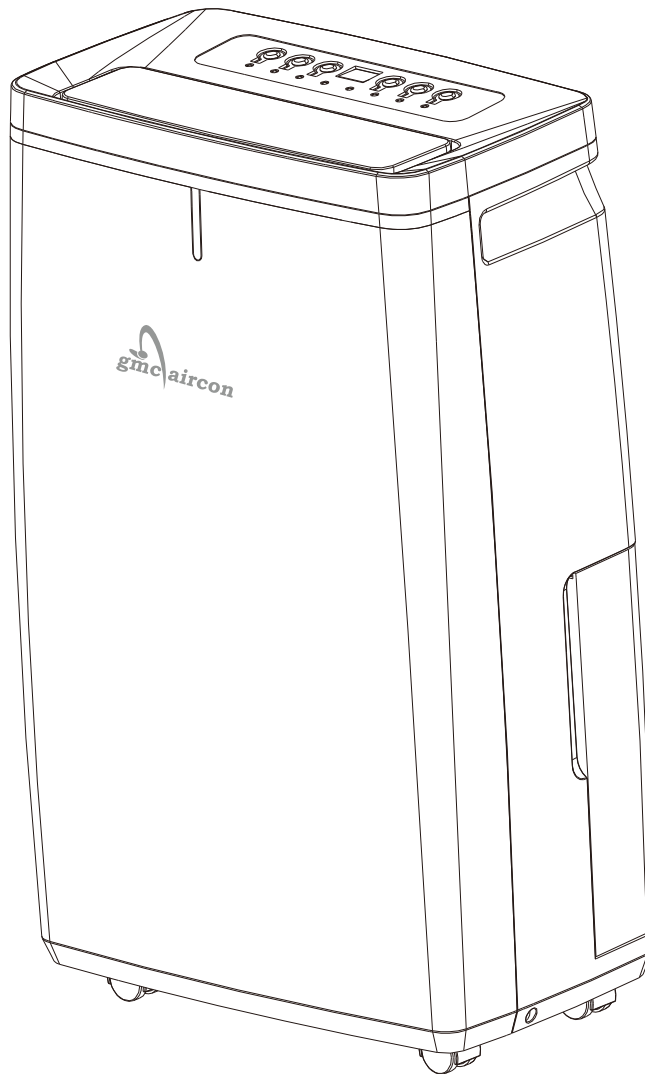




GMCDH-26

# Dehumidifier

## Instruction Manual



For enquiries or support: visit [www.gmcaircon.co.za](http://www.gmcaircon.co.za) or contact us on 012-661-1173

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## **IMPORTANT NOTES**

Dear Customer.

Your new GMC 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 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 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.

SERIAL NUMBER.....

DATE OF PURCHASE.....

PURCHASED FROM.....



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






When first using the dehumidifier, operate the unit continuously for 24 hours, the humidity level can be set within a range of 80% RH(Relative Humidity) to 30% RH(Relative Humidity) in 5% reduce or at CO for continuous operation. NOTE: If CO (Continuous) is selected, the dehumidifier will operate continuously at its maximum dehumidification settings if attached to a hose to 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 24 hours for the dehumidifier to achieve the humidity level. If you still have damper air than desired, set the humidity level to a lower setting or select continuous for maximum dehumidification.

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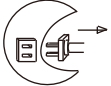








# Precautions

Please read "Precautions " carefully before operating your dehumidifier.  
The warnings and the cautions stated in "Precautions " must be observed for safe operation.






-  Warning means improper handling may result in a death or a serious injury to a person.
-  Cautions means improper handling may result in an injury or damage to properties.
-  Shows Prohibited
-  Shows Compulsory
-  Shows Caution



## Warnings

- In case of any abnormality, be sure to turn off the dehumidifier, disconnect the plug and contact us on 012-661-1173 or info@gmcaircon.com or www.gmcaircon.co.za.  
(Abnormal operation may result in a failure of the unit, electric shock, fire, or the like.)  Pull off plug
- Never attempt to turn off the dehumidifier by disconnecting the plug.  Prohibited
- Never modify the dehumidifier. Do not attempt to disassemble or service the unit by yourself.  Prohibited disassembly
- Keep your hands dry while plugging into or pulling out the plug to avoid electric shock.  Prohibit wet hand
- AC220-240 volt of alternating current is applied to this equipment.  220-240V~  
alternating current
- Remove any dust from the blades of the power plug and insert the plug into an outlet securely.  Wipe off dust
- To avoid the risk of fire or explosion, do not spray the dehumidifier. Do not put any inflammables or chemicals near the unit.  Prohibited
- To prevent resin parts from melting or catching on fire, do not place the dehumidifier near heating appliances.  Prohibited
- Do not connect the dehumidifier to an outlet having the electrical ratings below the dehumidifier's.  Prohibited

