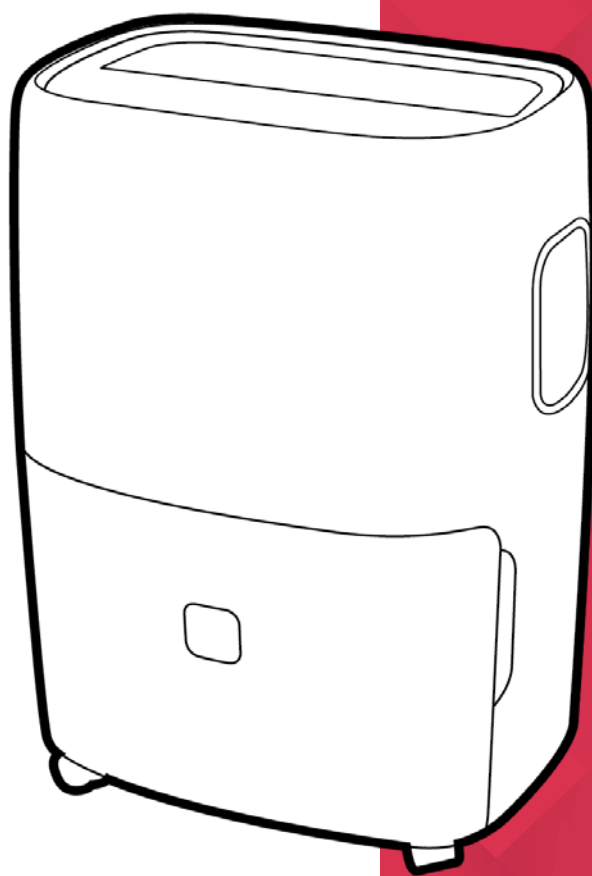




# INSTRUCTION MANUAL



## **Dehumidifier**

Models: GDDE25E & GDDE50E

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For domestic household use  
only.



## IMPORTANT

THESE INSTRUCTIONS SHOULD BE READ CAREFULLY AND RETAINED FOR FUTURE REFERENCE. **Note also the information presented on the appliance**

### DETAILS OF TYPE AND RATING OF FUSES : T; 3.15A; 250VAC.

#### **CAUTION: FAILURE TO FOLLOW THESE INSTRUCTIONS MAY CAUSE INJURY AND/OR DAMAGE AND MAY INVALIDATE YOUR WARRANTY**

Please read the operating instructions carefully before using your dehumidifier for the first time and keep them in a safe place.

**WARNING** - This appliance must not be used in a bathroom.

**WARNING** - Do not use this appliance in the immediate surroundings of a bath, a shower or a swimming pool.

- 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.
- Children should be supervised to ensure they do not play with the appliance.
- 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.
- Never immerse the appliance in water or other liquids.
- Operate this unit only on a firm, flat surface to avoid the risk of water leakage. Ensure that the unit is kept upright at all times (including during transport and storage). If it is overturned at any stage it should be left standing upright for 24 hours before use.
- Do not place on soft, unstable or non-horizontal/angled surfaces.
- Never operate the appliance if a cable or connector has been damaged, after appliance malfunction or if the appliance was dropped or is otherwise damaged.
- Please ask a professional service agent to repair the product. Improper repair may cause danger to users.
- Disconnect the appliance from mains power whenever it is not in use, before relocating it, and before cleaning.
- Operate the appliance only at the voltage specified on the rating label.
- Only connect the unit to a properly installed and easily accessible socket so that you can quickly disconnect the plug if necessary.
- Do not connect this product to the mains using an extension lead.
- Do not connect the dehumidifier to a multiple socket outlet, which is also being used for other electrical appliances
- This dehumidifier is only intended for **INDOOR RESIDENTIAL** applications. This dehumidifier should not be used for commercial or industrial or leisure applications or in small enclosed spaces.
- Never use the mains lead as a carrying strap or pulling lead.
- To avoid a fire or electrocution hazard, **NEVER** put the cord near heat registers, radiator, stoves or heaters.
- **DO NOT** cover cord with carpeting, throw rugs, runners, or similar coverings.
- **DO NOT** route cord under furniture or appliances. Take care to position the cord away

from traffic areas and where it will not be a tripping hazard.

