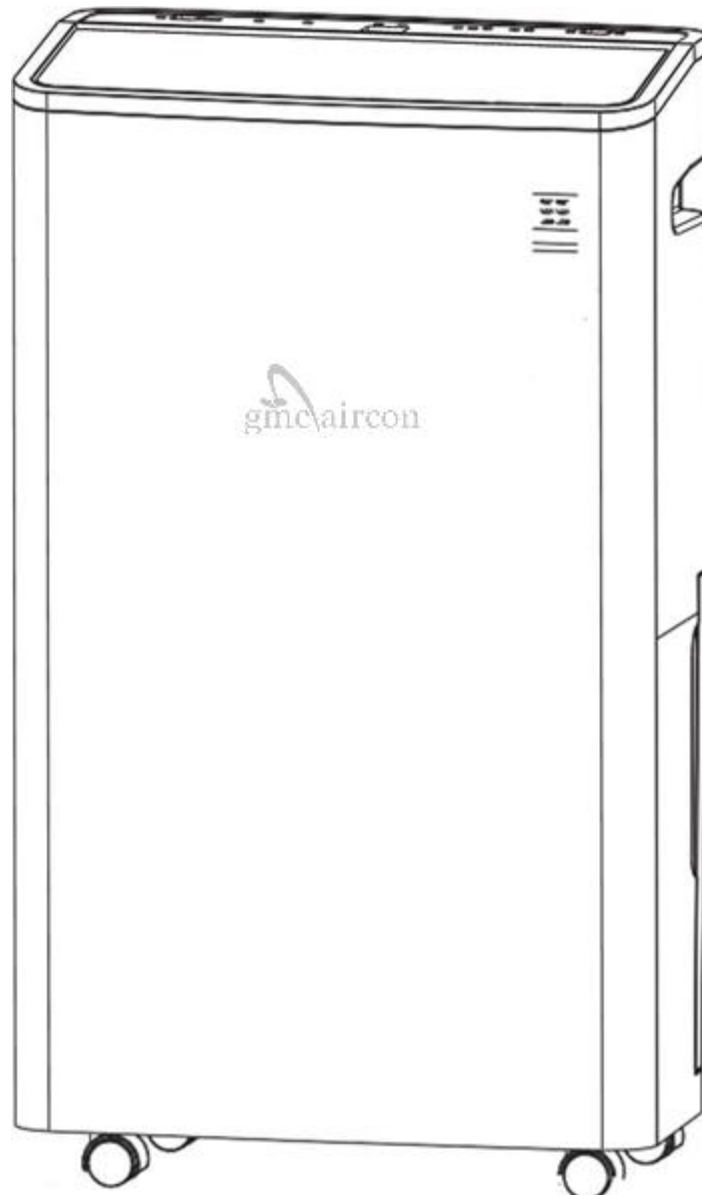




# Dehumidifier

## Instruction Manual



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# IMPORTANT NOTES

Dear Customer

Your new GMCDHW26- Dehumidifier has been manufactured in a state-of-the-art facility and has passed the strictest quality control procedures. Please read this manual carefully before using your appliance for the first time and then please store this manual in a safe place for future reference.

Thank you again for choosing GMC. If you have any issues at all with your product or any questions then the quickest route for resolution is to please contact us through our website [www.gmcaircon.co.za](http://www.gmcaircon.co.za) or on 012-661-1173. We will be able to resolve any issues that may arise and our technical team is always on hand for assistance. We pride ourselves on 100% customer satisfaction and we trust you will enjoy your new product.

Record in the space below the listed information for future reference

Model No .....

Date of Purchase .....

Purchased From .....

**PLEASE NOTE:** Water drawn will depend on the environment being used. Approximately 26 Litre per day when optimal room temperature of 30°C and 80% Relative humidity. If used in less-than-ideal conditions it will draw water at a slower rate. This is not a product fault.

When first using the dehumidifier, operate the unit continuously for 24hrs, the humidity level can be set within a range of 80% RH (Relative Humidity) in 5% reduce or at CO for continuous operations. NOTE: If CO (Continuous) is selected, the dehumidifier will operate continuously at its maximum dehumidification settings if attached to a hose or drain or until the bucket is full.

For drier air, press the - pad and set to a lower percent value (%). For damper air, press the + pad and set to a higher percent value (%). When you first use the dehumidifier, set the humidity control to 45% or 50%, allow at least 24hrs for the dehumidifier to achieve the desired humidity level. If you still have damper air than desired, set the humidity level to a lower setting or select continuous for maximum dehumidification.

## **SAFETY INFORMATION**



Do not attempt to maintain the appliance yourself. Only authorised agents are to carry out repairs.



**Please read this manual carefully and fully understand before operating your dehumidifier.**

### **OPERATIONAL PRECAUTIONS**

- The appliance must have 50cm Clearance around all sides.
- 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.
- Place the appliance on a flat, stable and dry surface and always keep the appliance in an upright position. Operating the appliance in any other position is a hazard.
- Do not place the appliance against a wall or other appliances.
- Do not cover or restrict the air flow inlet or exhaust grills
- Do not use mechanical devices to accelerate the appliances defrosting process.
- Do not place the continuous drainage hose outside when the temperature drops below 1°C
- To avoid circuit overload when using this appliance do not operate another high wattage appliance on the same electrical circuit.
- Always plug the appliance directly into a wall socket. Avoid using an extension lead where possible as they may overheat and cause a risk of an electrical fire.
- Do not operate the appliance with the water tank removed.
- Do not operate the appliance with any safety guards removed
- The appliance shall be disconnected from its power source during maintenance.
- Always operate the unit from a power source of equal voltage, frequency and rating as indicated on the product identification plate.
- 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 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 aluminum 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.
- The appliance shall be stored in a well-ventilated area where the room size corresponds to the room area as specified for operation.