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- The power cord must not be damaged or modified. Do not put any hot or heavy thing on the cord. Do not pull it out, or bundle it during operation.  Prohibited
- To avoid damages to the power cord, do not pinch the cord in a door.  Prohibited
- Never put rods or objects into the openings of the dehumidifier. Because this unit contains a fan running at high speed, contact with the moving fan will cause serious injury.  Prohibited
- Remove water that has been collected in the tank.  
(Accidentally drinking of the water or using it for other purpose may cause illness and /or unforeseen accidents.)  Throw away
- Risk of electric shock. disconnect power before servicing unit  
Moving parts. Do not operate the unit with the back cover removed.  
Hot parts. Risk of electric shock-switch in off position does not de-energize all loads.  Warning

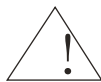
#### Correct Disposal of this product








This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources.  
To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

- a. "The appliance shall be installed in accordance with national wiring regulations"
- b. "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."
- c. "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."
- d. "Children should be supervised to ensure that they do not play with the appliance."





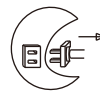
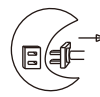





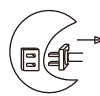


 Warning



## Cautions

- The dehumidifier must be used on a level and stable surface.  Use on flat ground
- To prevent the water from freezing, do not use the dehumidifier and the drain hose at ambient temperature below 0°C  Prohibited
- Do not put water vessel on the dehumidifier  
(In case of any spill of water, the water gets into the unit and deteriorates the insulation.)  Prohibited
- Never attempt to use the dehumidifier for special uses, such as food or preservation of art objects, or the like. The deterioration of preserving quality may be caused.  Prohibited
- Do not use the dehumidifier where any leakage of oil or flammable gas may take place.  Prohibited

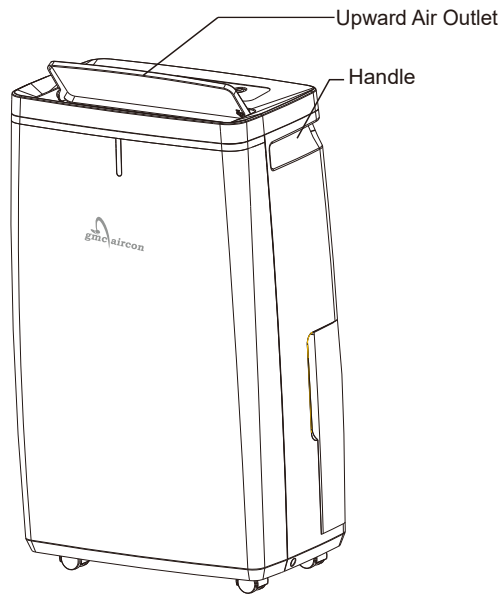
For enquiries or support: visit [www.gmcaircon.co.za](http://www.gmcaircon.co.za) or contact us on 012-661-1173

- Do not use the unit in places subject to chemicals.  Prohibited
- For continuous draining, make sure that the drain hose is set properly without a rising slope.  Ensure drain hose
- Be careful that a heating appliance is not exposed to the wind from the dehumidifier.  Prohibited
- Do not use the dehumidifier as a chair or a footstool.  Prohibited
- For safety purpose, disconnect the power plug if the unit is not use for a long time. 
- Be sure to take hold of the power plug when plugging in and out of an outlet. 
- In case of using the dehumidifier in a closet, be sure to prevent children from getting in the closet.  Prohibited
- Do not remove the float lever from the water tank.  Prohibited
- To avoid damages to the power cord, do not pull out the cord when moving the unit.  Prohibited
- Do not block up the air intakes and the air outlets. Do not cover the unit with washed clothes.  Prohibited
- Prior to continuous operation for a long duration, periodic checking is required especially for the air clean filter, the drain hose, or the like.  Schedule check out
- Turn off the unit and disconnect the power plug before starting any cleaning or other routine maintenance. 
- To avoid the risk of electric shock, never sprinkle or spill water on the dehumidifier when cleaning.  Prohibited
- Turn off the unit and empty the water out of the water tank when moving the unit. Be sure to hold the handle when moving.  Shut off operation and drain water when moving

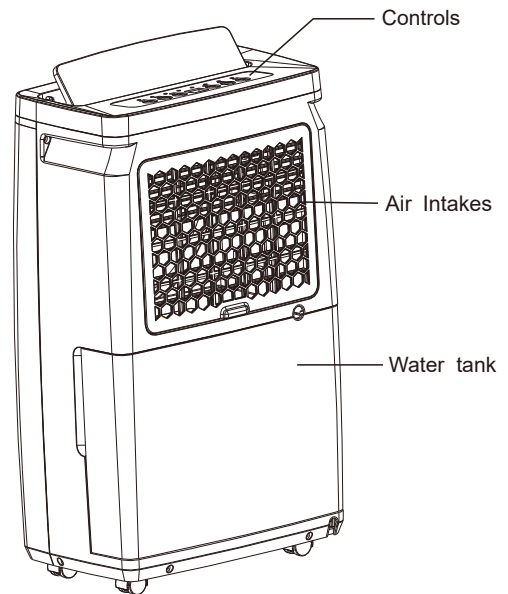
For enquiries or support: visit [www.gmcaircon.co.za](http://www.gmcaircon.co.za) or contact us on 012-661-1173