- **DO NOT COVER.** Never cover or obstruct in any way the outlet at the top of the dehumidifier or the air inlet slots at the rear of the dehumidifier.
- Only operate this appliance with a minimum of 50cm clearance all around i.e. away from walls, furniture and overhanging objects such as curtains or a shelf.
- To prevent spillage, empty the water tank before lifting or relocating the appliance.
- Do not tip the appliance to any side as escaping water could damage the appliance.
- **WARNING:** Never leave water in the reservoir when the appliance is not in use, microorganisms can grow in stagnant water, the water tank should be emptied and cleaned regularly and properly. Empty the tank, clean and dry it when not in use and before putting into storage.
- **CAUTION:** Clean and empty the water tank at least every third day. Empty the water tank and clean it with fresh tap water or mild detergent. Remove any scale, deposits, or film that has formed on the sides of the water tank or on interior surfaces using soft non-abrasive cleaning agents (such as washing up liquid), wipe all surfaces dry on completion.
- **WARNING** – The water collected in the tank is must never be used for drinking, it is not suitable for human, bird or animal consumption.
- Be aware that high humidity levels may encourage the growth of biological organisms in the environment.
- Monitor the area around the dehumidifier to ensure there is no damp or wet. Do not allow absorbent materials, such as carpeting, drapes, or tablecloths to become damp.
- Air inlet filter must be cleaned regularly to ensure correct operation and to avoid damage to the appliance.
- Never operate the product without the filter
- **WARNING:** To avoid danger of suffocation please remove all packaging materials particularly plastic and EPS and keep these away from vulnerable people, children and babies.
- **IMPORTANT:** Do not use this unit where the ambient temperature is lower than 5°C, otherwise the evaporating coil will ice up heavily and this will affect the performance of the product and potentially cause a malfunction.
- **NEVER** drop or insert any object into any openings.
- Do not use the appliance in locations where paint, petrol or other flammable liquids are used or stored.
- Do not use bug sprays or other flammable cleansers/vapour sprays on or around the unit.
- Always switch off the unit and take the plug out of the socket:
  - If you are not using the unit
  - Before you clean or carry out maintenance on the unit
  - If a fault occurs
  - In the event of an electrical storm.



**WARNING:** For using R290 refrigerant. This symbol shows that this appliance uses a flammable refrigerant. If the refrigerant is leaked and exposed to an external ignition source, there is a risk of fire.

**CAUTION: RISK OF FIRE/FLAMMABLE MATERIALS. THE APPLIANCE MUST BE INSTALLED, USED & STORED IN AN AREA THAT IS GREATER THAN 13m<sup>2</sup>.**



NB: These symbols on your device mean:

- This appliance is filled with Propane gas R290. Follow strictly the manufacturer's instruction concerning use and repairs!
- Before using this appliance, you must carefully read the entire instruction manual.
- Do not install, operate or store the device in a room with a floor area smaller than 13m<sup>2</sup>.
- Repairs must be performed based on the recommendations from the manufacturing company.
- Note also the information presented on the appliance.
- Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.
- The appliance shall NOT be stored in a room with continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater).
- Do not pierce or burn.
- Be aware that the refrigerants may not contain an odour.
- The appliance should be installed, operated and stored in a room with a floor area according to the amount of refrigerant to be charged. For specific information on the type of gas and the amount, please refer to the relevant label on the unit itself. When there are differences between the label and the manual on the Min. room area description, the description on label shall prevail.
- Compliance with national gas regulations shall be observed.
- Keep ventilation openings clear of obstruction.
- The appliance shall be stored so as to prevent mechanical damage from occurring.
- A warning that the appliance shall be stored in a well-ventilated area where the room size corresponds to the room area as specified for operation.
- 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 recognised 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.

1. Transport of equipment containing flammable refrigerants - see transport regulations
2. Marking of equipment using signs - see local regulations
3. Disposal of equipment using flammable refrigerants - see national regulations.
4. Storage of equipment/appliances - The storage of equipment should be in accordance with the manufacturer's instructions.
5. Storage of packed (unsold) equipment - storage package protection should be constructed such that mechanical damage to the equipment inside the package will not cause a leak of the refrigerant charge. The maximum number of pieces of equipment permitted to be stored together will be determined by local regulations.
6. Information on servicing
  - **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 minimised. 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 minimise 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. non-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:

That 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.