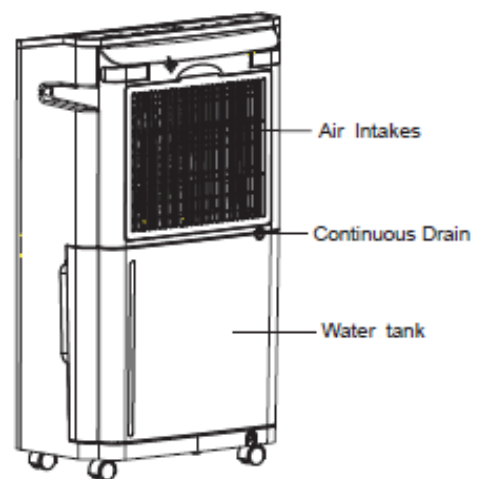
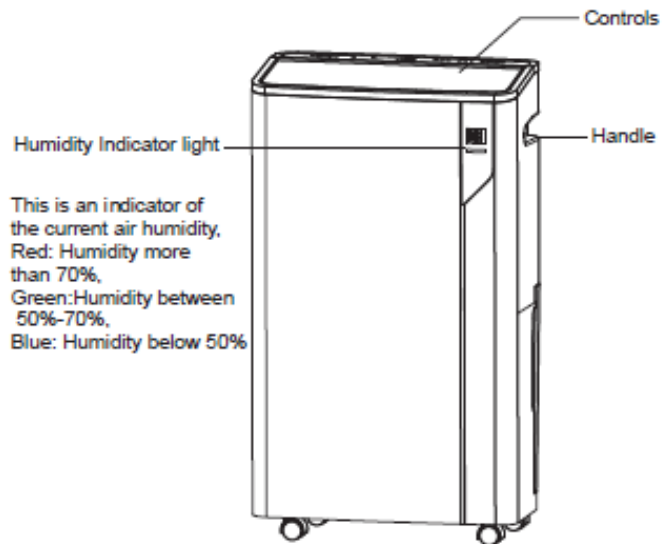


Servicing shall only be performed as recommended by the equipment manufacturer. Maintenance and repair requiring the assistance of other skilled personnel shall be carried out by the manufacturer. If you don't understand something or need help, please contact us on 012-661-1173 or [www.gmcaircon.co.za](http://www.gmcaircon.co.za)

# PRODUCT OVERVIEW/PARTS

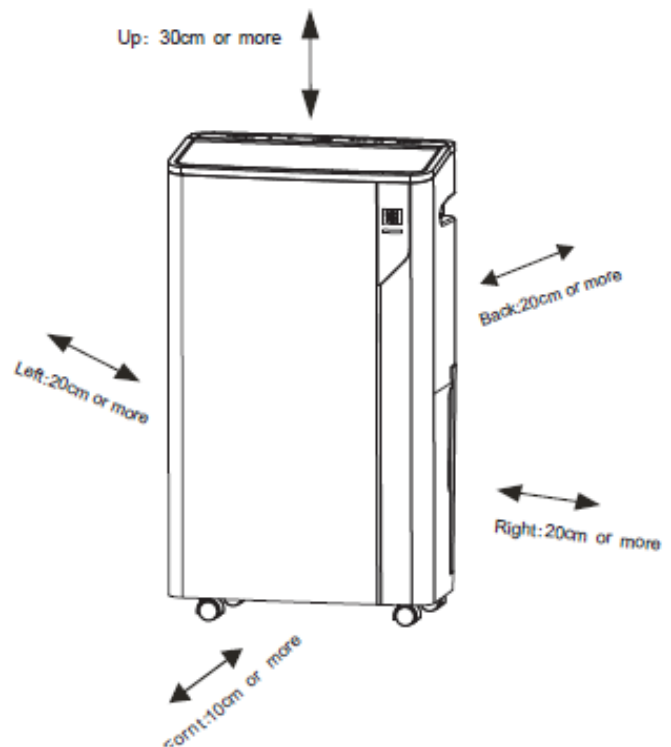
**Front**

**Back**



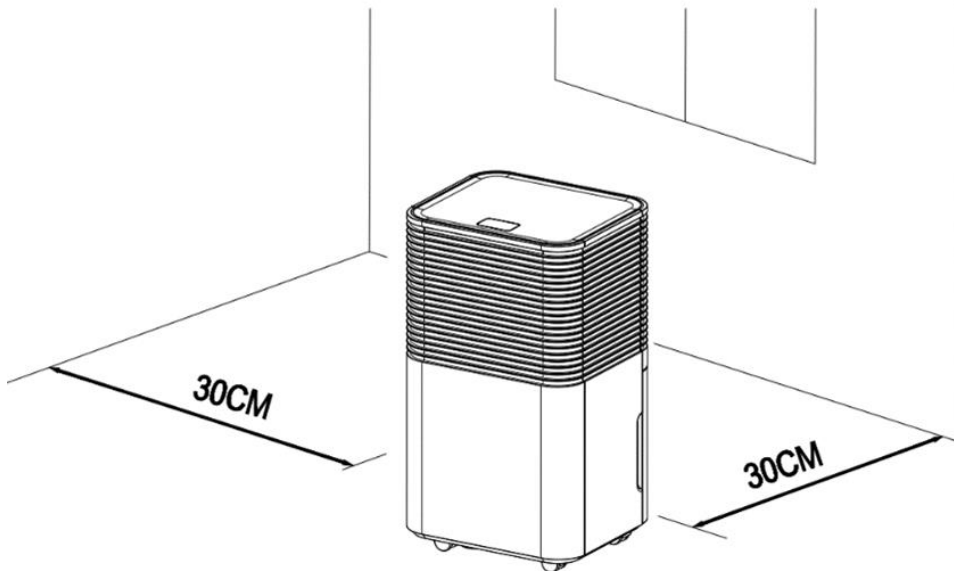
## Installation

For efficient operation of the dehumidifier, spacing are required as shown below.