# Parts Names and Functions

**Front**



**Back**

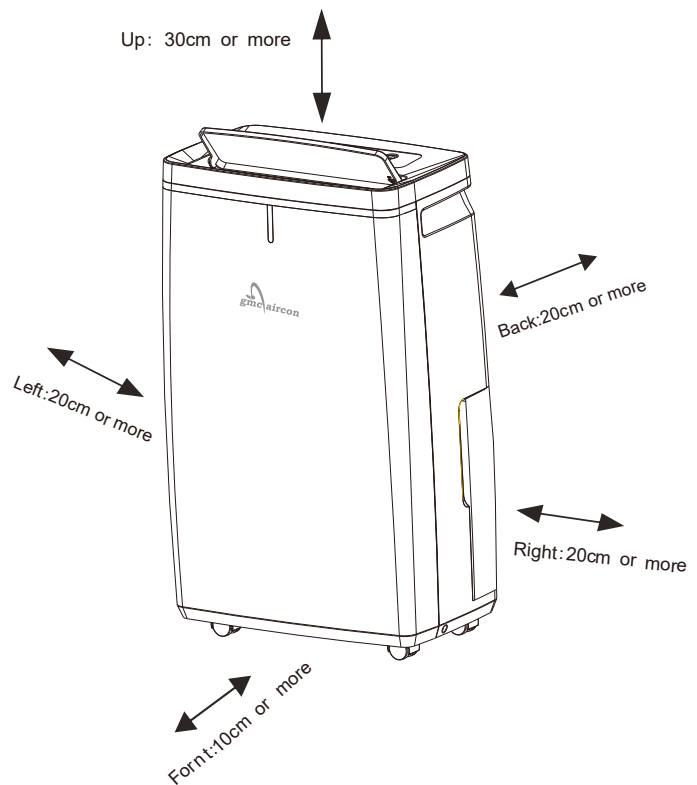


## Installation

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

### Note

In case TV sets, radio etc. are disturbed with noises, keep them apart from the dehumidifier by 70cm or more.



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# Operation and Performance

## Defrosting operation

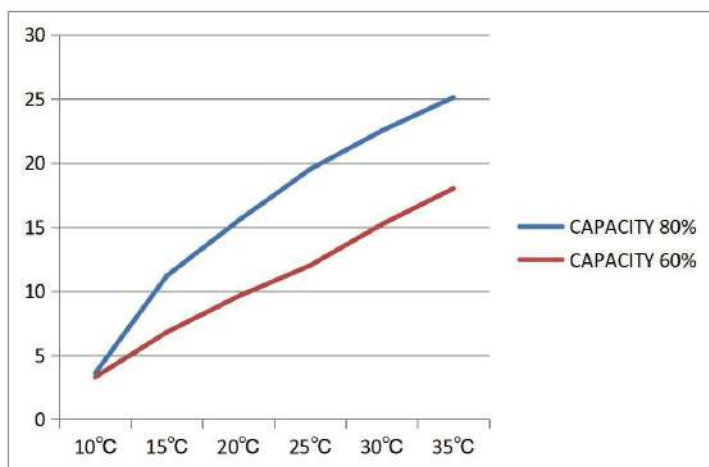
- Both the dehumidifying function and the air cleaning function stop during the defrosting operation.
- Do not disconnect the plug of the unit or turn off the unit during the defrosting operation.

This dehumidifier is not suitable for keeping the humidity very low (approx. 50% or less)

This dehumidifier is designed to remove uncomfortable humidity in daily life and to use for auxiliary drying of washed clothes indoors. This is not suitable for keeping the humidity very low.