- **Repairs to sealed components**

- During repairs to sealed components, all electrical supplies shall be disconnected from the equipment being worked upon prior to any removal of sealed covers, etc. If it is absolutely necessary to have an electrical supply to equipment during servicing, then a permanently operating form of leak detection shall be located at the most critical point to warn of a potentially hazardous situation.
- Particular attention shall be paid to the following to ensure that by working on electrical components, the casing is not altered in such a way that the level of protection is affected. This shall include damage to cables, excessive number of connections, terminals not made to original specification, damage to seals, incorrect fitting of glands, etc. Ensure that apparatus is mounted securely. Ensure that seals or sealing materials have not degraded such that they no longer serve the purpose of preventing the ingress of flammable atmospheres. Replacement parts shall be in accordance with the manufacturer's specifications.

**NOTE:** The use of silicon sealant may inhibit the effectiveness of some types of leak detection equipment. Intrinsically safe components do not have to be isolated prior to working on them.

- **Repair to intrinsically safe components**

Do not apply any permanent inductive or capacitance loads to the circuit without ensuring that this will not exceed the permissible voltage and current permitted for the equipment in use. Intrinsically safe components are the only types that can be worked on while live in the presence of a flammable atmosphere. The test apparatus shall be at the correct rating. Replace components only with parts specified by the manufacturer. Other parts may result in the ignition of refrigerant in the atmosphere from a leak.

- **Cabling**

Check that cabling will not be subject to wear, corrosion, excessive pressure, vibration, sharp edges or any other adverse environmental effects. The check shall also take into account the effects of aging or continual vibration from sources such as compressors or fans.

- **Detection of flammable refrigerants**

Under no circumstances shall potential sources of ignition be used in the searching for or detection of refrigerant leaks. A halide torch (or any other detector using a naked flame) shall not be used.

- **Leak detection methods**

The following leak detection methods are deemed acceptable for systems containing flammable refrigerants. Electronic leak detectors shall be used to detect flammable refrigerants, but the sensitivity may not be adequate, or may need re-calibration. (Detection equipment shall be calibrated in a refrigerant-free area.) Ensure that the detector is not a potential source of ignition and is suitable for the refrigerant used. Leak detection equipment shall be set at a percentage of the LFL of the refrigerant and shall be calibrated to the refrigerant employed and the appropriate percentage of gas (25 %maximum) is confirmed. Leak detection fluids are suitable for use with most refrigerants but the use of detergents containing chlorine shall be avoided as the chlorine may react with the refrigerant and corrode the copper pipe-work. If a leak is suspected, all naked flames shall be removed/ extinguished. If a leakage of refrigerant is found which requires brazing, all of the refrigerant shall be recovered from the system, or isolated (by means of shut off valves) in a part of the system remote from the leak. Oxygen free nitrogen (OFN) shall then be purged through the system both before and during the brazing process.

- **Removal and evacuation**

When breaking into the refrigerant circuit to make repairs or for any other purpose conventional procedures shall be used. However, it is important that best practice is followed since flammability is a consideration. The following procedure shall be adhered to: Remove refrigerant; Purge the circuit with inert gas; Evacuate; Purge again with inert gas; Open the circuit by cutting or brazing. The refrigerant charge shall be recovered into the correct recovery cylinders. The system shall be flushed with OFN to render the unit safe. This process may need to be repeated several times. Compressed air or oxygen shall not be used for this task. Flushing shall be achieved by breaking the vacuum in the system with OFN and continuing to fill until the working pressure is achieved, then venting to atmosphere, and finally pulling down to a vacuum. This process shall be repeated until no refrigerant is within the system. When the final OFN charge is used, the system shall be vented down to atmospheric pressure to enable work to take place. This operation is absolutely vital if brazing operations on the pipe-work are to take place. Ensure that the outlet for the vacuum pump is not close to any ignition sources and there is ventilation available.

- **Charging procedures**

In addition to conventional charging procedures, the following requirements shall be followed. Ensure that contamination of different refrigerants does not occur when using charging equipment. Hoses or lines shall be as short as possible to minimise the amount of refrigerant contained in them.

Cylinders shall be kept upright.

Ensure that the refrigeration system is earthed prior to charging the system with refrigerant.

Label the system when charging is complete (if not already).

Extreme care shall be taken not to overfill the refrigeration system. Prior to recharging the system it shall be pressure tested with OFN. The system shall be leak tested on completion of charging but prior to commissioning. A follow up leak test shall be carried out prior to leaving the site.