## **PRODUCT INSTALLATION**

- Place the unit on a firm, level surface in an area with at least 50cm of free space around it to allow for proper air circulation.
- Never install the unit where it could be subject to heat sources such as radiators, heat registers, stoves or other products that produce heat.
- Do not place in an area where oil or water may be splashed
- Do not place in direct sunlight
- Do not place near mechanical vibration or shock
- Do not place near excessive dust
- Do not place on an uneven surface



## **NORMAL OPERATION**

**PLEASE NOTE:** The operating duration depends on the surrounding environment. In drier areas, it may work slower, while in high-humidity conditions, it will draw water faster. The unit's performance is tailored to its environment, and it's been rigorously tested to perform as designed. Factors such as the humidity level, area size, and room temperature will all depend on how long it takes to draw out the correct moisture.

The rate at which water is collected in the tank depends on factors such as room temperature, the size of the room, and the source of humidity. It is a known fact that at low room temperature, the extraction rate is also low. The higher the humidity, the better the result.

If the unit is not drawing water or at a slow rate it's highly likely that the environment it is being used is not humid enough for the product to draw water.

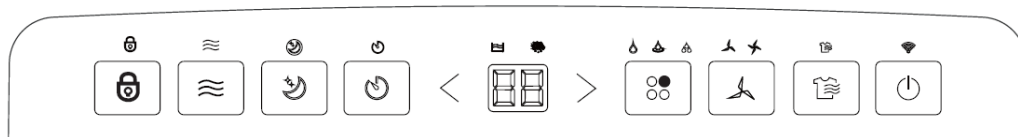
This is not a product fault. If you are unsure or have any questions at all please do not hesitate to get in touch with one of the GMC technical team on 012-661-1173 or [www.gmcaircon.co.za](http://www.gmcaircon.co.za)

The below are normal when operating the dehumidifier.

<i>Operation stops occasionally</i>	The unit is defrosting
<i>Dehumidified volume is small</i>	Dehumidifier volume is less when the room temperature is low, The unit stops operating when the room temperature is below approx. 5°C. The unit stops dehumidifying because the humidity in a room drops to the set humidity in "Normal dehumidifying" mode.
<i>The humidity in a room is still high</i>	The room size may be too large. The recommended room size 25-40m <sup>2</sup> The doors or other windows of the room may be opened and/or closed frequently. The dehumidifier is used together with a kerosene heater which emits vapor.
<i>Bad smell during operation</i>	Smell is emitted from the walls, furniture or other objects.
<i>Sound is produced with in the unit</i>	Circulation of the refrigerant may cause sound until it is stable.
<i>The buzzer sounds</i>	The buzzer sounds when the water tank is full of water.



# **OPERATING INSTRUCTIONS**



## **Indicator Lights**

Full of water	Ventilation	Defrost	Strong dehumidifying
Timer		Normal dehumidifying	Low wind
Sleep	Child lock	Continuous dehumidifying	High wind
Dry clothes			



### **Power Button**

Press the Power button to turn the dehumidifier on or to put it in standby mode. The dehumidify mode indicator and room humidity will be displayed once the dehumidifier turns on.

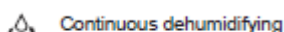


### **Mode Button**

Press this button repeatedly to select the desired dehumidification operation mode: Normal Dehumidifying, Continuous Dehumidifying, or Strong Dehumidifying. The corresponding dehumidify mode indicator will be displayed.

### **Normal Dehumidifying Mode** Normal dehumidifying

The appliance operates based on the desired humidity settings. Once the humidity reaches the preset level, the appliance automatically stops dehumidifying the air.



### **Continuous Dehumidifying Mode**

The appliance constantly operates with the dehumidifying function, and the fan runs at a fixed low speed that cannot be adjusted.

### **Strong Dehumidifying Mode** Strong dehumidifying

The default target humidity level is 30%, and the appliance continuously operates with the dehumidifying function until the ambient humidity reaches that level. The fan will operate at high speed and cannot be adjusted.

## Dry Clothes Mode Dry clothes

The appliance constantly operates with the dehumidifying function. The fan runs at high speed and cannot be adjusted.

Press the button repeatedly to set the desired humidity level between 30% and 80% in 5% increments. The LED light will flash on the display during adjustment and will return to normal after 5 seconds. Once the desired humidity level is set, the compressor will continue to operate until the room humidity level is lower than the desired humidity level or the water tank is full.



## Humidity Setting

Press the < and > buttons repeatedly to set the desired humidity level between 30% and 80% in 5% increments. The LED light will flash on the display during adjustment, and it will return to normal after 5 seconds of setting. Once the desired humidity level is set, the compressor will continue to operate until the room humidity level is lower than the desired humidity level or the water tank is full.

Note: The humidity level can only be adjusted under Normal Dehumidifying mode.



## Fan Speed

Press the Fan Speed button to set the fan speed to high or low, and the corresponding fan speed indicator will be displayed. Fan speed can only be adjusted under Normal Dehumidifying and Air Clean modes.

## Timer Timer

Press the Timer button to set a turn-on or shut-off timer for a duration between 1 and 24 hours.

Setting a Turn-On Timer: When the dehumidifier is off, press the timer button and then use '<' or '>' to select the desired number of hours before operation resumes. The timer light will illuminate when a timer is set.

Setting a Turn-Off Timer: When the dehumidifier is on, tap the timer button and use '<' or '>' to reach the desired number of hours before you want it to turn off. The timer light will illuminate when a timer is set.

## Ventilation Ventilation

Press the Ventilation button, and the corresponding indicator will light up; however, the compressor won't work. Press the fan speed button to adjust the fan speed to high or low.

### **Sleep** Sleep

Press the Sleep button to activate the sleep function while the machine is still operational in any mode. All lights, except the sleep light, water full light, and child lock light, will be turned off. Press any key in sleep mode to perform functions and wake up.

### **Child Lock** Child lock

Press the Child Lock button for 5 seconds to activate or deactivate the Child Lock function. When entering the child lock, the LED displays 'LC' and flashes for 5 seconds, then resumes the normal display. Pressing other keys in the child lock state will cause the LED to display 'LC' and flash for 5 seconds, reminding you of the locked state. Pressing the power button in the child lock state can turn the machine on or off.

