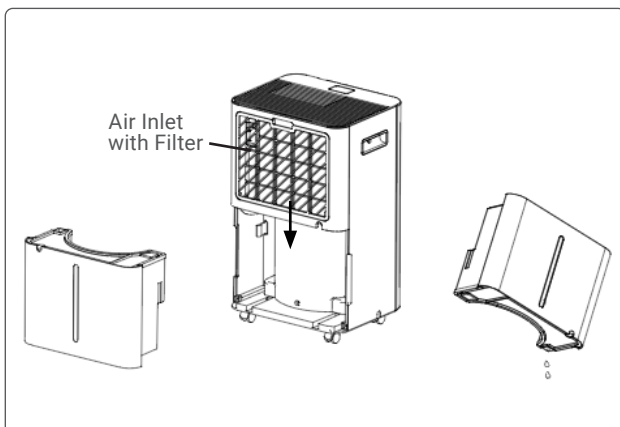


### CONTINUOUS DRAINING

For continuous or unattended dehumidification, connect the attached drain hose to the unit. Ensure the pipe is straight to allow the drainage of condensate into an appropriate drain or bucket etc. **DO NOT** block the drain or drain pipe. This will cause condensed water to flow into the water tank. **DO NOT** bend the drain pipe. The height of the drain pipe should be lower than the outlet. Ensure the drain pipe shall be securely connected to the outlet.

## MAINTENANCE

**WARNING!** Maintenance is to be performed when necessary to maintain correct and safe performance. Before conducting any maintenance work, disconnect from mains supply. All maintenance should be performed by an authorised service centre. Electrical repairs should **ONLY** be made by a qualified electrician. **DO NOT** use a faulty unit. Contact an authorised service centre for repair.



### CLEANING THE AIR FILTER (EVERY TWO WEEKS)

Dust collects on the filter and restricts the airflow. This reduces the efficiency of the system and can cause damage to the unit. For this reason, the air filter requires regular cleaning. The air filter is removable for easy cleaning. **DO NOT** operate the unit without an air filter, or the evaporator may be contaminated.

1. Take the water tank from the body, and then pull out the filter from the bottom of the rear shell.
2. Use a vacuum cleaner to gently clean the dust from the surface of the filter.
3. If the filter is very dirty, wash it with water and a soft detergent and dry it thoroughly afterwards.
4. Replace the filter before reusing the unit.

### CLEANING THE UNIT

Turn off and unplug before cleaning Regularly clean with a damp cloth, lukewarm water and mild detergent. **DO NOT** clean with abrasive materials or harsh chemicals. **DO NOT** spray water on the product, or allow water enter internal components. **DO NOT** open enclosures to clean electrical parts.

## STORAGE

Store the product in a cool, dry location. If you will not be using the unit for an extended period of time (more than a few weeks) it is best to clean the unit and dry it out completely. Please store the unit per the following steps:

1. Switch off and unplug the unit.
2. Drain the remaining water from the unit.
3. Clean the filter and let the filter dry completely in a shaded area.
4. Collect the power cord at the water tank.
5. Re-install the filter.
6. The unit must be kept in upright position when in storage.
7. Store the unit indoors in a safe, dry, well ventilated area.

**IMPORTANT:** the evaporator inside the machine has to be dried out before the unit is packed to avoid component damage and mould. Unplug the unit and place it in a dry open area for days to dry it out. Another way to dry the unit is to set the humidity point more than 5% higher than the ambient humidity to force the fan to dry the evaporator for a couple of hours.

## TRANSPORT

If the product is to be transported, first disassemble and place it in the original packaging.

## TROUBLESHOOTING

Before contacting an authorised service centre, please review the troubleshooting table below.

| FAULT                             | POSSIBLE CAUSE                                                                                                         | POSSIBLE SOLUTION                                                           |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Unit does not function.           | No power supply.                                                                                                       | Connect to a functioning outlet and switch on.                              |
|                                   | "Water Full" indicator flashing.                                                                                       | Drain water tank and reset it, or re-position the water tank to right place |
|                                   | Room temperature <5°C, or >35 °C.<br>Self-protection designed to protect the unit.                                     | Operate the unit within the designated temperature range.                   |
|                                   | The compressor automatically defrosts at intervals; during defrosting, the compressor stops and the fan keeps running. | Wait for the defrost function to complete.                                  |
| Unit functions poorly.            | Clogged air filter.                                                                                                    | Clean the air filter as per instructions.                                   |
|                                   | Inlet/outlet obstructed.                                                                                               | Remove obstructions from the unit.                                          |
| No air intake.                    | Clogged filter.                                                                                                        | Clean the air filter as per instructions.                                   |
| Loud noise when running the unit. | Uneven position.                                                                                                       | Place the unit on flat, level ground.                                       |
|                                   | Clogged filter.                                                                                                        | Clean the air filter as per instructions.                                   |
| FL                                | Water full protection.                                                                                                 | Empty the water in the tank.                                                |
| E1/E2                             | Humidity sensor problem.                                                                                               | Change the sensor.                                                          |

## DISPOSAL

Dispose of this product at the end of its working life in compliance with the EU Directive on Waste Electrical and Electronic Equipment (WEEE). When the product is no longer required, it must be disposed of in an environmentally protective way. Contact your local solid waste authority for recycling information.

### **WARNING! Releasing refrigerant into the atmosphere is strictly forbidden!**

Contact your local authority for information regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging health and well-being.

## INFORMATION ON THE APP “SMART LIFE”

The “Smart Life” app is available for android and iOS.

Scan the corresponding QR code to go directly to the download.



Download Smart Life App



### INFORMATION ON HOW TO USE THE APP

This appliance allows you to operate the appliance via your home network. A prerequisite is a permanent WiFi connection to your router and the free app “Smart Life”.

1. Install the “Smart Life” app. Create a user account.
2. Activate the WiFi function in the settings of your appliance.
3. Place the appliance at a distance of about 5 meters to your router.
4. As long as the power is turned on, the WiFi indicator flashes. After 3 minutes, the status will be cancelled if there is no network configuration, and the indicator light is off. If you need to re-connect to the WiFi, long press the “timer” button for 5 Second to start the network configuration, the WiFi indicator flashes again.

### WIFI CONNECTED

#### Method 1

Connect via Bluetooth

Open the Bluetooth of your mobile phone or other device.

When WiFi indicator flashes, open “Smart Life” app, the unit will connected via Bluetooth automatically.

#### Method 2

When WiFi indicator flashes, select “Add Device”-“Small Home Appliances”-“Dehumidifier”, and follow the instructions on the display.

Check the status of the WiFi indicator and choose the correct status.

If the WiFi indicator flash rapidly, it can connected directly.

If the WiFi indicator flash slowly, press “Go to Connect” to connect the WiFi named “SmartLife-XXXX”.

#### Remarks

Once the appliance has been successfully connected, the WiFi lamp lights up. Now you can operate the appliance using the app.

Press and hold the Timer button for about 5 seconds, the appliance disconnect, the WiFi lamp lights off.

#### ENVIRONMENT PROTECTION AND WASTE PROTECTION AND ELECTRICAL EQUIPMENT REGULATIONS (WEEE)

Recycle unwanted packaging materials. When this product is no longer required, or has reached the end of its useful life, please dispose of it in an environmentally friendly way. Drain any fluids (if applicable) into approved containers, in accordance with local waste regulations. It is our policy to continually improve products and we reserve the right to alter data, specifications and parts without prior notice. No liability is accepted for incorrect use of this product. Guarantee is 12 months from purchase date, proof of which is required for any claim.

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