- **Decommissioning**

Before carrying out this procedure, it is essential that the technician is completely familiar with the equipment and all its detail. It is recommended good practice that all refrigerants are recovered safely. Prior to the task being carried out, an oil and refrigerant sample shall be taken in case analysis is required prior to re-use of reclaimed refrigerant. It is essential that electrical power is available before the task is commenced.

a) Become familiar with the equipment and its operation.

b) Isolate system electrically.

c) Before attempting the procedure ensure that: Mechanical handling equipment is available, if required, for handling refrigerant cylinders; All personal protective equipment is available and being used correctly; The recovery process is supervised at all times by a competent person; Recovery equipment and cylinders conform to the appropriate standards.

d) Pump down refrigerant system, if possible.

e) If a vacuum is not possible, make a manifold so that refrigerant can be removed from various parts of the system.

f) Make sure that cylinder is situated on the scales before recovery takes place.

g) Start the recovery machine and operate in accordance with manufacturer's instructions.

h) Do not overfill cylinders. (No more than 80 % volume liquid charge).

i) Do not exceed the maximum working pressure of the cylinder, even temporarily.

j) When the cylinders have been filled correctly and the process completed, make sure that the cylinders and the equipment are removed from site promptly and all isolation valves on the equipment are closed off.

k) Recovered refrigerant shall not be charged into another refrigeration system unless it has been cleaned and checked.

- **Labelling**

Equipment shall be labelled stating that it has been de-commissioned and emptied of refrigerant. The label shall be dated and signed. Ensure that there are labels on the equipment stating the equipment contains flammable refrigerant.



- **Recovery**

When removing refrigerant from a system, either for servicing or decommissioning, it is recommended good practice that all refrigerants are removed safely. When transferring refrigerant into cylinders, ensure that only appropriate refrigerant recovery cylinders are employed. Ensure that the correct number of cylinders for holding the total system charge is available. All cylinders to be used are designated for the recovered refrigerant and labelled for that refrigerant (i.e. special cylinders for the recovery of refrigerant). Cylinders shall be complete with pressure relief valve and associated shut-off valves in good working order. Empty recovery cylinders are evacuated and, if possible, cooled before recovery occurs. The recovery equipment shall be in good working order with a set of instructions concerning the equipment that is at hand and shall be suitable for the recovery of flammable refrigerants. In addition, a set of calibrated weighing scales shall be available and in good working order. Hoses shall be complete with leak-free disconnect couplings and in good condition. Before using the recovery machine, check that it is in satisfactory working order, has been properly maintained and that any associated electrical components are sealed to prevent ignition in the event of a refrigerant release. Consult manufacturer if in doubt. The recovered refrigerant shall be returned to the refrigerant supplier in the correct recovery cylinder, and the relevant Waste Transfer Note arranged. Do not mix refrigerants in recovery units and especially not in cylinders. If compressors or compressor oils are to be removed, ensure that they have been evacuated to an acceptable level to make certain that flammable refrigerant does not remain within the lubricant. The evacuation process shall be carried out prior to returning the compressor to the suppliers. Only electric heating to the compressor body shall be employed to accelerate this process. When oil is drained from a system, it shall be carried out safely.



Exposed to the weather outdoors



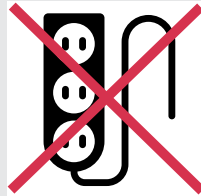
Near water



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

## Specification

<b>Model no.</b>	<b>GDDE25E</b>	<b>GDDE50E</b>
Power supply	220-240V~, 50Hz	
Dehumidification capacity at 32°C, 80% RH	25L/day	50L/day
Recommended room size	12-30m <sup>2</sup>	24-60m <sup>2</sup>
Air volume (max.)	200m <sup>3</sup> /h	310m <sup>3</sup> /h
Noise level (max.)	53dB(A)	
Refrigerant	R290	
Working range	5 ~ 32°C	
Water tank	3.5L	6.5L
Size (WxDxH) mm	370 x 270 x 505	382 x 305 x 640
N.W. kg	14	19.8

Note. When the dehumidifier is in operation, the running compressor will produce heat, this is normal and may potentially raise the room temperature.

The operational temperature range for this unit is 5-32°C.

## How It Works

This product is a dehumidifier. It controls relative humidity by passing the air through the unit, forcing the excess moisture to condensate over the cooling elements. Contact with this cold surface causes the moisture in the air to condense. This condensed water then drains safely into the water tank. The dried air then passes through the condenser where it is slightly warmed and re-enters the room at a slightly elevated temperature.