### **Defrost Function** Defrost

When frost builds up on the evaporator coils, the automatic defrost function will be initiated. The compressor will turn off, and the fan will continue to run until the frost is removed.

If the unit is operating in a room temperature between 5°C and 12°C, it will pause for about 3 minutes every 8 minutes to defrost. In a room temperature between 12°C and 18°C, it will stop for about 5 minutes every 25 minutes. When the unit is running in a room temperature between 18°C and 23°C, it will pause for about 5 minutes every 120 minutes.

Wait for 3 minutes before resuming operation. After the compressor has stopped, it cannot restart operation until 3 minutes have passed.

### **Water Tank Full Indicator** Full of water

When the water tank is full, the 'water full' indicator will be displayed, and the buzzer will beep 20 times. The compressor will then stop, and the fan will automatically stop after several minutes.

Note: The 'full' indicator will also be displayed if the water tank is removed or not placed in the proper position.

### **Auto-restart**

If the unit shuts off unexpectedly due to a power cut, it will automatically restart with the previous function settings when power is restored. However, if the timer is set before a power failure, the auto-restart function will be deactivated.

### **Air Purifier**

The unit is fitted with a HEPA Filter with an operational life of +/-4500 hours. The Air Purifier will run when the dehumidifier is in all modes. If you only want the Air Purifier to run, you can activate it in 'Ventilation Mode.

# **WIFI SETUP INSTRUCTIONS**

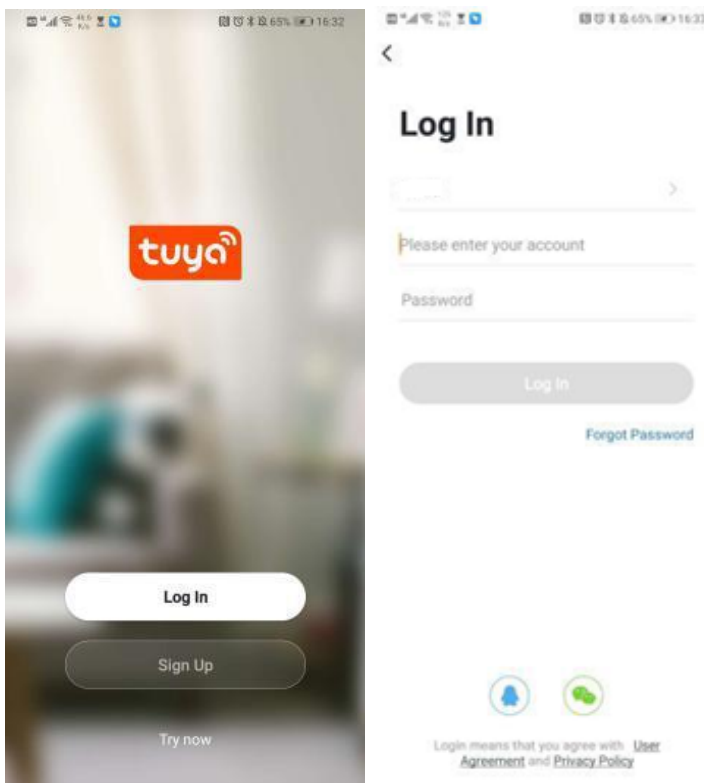
## **1. Download and Install the Tuya Smart Life App:**

- Locate and download the "Tuya Smart Life" app from either the Apple App Store or Google Play Store.
- Alternatively, scan the QR code below to access the app.



## **2. Register on the App**

- Follow the registration process within the app.



### 3. Power On and Enter Standby Mode

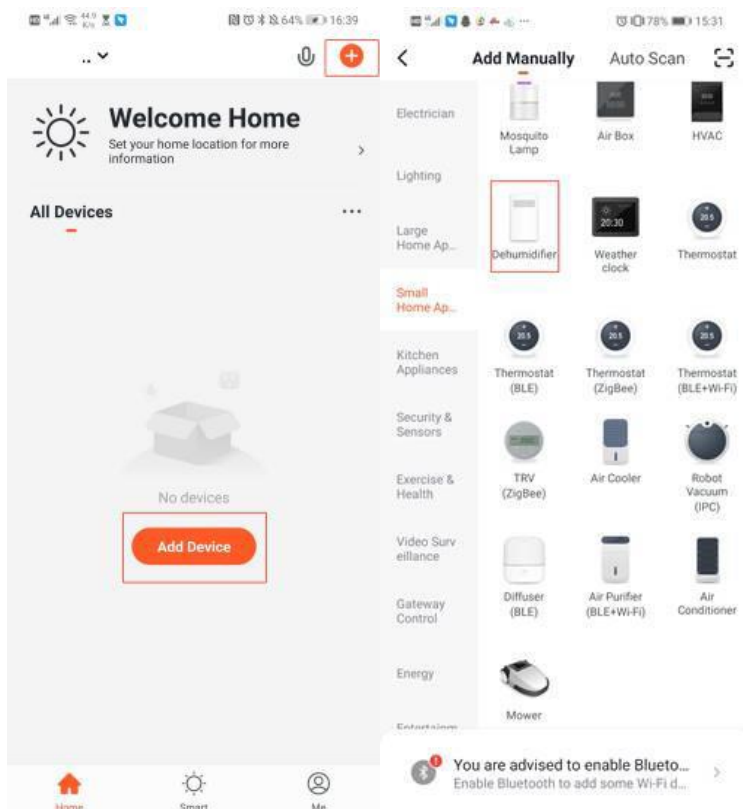
- Ensure the dehumidifier is powered on and in "Standby Mode."
- If it enters the "power on" state, press the 'Standby' button to transition to standby mode.