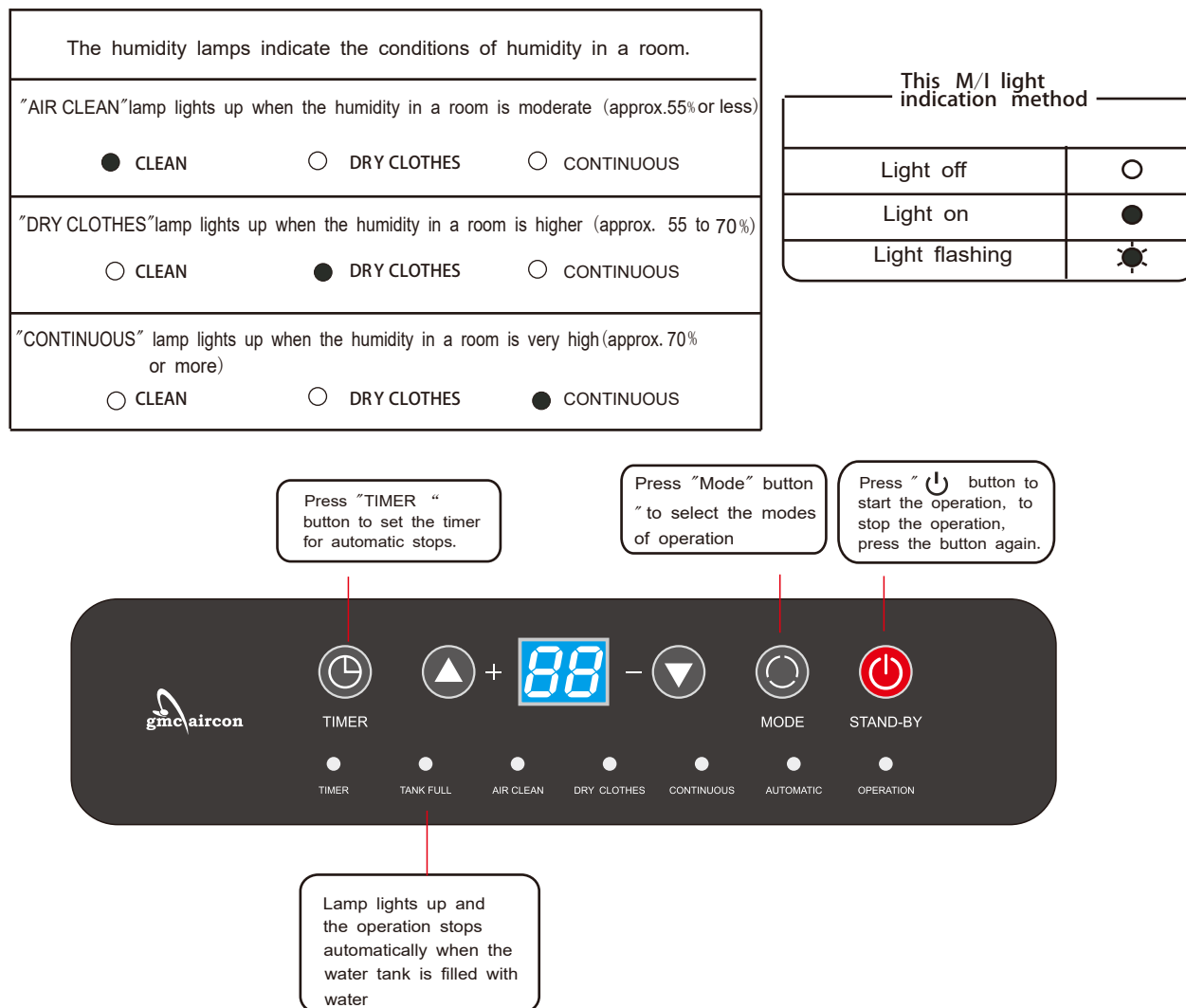
## Room temperature rises during the operation.

This dehumidifier does not have cooling function. It produces heat during the operation and room temperature rises by 1°C to 4°C. The temperature gets higher while it is operated in a closet, or the like. Furthermore, the room temperature rises because doors and windows are closed and heat is produced from other appliances in the room and the sun radiation.





## Controls



**TANK FULL:** If the water tank is full, the indicator light comes on.

**TIMER**(timer function)press timer to program time and "TIMER" light comes on while timer is programmed.

Before programming,make sure that the timer function has not been activated (the light must be off)

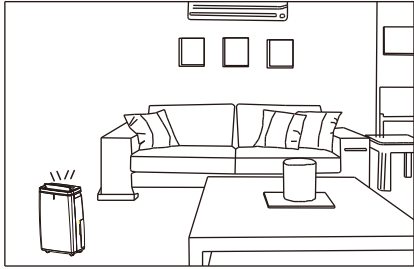

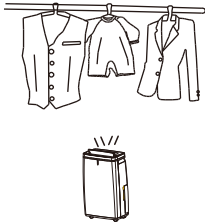
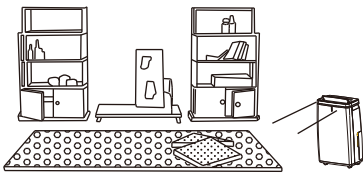
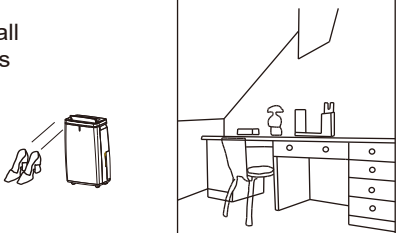

The following timer programs are available.

a )Delayed power-off function(the appliances is in working status)