## Where To Position

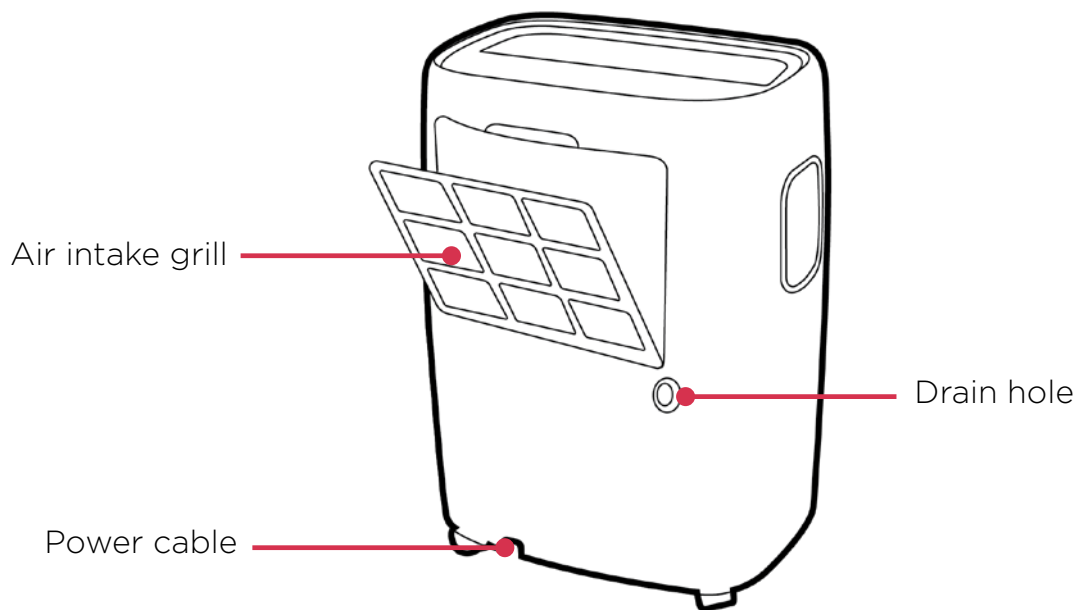
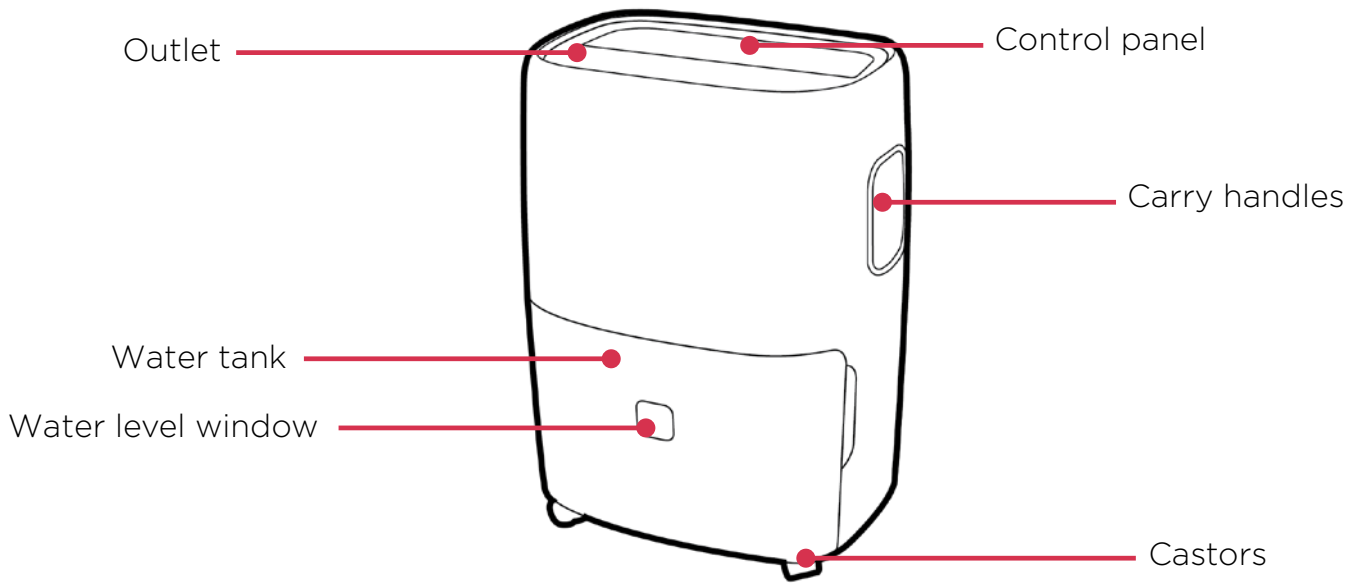
Excess moisture will travel throughout your home, in the same way that cooking smells waft to every room in the house. For this reason, the dehumidifier should be positioned, so that it can draw this moist air towards it from all over the home. Alternatively, if you have a serious problem in one area you can begin by positioning the dehumidifier close to this area and later moving it to a more central point.