### 4. Configure Wi-Fi Settings:

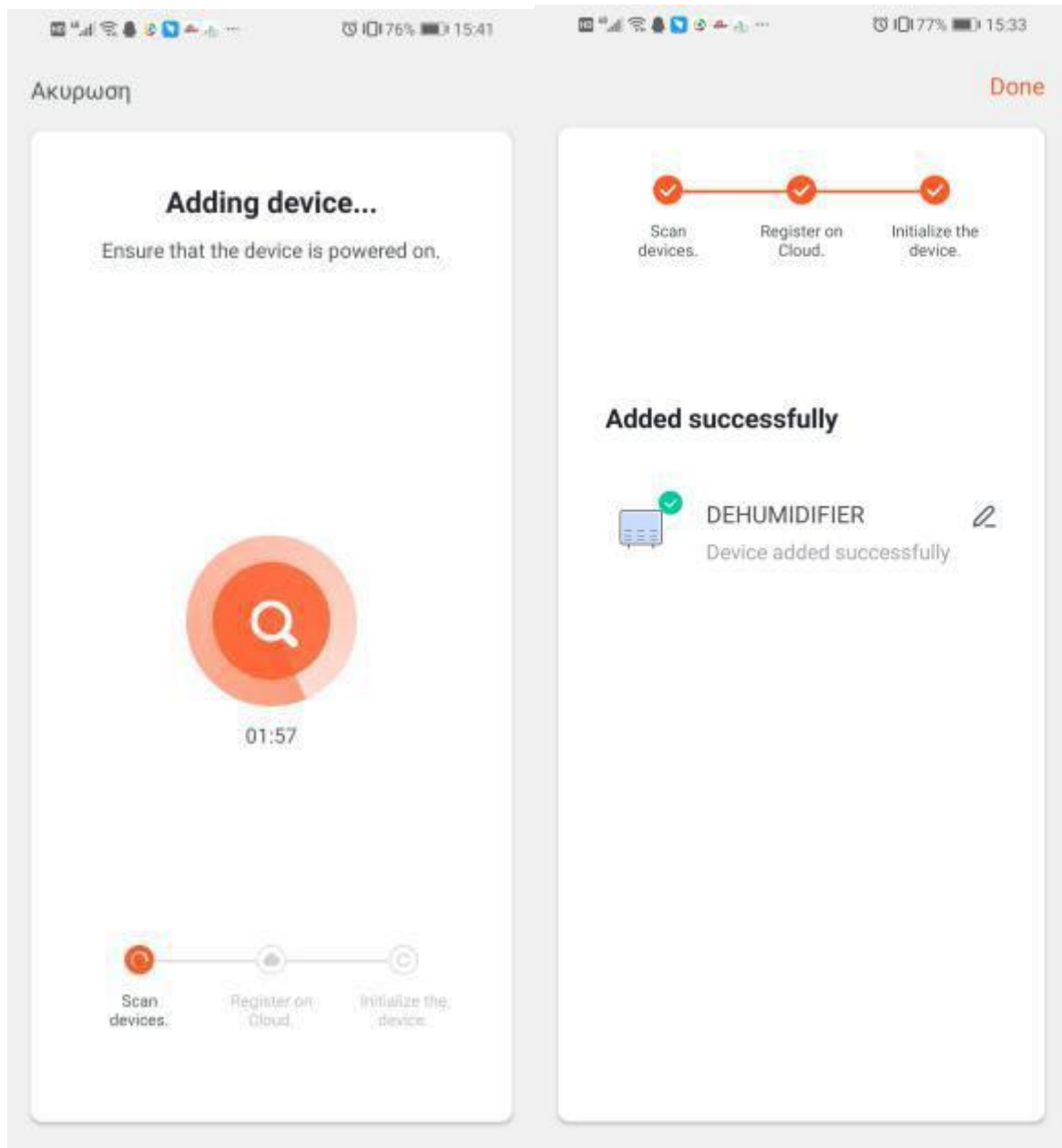
- When the device is in standby mode, press and hold the mode button for 5 seconds. The buzzer will beep, and the WIFI light will flash quickly, entering configuration mode.
- If the WIFI light is not on, press the mode button for 5 seconds until the WIFI light flashes quickly (automatic pairing mode after powering on).

### 5. Add Device on the App:

- Once the WIFI light is flashing quickly, add the device on the app.
- On the app page, select "small appliance" in the device bar, then choose the dehumidifier.



- Follow the WIFI pairing prompts. Successful pairing results in a steady WIFI light; if unsuccessful, repeat the steps.



## 6. Operate the Product through the App

- After successful configuration, use the app to operate the dehumidifier.