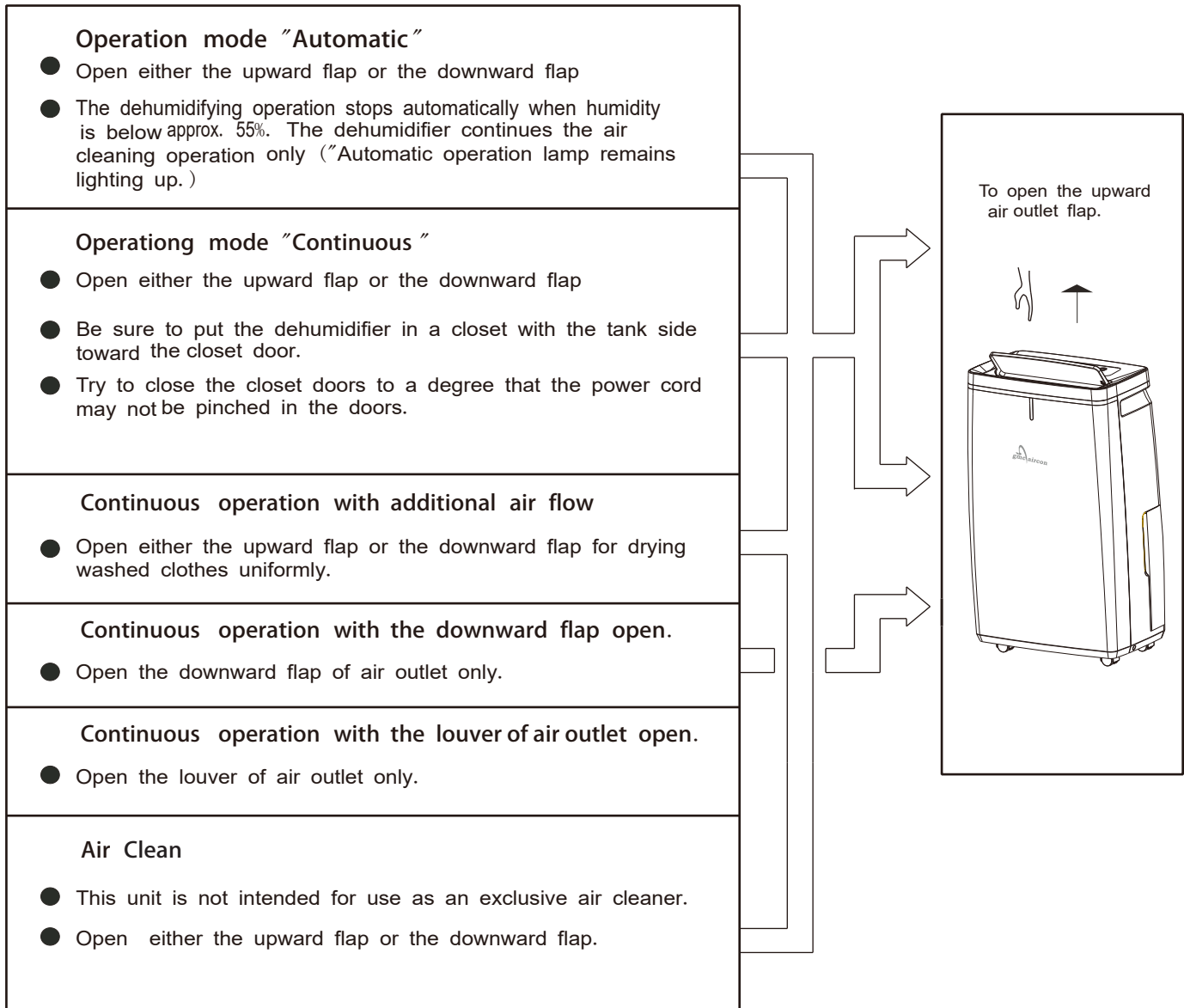
The appliance will stop once the time reaches the set value.

USE the button "TIMER" to set the time period (0~24 hours)

## For Selecting Functions Properly

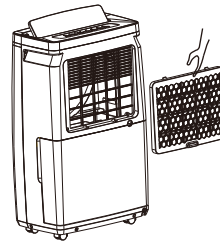
	MODE
<p>To dehumidify a room for comfortable humidity</p>  <p>To dehumidify a room or keep a ceiling and/or walls from dew condensing and getting moldy</p>	<p>AUTOMATIC</p>
<p>To dehumidify a closet</p> 	<p>CONTINUOUS</p>
<p>To dry washed clothes faster</p> 	<p>DRY CLOTHES</p>
<p>To dry a carpet or a rug</p> 	<p>DRY CLOTHES</p>
<p>To dehumidify a small space or dry shoes</p> 	<p>DRY CLOTHES</p>
<p>To make air clean in a room</p> 	<p>AIR CLEAN</p>

Built-in microcomputer memorizes the operation of dehumidifier, once it is set. The unit repeats the same operation by pressing "⏻" switch. (In case of disconnection or power failure, the settings must be re-entered.)