When positioning the dehumidifier, ensure that it is placed on a level surface and that there is a minimum of 45 cm of space on either side of the unit to allow for efficient airflow.

This dehumidifier is fitted with castors for extra mobility, if you move the unit, it should first be switched off and the water tank emptied. We do not recommend the use of an extension lead, so please try to ensure that the unit is sufficiently close to a fixed mains socket.

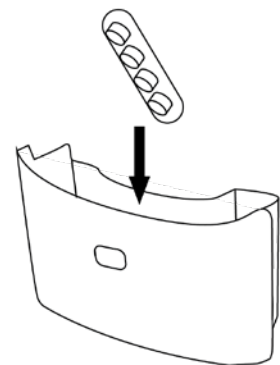
When the dehumidifier is in operation, outside doors and windows should be closed for most effective and efficient operation.

## Parts

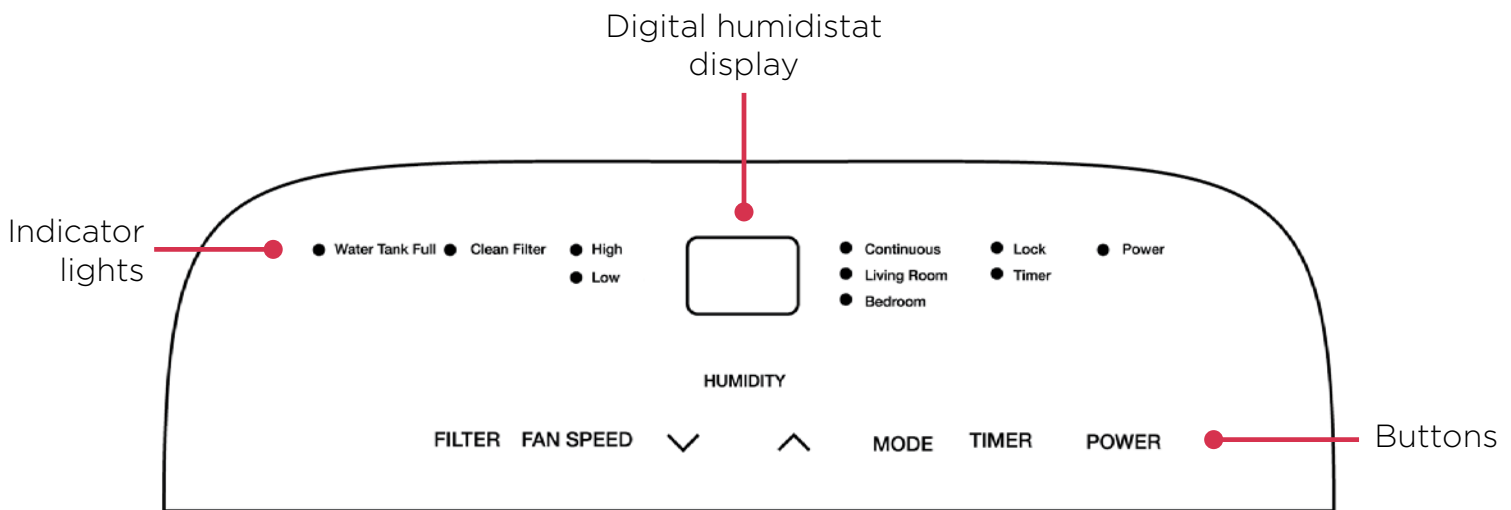


### Installing The Castors

1. Remove castors from water tank.
2. Tilt the dehumidifier 45° and insert the four castors. Ensure the ring around the castor is flush against the bottom of the dehumidifier.