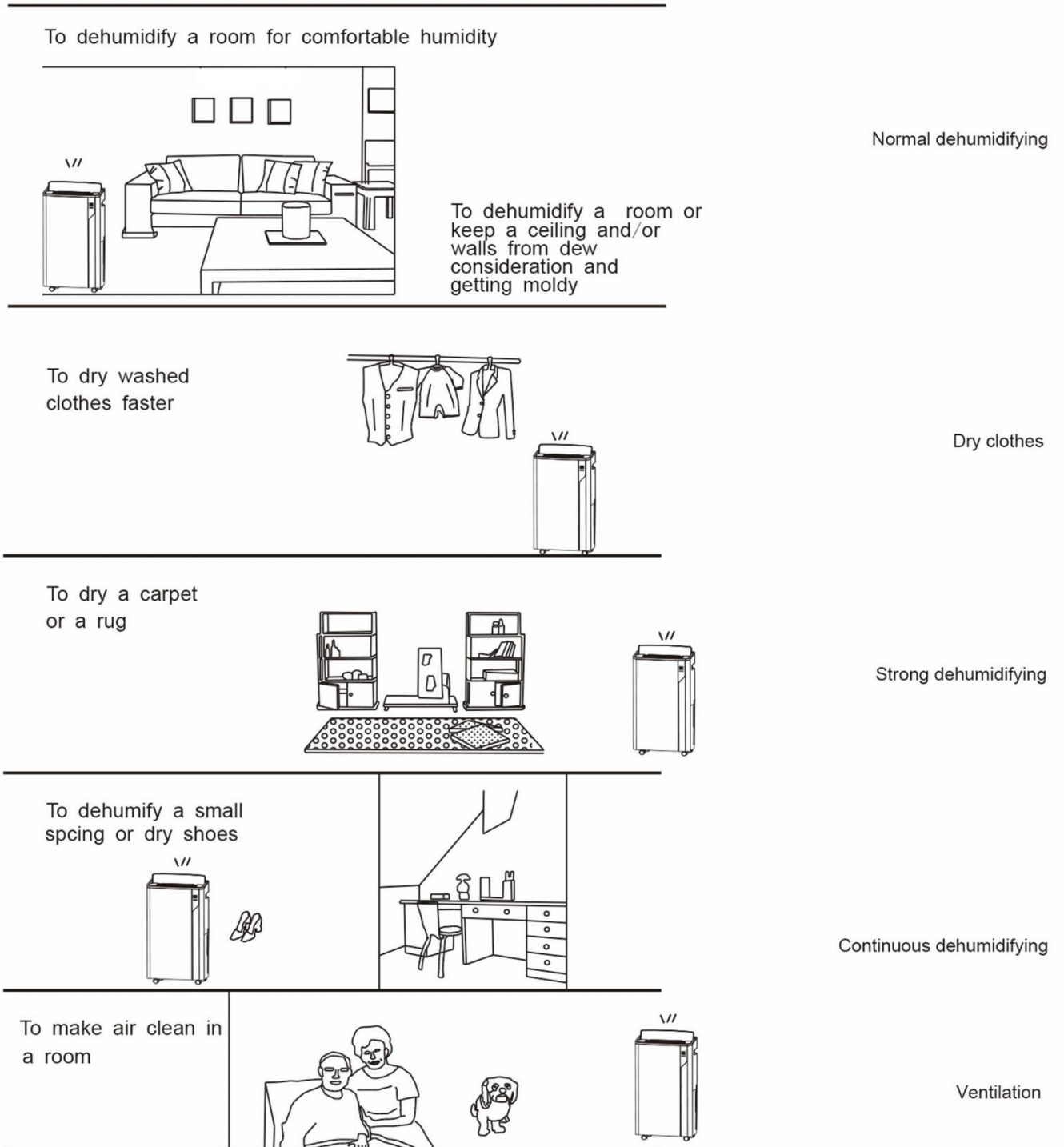
## 7. Reconfiguration for Network Changes:

- In case of network changes, reconfigure the device (refer to steps three, four, and five).

## 8. Share the Device with Family

- For a successfully configured product, click the upper right corner of the app, select "Share Device," and share with family members (note: all family members need to be registered on the APP)

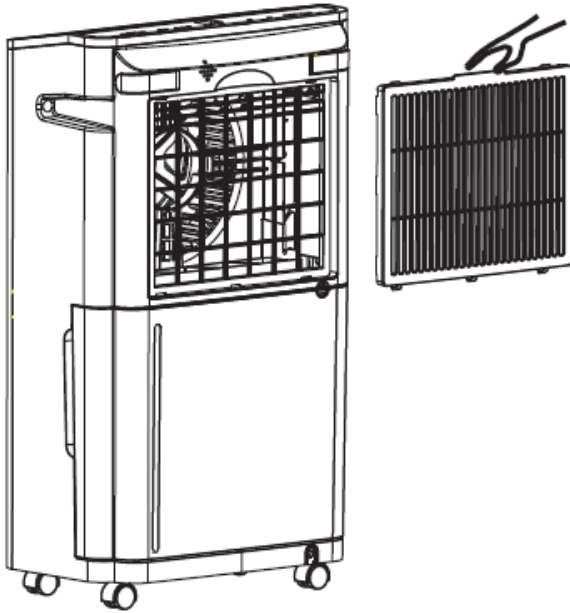
# FUNCTION SELECTION DIAGRAM



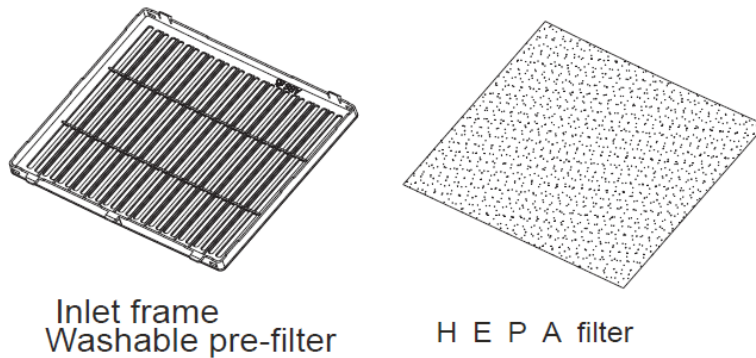


## **FILTER REPLACEMENTS**

1. Remove the inlet frame from the back cover.



2. Take the HEPA filter out of the polyethylene bag and place it onto the inlet frame. Then, install the filter holder onto the inlet frame (the unit already has the HEPA filter installed before packing; this step is only for new HEPA Filter installations)



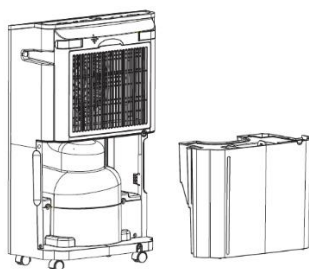
N.B. In case of improper setting conditions, you cannot attach the back cover to the unit.

## **WATER TANK INSTRUCTIONS**

- When the tank is full the “Water Full” light will turn on.
- Press the POWER button to turn off the unit.
- Pull on the water tank and simply slide it out of the body of the dehumidifier.
- Empty the water into an area with a drain or an outside drainage area.
- Clean the inside of the tank as well as the outside.
- Replace the empty tank back into the unit.
- Press the POWER button to resume operating.
- If the Water Full light does not extinguish, check that the float is correctly in place.

### **Installation Instructions**

Your dehumidifier will not operate when the water tank is full or not set properly.