## Preparing the de -humidifier air cleaning filters.

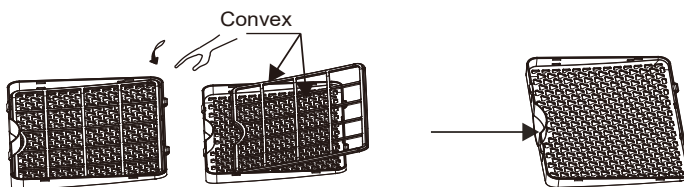
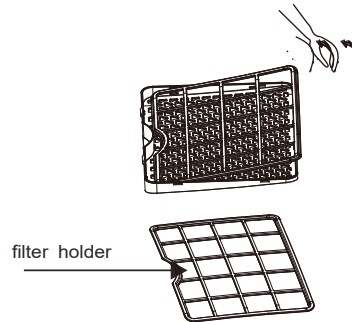
- 1.Remove the filter holder from the front cover .



- 2.To install the air clean filter into the back cover .

Put the filter holder on the cover with the flat surface of the holder up, and set the holder to the four catches in the cover (with the convex portions of the holder upward).

To insert the holder securely, press its perimeter with fingers. Then check the condition.



- In case of improper setting conditions, you cannot set the back cover to the unit.

## Make sure that the water tank is installed properly.

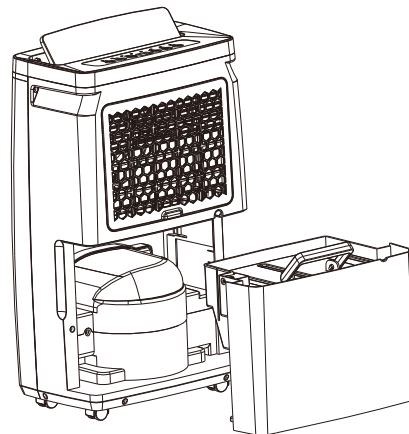
Your dehumidifier will not be operated when the water tank is full of water or it is not set properly.

### How to remove

Draw the water tank gently toward you by holding the concave part of the tank.

### How to install

Push the tank horizontally and gently. The handle lies down by itself.

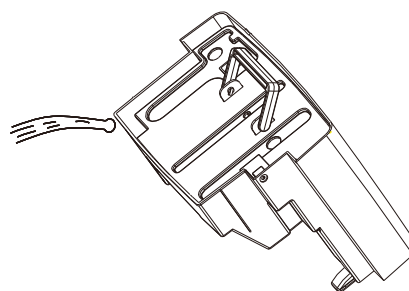
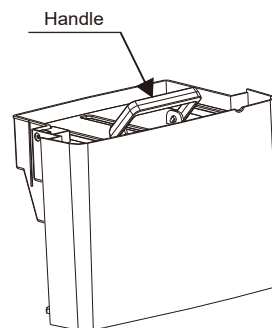


## When you empty the water from the water tank

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

### Note

After the dehumidifying operation, water is collected in the water tank. When the tank is full of water, the dehumidifier stops operating automatically and the buzzer sounds. The buzzer sounds for 20 seconds when the tank is taken out during the operation. For continuous draining, see the page 16.

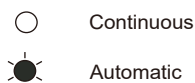


## How to Operate

- Your dehumidifier will stop automatically after the hours set by the timer (0H to 24H)
- In any mode, you can press "TIMER" button to set the timer 0H to 24H.

## Plug in the dehumidifier to an outlet.

- "Automatic" mode lamp will flash.
- Make sure that the water tank is installed properly.



Open one of the air outlet flaps suitable for the desired operation.

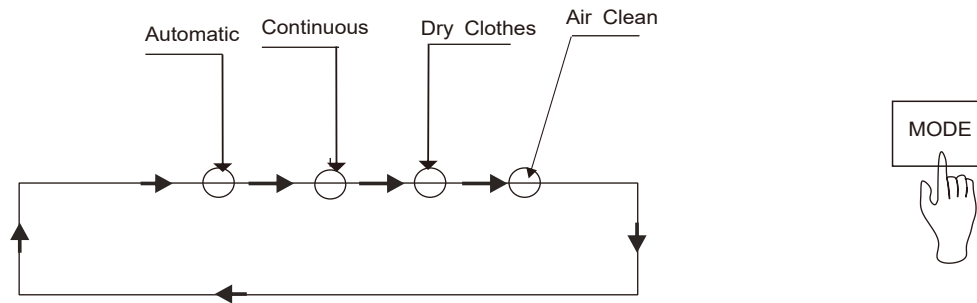
Press "  " button.

- "Automatic" mode lamp will light up.



## Set the unit to the desired operation by pressing "Mode" button.

- Every time you press the "mode" button, the mode select lamps light up in turn as Shown and the operation mode will be changed.
- Press and hold the "Mode" for 5 seconds to enter the key lock state; and hold the "Mode" for 5 seconds again to exit key lock state.