## Control Panel



## Operation

1. Plug the unit into a correct mains socket. (Please refer to the rating label at the rear of the unit for correct voltage/frequency.)
2. Please **NOTE:** Before first proper use, run the dehumidifier in continuous mode for 24 hours.
3. Press **POWER** button to turn on the unit. To turn off the unit, press **POWER** button again.
4. To select the desired relative humidity press the **UP/DOWN** arrow buttons. Each press will increase/decrease the desired room humidity by 5%. The room humidity can be set between 35-80% or continuous, and will show on the display. The unit will cycle on and off to maintain the selected humidity level.
5. Press the **FAN SPEED** button to select between High & Low speeds. The selected speed indicator light will turn on.
6. To program the unit to automatically turn on, press the **TIMER** button, while the unit is **OFF**. The timer can be set in 30 minute increments, up to 10 hours. After 10 hours, each press of the button will increase the time in 1 hour increments up to 24 hours
7. To program the unit to automatically turn off, press the **TIMER** button, while the unit is **ON**. The timer can be set in 30 minute increments, up to 10 hours. After 10 hours, each press of the button will increase the time in 1 hour increments up to 24 hours

## Operation

- When the water tank is full, the “**Water Tank Full**” indicator will light on or alarm, and the compressor will stop for self-protection. The dehumidifier will not turn back on until the water tank has been emptied.
- When the filter needs cleaning, the “**Clean Filter**” indicator will light on (after 250 hours of use). Remove the filter from the back of the unit by using your thumbs to press down on the filter tabs, Clean the filter with warm soapy water. Dry thoroughly before replacing the filter. Once the filter is back in place, press the **FILTER** button.

**CAUTION:** Do not operate the dehumidifier without a filter. Do not clean filter in the dishwasher.

- To utilise one of the pre-set humidity settings, press the **MODE** button to choose from Continuous, Living Room or Bedroom.

Continuous	15% (runs continuously and displays “ <b>CO</b> ”)
Living Room	45% (target humidity)
Bedroom	55% (target humidity)

- The control panel can be locked by pressing the **TIMER** button for 3 seconds. The “**Child Lock**” indicator will light on once activated. To unlock the control panel, hold the **TIMER** button for 3 seconds.

**NOTE:** The FAN will continue to run, even when the compressor is off. This is normal and allows the unit to circulate air and operate more efficiently.

## Automatic Defrost

When frost builds up on the evaporative coils, the compressor will cycle off and the fan will continue to run until the frost disappears.

When the coils are completely defrosted, the compressor or fan (depending on the model) will automatically restart and dehumidification will resume.

## Drainage

While the water tank is full, the compressor will stop for self-protection and the **"water tank full"** indicator light will turn on.

To remove the water tank, pull it out squarely.

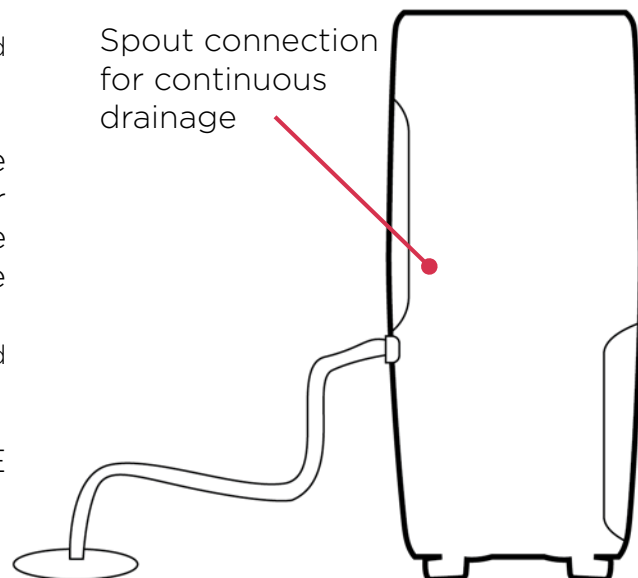
After emptying the water tank, replace the water tank carefully back into its original location. The tank must be properly in place in order for the **"water tank full"** light to go out and for your dehumidifier to start operating again.

Please note, if the water tank has not been positioned correctly, the "water tank full" indicator will stay on and the product will not operate.