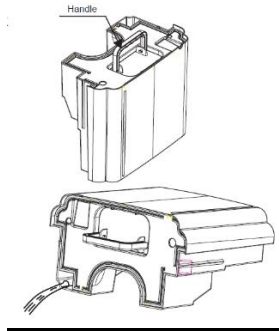
#### 1. How to remove:

Gently draw the water tank toward you by holding the concave part of the tank.

#### 2. How to set:

Push the tank horizontally and gently; the handle will lie down by itself.

## Emptying the Water Tank



1. Remove the water tank from the dehumidifier.
2. Hold the tank by the handle and carry it gently.
3. Tilt the tank in the direction as shown and slowly empty the water out of the tank.
4. Set the tank back in the dehumidifier.

### **Note** ←

After the dehumidifying operation, water is collected in the water tank. When the tank is full, the dehumidifier stops operating automatically, and the buzzer sounds. If the tank is taken out during the operation, the buzzer will sound for 20 seconds.

## **MAINTENANCE**

Proper maintenance and care are essential for ensuring optimal performance and longevity of your dehumidifier. Regularly clean the filters, inspect for any debris, and follow the recommended maintenance schedule outlined in this manual. By adhering to these guidelines, you'll enhance the efficiency and lifespan of your equipment, providing you with reliable and effective operation for years to come.



### **Warning**

To avoid the risk of electric shock, never connect and disconnect the plug with your hands wet.



Prohibit wet hand



### **Caution**

Turn off the unit and disconnect the power plug before cleaning or other routine maintenance.



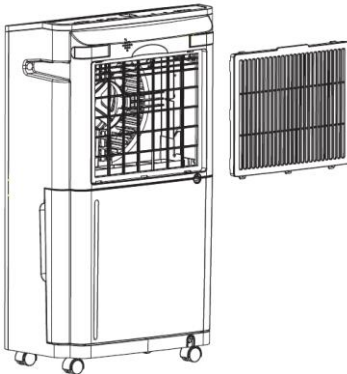
Do not remove the float lever from the water tank.



Prohibit

## **Air Intake Cleaning (Every 2 weeks)**

The dehumidifying capacity will be lowered when the air clean filter gets clogged.



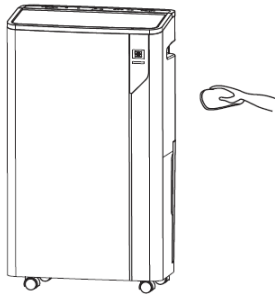
To clean the filters:

1. Remove the back cover from the unit and take out the filter holder.
2. Remove the air clean filter and the back filter.
3. Pull the back cover toward you to detach it from the unit and remove the side filter.
4. To dislodge dust from these filters, use a vacuum cleaner or pat them lightly.
5. If the filters are significantly fouled, wash them in water with a neutral detergent, rinse well, and leave them until dry.
6. Pat the air clean filter to dislodge dust from it.

Note: HEPA filters need to be replaced approximately every 4500 hours of usage.

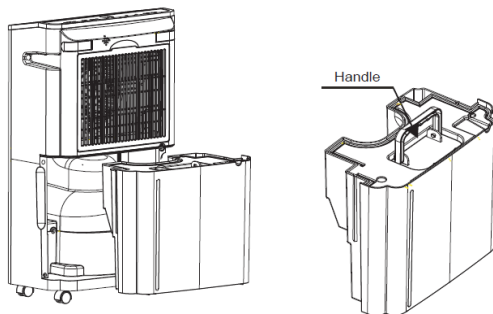
## **Housing Cleaning**

### **1. Housing**



1. To avoid malfunction or abnormal sounds, keep the unit upright.
2. Wipe the dehumidifier with a dry and soft cloth.
3. For removing heavy dirt, wipe it with a cloth wrung tightly. (Never use a wet cloth for cleaning the controls.)
4. To prevent deformation or cracking, do not use benzine, thinner, or liquid cleaners.
5. Chemical cloths may cause a change in color or damage to the unit

### **2. Water Tank Cleaning**



Important: The Water Tank Cover is detachable for cleaning purposes only.

1. Turn off the dehumidifier and unplug it before removing the water tank.
2. Remove the water tank:
3. Wash the inside of the tank with water (Do not scratch).
4. Do not remove the float from the water tank.
5. Never use strong chemicals, oil-based products, detergents, chemically treated cloths, or other cleaning solutions, as these could damage the water tank.

## **CONTINUOUS DRAINAGE INSTRUCTIONS**

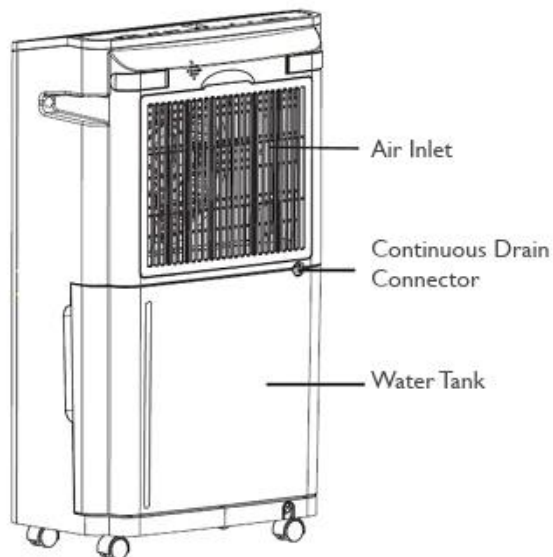
Turn off the dehumidifier, take out the water tank; you will see there is a water drain hole. Insert the water pipe into the drain hole and then insert the water tank back into the dehumidifier.

Place the other end of the water pipe into a washbasin, bucket, etc. Turn on the dehumidifier again. The dehumidifier will collect the water, and it will flow through the pipe into the washbasin, etc.



### **Warning**

1. Please do not block the drain or drain pipe, if the drain pipe is blocked the water will flow back into the water tank.
2. Please do not bend the drain pipe. The height of the drain pipe should be lower than the outlet so gravity can allow the correct flow of water.
3. The drain pipe shall be securely connected to the outlet.