## For timer Operation

Press "Timer" button to set the timer.

- **TIMER(timer function)**press timer to program time and "TIMER" light comes on while timer is programmed.

Before programming,make sure that the timer function has not been activated (the light must be off)

The following timer programs are available.

a )Delayed power-off function(the appliances is in working status)

The appliance will stop once the time reaches the set value.

USE the button “TIMER” to set the time period (0~24 hours)

The appliance will start once the time reaches the set value.

- With the lapse of time, the timer lamp lighting up will indicate the remaining time.

The unit will stop operating after the lapse of the set time.



### Warning

To avoid damages to the power cord, do not pinch the cord in a door.



Prohibit



### Caution

Be sure to prevent children from getting in a closet when using the unit in the closet.



Prohibit

## Stop operating

Press “” button again.

- The mode select lamp will go off and the unit will stop operating.
- Close the flap.

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## Buzzer

Whenever each button is pressed, the buzzer will sound.

### Note

Be sure to open one of the flaps. If the flap is not opened fully during operation, the overheat prevention device will be activated and the unit will stop operating.

Due to the protection features of the machine, the dehumidifying operation will be started after approx. 3 minutes, when the unit is plugged in or restarted immediately after being stopped.

After recovery a power failure, "automatic" mode lamp will flash. Press "power" button again to start the operation.

Efficiency of the dehumidifier is influenced by the air outside the room. For operating efficiently, try to avoid opening and closing the windows and the doors.

For proper performance, operate the dehumidifier under the usable operating temperature. For safety purpose, the dehumidifying operation will be stopped automatically and changed to the air cleaning operation when the ambient temperature is higher than approx. 36°C.

Circulation of the refrigerant may cause sound within the dehumidifier when the operation is started. After the circulation is stable, the sound will be lowered.

To change the timer set

Press "TIMER" Button  
to set the desired time.

To cancel the timer operation

Press "TIMER" Button  
the Timer lamp will go off.

To stop the timer operation

Press "⏻" button again

## Notes

- Except "Continuous" mode operation the timer set will be cancelled whenever "Mode" button is pressed. Set the timer again after pressing "Mode" switch, if necessary.
- The timer stops when the water tank is full of water. After the tank is emptied, the timer will start.

## For Maintenance



### Warning

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



### Cautions

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.



wet hands prohibited



Prohibited

## When the unit is not in use for a long time.

1. Unplug the unit, bundle the power cord, and hang the bundled cord at the back of the unit as shown.
2. Empty the water out of water tank, wipe the tank with cloth and replace in position.
3. Clean the air clean filter.
4. For storing, stand the unit upright and avoid the exposure to the direct sunlight.

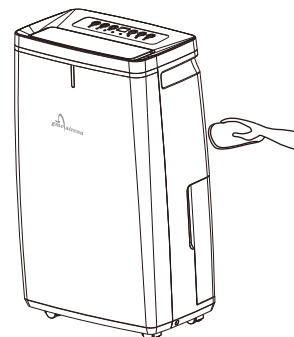
## Request

- To avoid malfunction or abnormal sound, keep the unit upright.

## Body of Dehumidifier

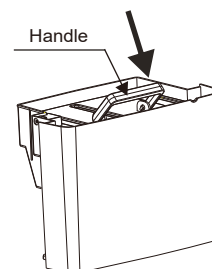
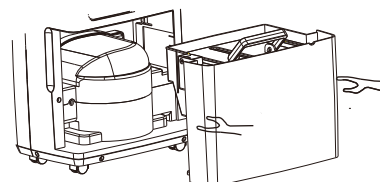
Wipe the dehumidifier with a dry an soft cloth.

- To remove heavy dirt, wipe it with a cloth wrung tightly. (Never use a wet cloth for cleaning the controls).
- To avoid deformation or cracking, do not use benzine, thinner or liquid cleaners.
- Chemical cloth may cause the change in color or the unit.



## Water tank

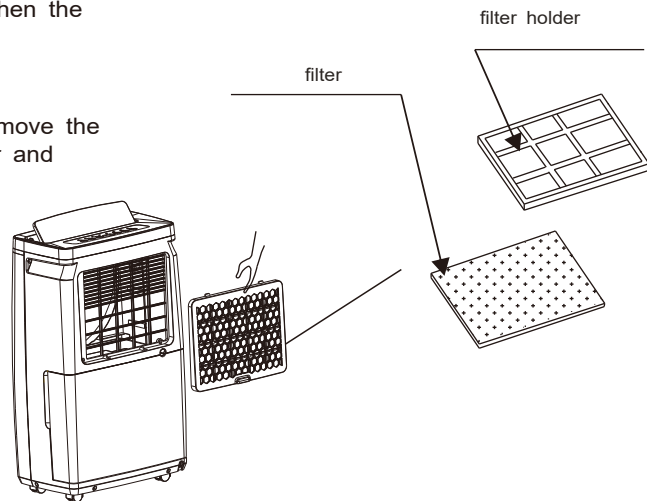
- Pull out the water tank and take it out.
- Wash the inside of the tank with water.
- The tank may be scratched, if you scrub it strongly with a brush.
- Do not remove the float lever from the tank.
- Wipe off the water on the outside of tank with a cloth and replace the tank as it was.