### CONTINUOUS DRAINAGE

When the dehumidifier is operated at very high humidity levels, the water tank will require more frequent emptying. In this situation, it may be more convenient to set the unit up for continuous drainage, this can be done as follows;

1. Place the dehumidifier on a level surface
2. Unscrew the cap on the back of the unit to access the hose nozzle.  
\* Please note, the water tube is not supplied with the unit.
3. Thread a garden hose onto the accessible nozzle, lead to a floor drain and cut to length. Make sure there are no kinks or knots in the garden hose.  
\* Please note, the water tube is not supplied with the unit.
4. Turn the unit ON and press the MODE button and select CONTINUOUS.



### IMPORTANT NOTES

Placing the dehumidifier on an uneven surface or improper hose installation may result in water filling up the water tank and causing the unit to shut off. Empty the water tank if auto-matic shut off occurs, then check the dehumidifier location and hose for proper set up. The bucket must be in place and securely positioned for the dehumidifier to operate.



## Maintenance

Always unplug the unit from the mains before carrying out any maintenance or cleaning of the unit.

### CLEANING THE BODY

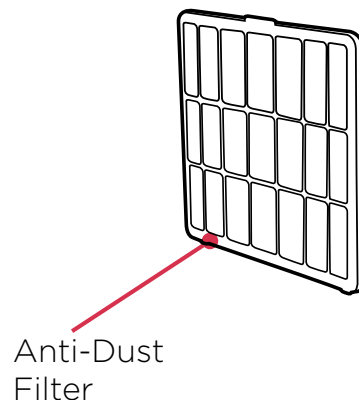
Use a soft damp cloth to wipe the unit clean.

Don't ever use volatile chemicals, gasoline, detergents, chemically treated clothes, or other cleansing solutions. These all could possibly damage the enclosure.

### CLEANING THE FILTER

The plastic dust filter is washable and should be cleaned approximately every 2 weeks when in use (see instruction below).

1. When the filter needs cleaning, the "**Clean Filter**" indicator will light on (after 250 hours of use).
2. Remove the filter from the back of the unit by using your thumbs to press down on the filter tabs.
3. Tap excess dust off the filter.
4. Clean the filter with warm soapy water.
5. Allow to dry naturally and thoroughly before replacing the filter. Do not expose the filter to sunlight.
6. Replace the filter and press the **FILTER** button.



### STORAGE

If not using the unit for an extended period of time. Please:

- Turn the unit off, unplug and take care of the mains lead & plug.
- Completely empty the water tank and clean it thoroughly and wipe it dry.
- Cover the unit and store it upright in a location where it will not receive direct sunlight. NB- Prolonged exposure to direct sunlight will discolour the enclosure.

## Trouble shooting

### **THE UNIT DOES NOT OPERATE:**

- Is the unit plugged in?
- Is the house electricity on?
- Is the room temperature below 5°C or above 32°C? If so, then it is out of the working range of the unit.
- Ensure the ON/OFF switch is turned on.
- Check the water tank is located properly in the unit and it is not full.
- Make sure the air inlet and outlet are not obstructed.

### **THE UNIT SEEMS TO DO NOTHING:**

- Is the filter dusty, contaminated?
- Is the air intake or outlet blocked?
- Is the room humidity already quite low?

### **THE UNIT SEEMS TO DO LITTLE:**

- Are too many windows or doors open?
- Is there something in the room producing lots of humidity?

### **THE UNIT IS TOO NOISY:**

- Check whether the unit is sitting on a level surface.

### **FROST APPEARS ON THE COILS:**

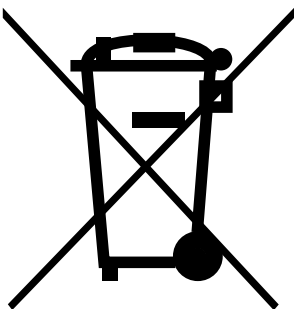
- The temperature is less than 5°C.

### **THE UNIT IS LEAKING:**

- Make sure the unit is on a level surface and the water tank is fitted correctly
- Check that the water tank is not damaged.
- If using in continuous mode, check the hose is fitted correctly.

### **ERROR CODES:**

- EH - Humidity sensor fault.
- E1 or E2 - Temperature sensor fault.
- E3 - Lack of gas to protect.



Recycling: Do not dispose of electrical appliances as unsorted municipal waste. Use separate collection facilities. Contact your local government for information regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the ground water, polluting the food chain and damaging health and well-being.





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GDDE25E & GDDE50E v2