## **SPECIFICATIONS**

<b>Model Number</b>	<b>GMCDHW26</b>
Auto-stop function	Yes
Capacity	Approximately 26 Litre per day when optimal room temperature of 30°C and 80% Relative humidity
Cooling element	Compressor
Color	White
Coverage Area	25-40m <sup>2</sup>
Decibel Rating	42dB(A)
Material	ABS
Minimum working environment	Temperature: 5°C
Optimum working environment	Temperature: 30°C Humidity: 80%
Power Supply	220V-240V~ (50Hz)
Packed Dimensions	38.4cm(W) X 23.4cm (D) X 65cm (H)
Unpacked Dimensions	35cm (W) X 20cm (D) X 60Cm (H)
Voltage and power	220-240V 440W
Water Tank Capacity	5.5 Liters
Weight (Packed)	13KGS
Weight (Unpacked)	12KGS

## **FEATURES**

- Air Purifier
- Automatic Humidistat Control
- Auto Restart
- Automatic Bucket Full Shut-Off
- Child Lock Mode
- Continuous Drainage
- Continuous dehumidifying mode
- Defrost Function
- Dry Clothes Mode
- External Drain Connect
- Fan Speed Control
- LED display and Electronic Controls
- Low Noise  $\leq 42\text{dB(A)}$
- Normal Dehumidifying Mode
- Removable water tank for easy filling and cleaning.
- Sleep Mode
- Strong Dehumidifying Mode
- Timer
- Ventilation Mode
- Water-full indicator



## **TROUBLESHOOTING**

The rate at which water is collected in the tank depends on factors such as room temperature, the size of the room, and the source of humidity. It is a known fact that at low room temperature, the extraction rate is also low. The higher the humidity, the better the result.

If the unit is not drawing water or at a slow rate it's highly likely that the environment it is being used is not humid enough for the product to draw water.

This is not a product fault. If you are unsure or have any questions at all please do not hesitate to get in touch with one of the GMC technical team on 012-661-1173 or [www.gmcaircon.co.za](http://www.gmcaircon.co.za)

<b>Problem</b>	<b>Points to be checked</b>	<b>Resolution</b>
<i><b>Non operational</b></i>	Check to see if the power plug is disconnected.	Insert the plug into an electric outlet fully and securely.
	Check to see if the water tank is full of water.	Empty the water tank
	Check to see if the water tank is not set properly in position.	Correctly set the water tank
	Check to see if all the flaps are closed.	Open one of the flaps.
<i><b>Extracted water volume is low</b></i>	To see if the filters are dirty.	Clean the filters as specified.
	Check to see if the air openings are blocked up.	Remove obstacles from the air openings.
	Check to see if the dehumidifier is in air Clean mode.	Change the operation mode to the dehumidifying mode.
<i><b>Loud sound while operating</b></i>	Check to see if the unit is not installed as specified.	Install the unit on a level and stable floor.
<i><b>Operation stops during dehumidifying</b></i>	Check to see if the room temperature is higher than the usable operating temperature.	The dehumidifying operation will be started automatically when the temperature lowers.
<i><b>Washed clothes are not dried</b></i>	Check to see if washed clothes are not exposed to the air from the unit.  Check to see if the room temperature is Too low.	Washed clothes are hard to be dried under Low temperature conditions.

Please note that the following below are normal operational procedures for the dehumidifier

<b><i>Operation stops occasionally</i></b>	The unit is defrosting
<b><i>Dehumidified volume is small</i></b>	Dehumidifier volume less when the room temperature is low, The unit stops operating when the room temperature is below approx. 5°C. The unit stops dehumidifying because the humidity in a room drops to set humidity in "Normal dehumidifying" mode.
<b><i>The humidity in a room is still high</i></b>	The room size may be too large. The recommended room size for the GMCDHW26 is 25-40m <sup>2</sup> The doors or windows of the room may be opened and/or closed frequently. The dehumidifier is used together with a kerosene heater which emits vapor.
<b><i>Bad smell during operation</i></b>	Smell is emitted from the walls, furniture or other objects..
<b><i>Sound is produced with in the unit</i></b>	Circulation of the refrigerant may cause sound until it is stable.
<b><i>The buzzer sounds</i></b>	The buzzer sounds when the water tank is full of water.

## **DECOMMISSIONING**

Long-term storage - 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. Press power button to 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 at its position.
6. The unit must be kept in upright position when in storage.
7. Preserving the machine in ventilating, dry, non- corrosive gas and safe place indoor.

## **SERVICE AND WARRANTY**

GMC Airconditioning PTY (Ltd) was established in 1995 and is one of South Africa's leading cooling and heating companies. We pride ourselves on 100% customer satisfaction and have the highest online rating of all heating and cooling companies in South Africa. We will strive to ensure you are 100% satisfied with your product.

In the rare case of encountering any issues with your product or would like some support please contact us directly on 012-661-1173 or [www.gmcaircon.co.za](http://www.gmcaircon.co.za) as this will allow us to react quickly to your request. If you have bought this product from one of our partner platforms, then contacting us directly will allow us to resolve the issue for you in a timelier fashion. We are here to help you and ensure you are 100% satisfied.

Please read this instruction manual carefully before setting up or using this product. If you believe this product to be suffering from a manufacturing fault, or if you have any inquiries about this product, please contact our customer support.

### **CUSTOMER SUPPORT**

#### **GMC Airconditioning PTY (Ltd)**

**35 Sarel Baard Crescent**

**Gateway Industrial Park**

**Centurion**

**0046**

**Telephone:** +27 (12) 661-1173

**Website:** [www.gmcaircon.co.za](http://www.gmcaircon.co.za)

**Email:** [info@gmcaircon.com](mailto:info@gmcaircon.com)

When contacting our customer support, please have the information below available. All warranty requests must be accompanied by a proof of purchase, which is a copy of the original receipt.

**Model:** .....

**Date of purchase:** .....

**Purchased from:** .....