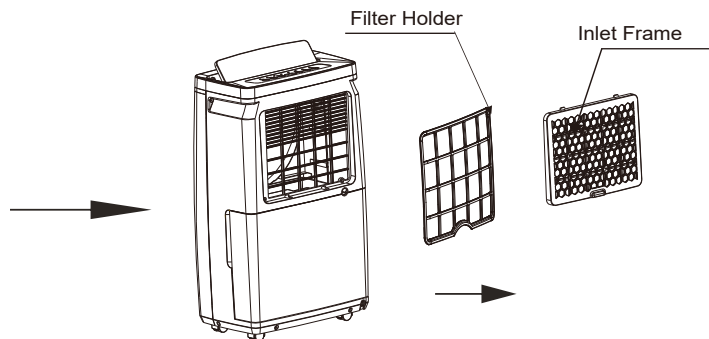


## Back & Side Air Intakes (Maintenance every 2 weeks)

- The dehumidifying capacity will be lowered when the air clean filter gets clogged.
- Remove the back cover from the unit and remove the filter holder. Then take out the air clean filter and the back filter.



- Pull the sider cover toward you and remove it from the unit. Remove the sider filter from the unit.
- To dislodge the dust from these filters, use a vacuum cleaner or pat them lightly.
- If the filters are fouled seriously, wash in water including neutral detergent, rinse well with water and leave until dry.
- Pat the air clean filter and dislodge dust from it.



## Air Clean Filter

Air filter is washable for cleaning

Request: Do not leave the filter unused after it is taken out of the bag.  
Do not make the air clean filter round or damage it.

## Specifications

Model No:	GMCDH-26
Power Supply:	220V ~ 50Hz
Dehumidity Capacity:	25L/Day (30°C/80%)
Max. Input Power:	450W
Max. Input Current:	2.2A
Water Tank Capacity:	5.5 L
Net Weight:	14.5kg
Dimensions:	Height 550mm, Length 340mm, width 210mm
Room Temperature:	5°C–32°C
Refrigerant:	R134a / 150g
Fuse:	AC250V 3.15A

The specification may be subject to change without notice for purpose of improvement.

## Trouble – Shooting

Prior to requesting a repair, please check for the following:

Malfunction	Points to be checked	Measures to be taken	Ref. Page
No operation	Check to see that the water tank is properly installed	Insert the plug into an electric outlet fully and securely.	2
	Check to see if the water tank is full of water.	Empty the water out of the tank.	2
	Check to see if the water tank is not set properly in position.	Set the tank to the unit properly in position.	11
	Check to see if all the flaps are closed.	Open one of the flaps.	13
Dehumidified volume is small	To see if the filters get dirty.	Clean the filters as specified.	13
	Check to see if the air openings are blocked up.	Remove obstacles from the air openings.	13
	Check to see if the dehumidifier is in air clean mode.	Change the operation mode to the dehumidifying mode.	13
Loud sound while operating	Check to see if the unit is not installed as specified	Install the unit on a level and stable floor.	13
Operation stops during dehumidifying	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.	13
Washed clothes are not dried	Check to see if the washed clothes are not exposed to the air from the unit	Try to expose the washed clothes to the air flow.	13

Nothing is wrong with your dehumidifier in case of the following phenomena

Phenomenon	Reason
Operation stops occasionally	The unit is defrosting (See the page 7).
Dehumidified volume is small	Dehumidifier volume less when the room temperature is low (see the page 7) The unit stops operating when the room temperature is below approx. The unit stops dehumidifying because the humidity in a room drops to 60 % or less in "Automatic" mode. (See the page 9).
The humidity in a room is still high	The room size may be too large. (see the page 6) The doors or the windows of the room may be opened and /or closed frequently. (See the page 6) The dehumidifier is used together with a kerosene heater which emits vappor.
Bad smell during operation	Smell is emitted from the walls, furniture or other objects.
Sound is produced within the unit	Circulation of the refrigerant may cause sound until it is stable.
Water is left in the water tank	The water is left because the unit is subjected to dehumidifying test in the factory.
The buzzer sounds	The buzzer sounds when the water tank is full of water. (See the page14).

## **SERVICE AND WARRANTY**

GMC Airconditioning CC 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. 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 012-661-1773 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 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 the 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 inquiries about this product, please contact our Customer Support:

### **CUSTOMER SUPPORT**

GMC Airconditioning CC

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 along with the proof of purchase. 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 : .....

For enquiries or support: visit [www.gmcaircon.co.za](http://www.gmcaircon.co.za) or contact us on 012-661-1173