



**AIR PURIFIER**  
**User Manual**  
**Model: GMC280AP**



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## IMPORTANT NOTES

### **N.B PLEASE REMOVE THE PLASTIC FROM THE INTERNAL FILTER BEFORE USING THE MACHINE.**

Dear Customer

Your new GMC Air Purifier 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 on [info@gmcaircon.com](mailto:info@gmcaircon.com) or [www.gmcaircon.com](http://www.gmcaircon.com) or 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.

SERIAL NUMBER .....

DATE OF PURCHASE .....

PURCHASED FROM .....

.....



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

**IMPORTANT! PLEASE REMOVE THE PLASTIC FROM THE INTERNAL FILTER BEFORE USING THE AIR PURIFIER.**

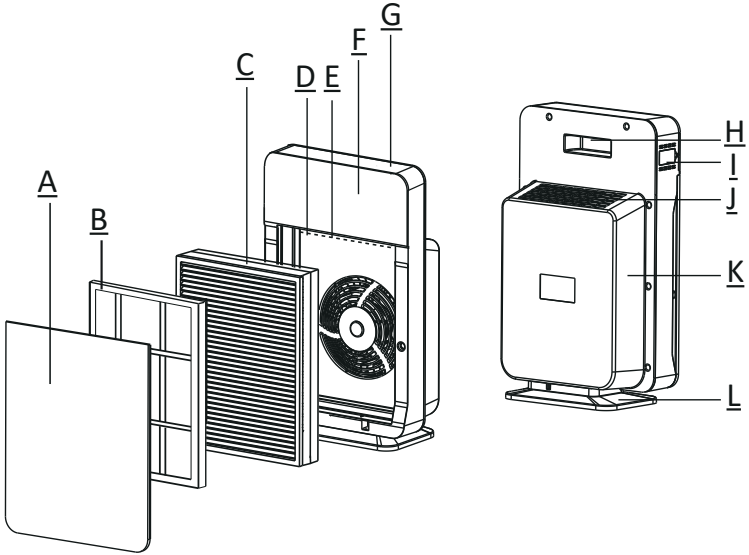
# Safety instructions

- Check the voltage of 220-240V~ 50Hz before use.
- Check the power supply unit and the power cable before plugging them in.
- Do not insert any objects into the air inlets and outlets of the unit. It may cause a short circuit. Special care must be taken when operating the device within the reach of children.
- Use the mains and/or power switch to switch the unit "on and off".
- Never use the power supply unit/line to switch the unit "on and off".
- Before changing the device, switch it off and unplug the power supply unit from the socket.
- Never attempt to clean the air inlets or outlets with sharp objects.
- Never immerse the appliance in water.
- Never spray flammable liquids into the device.
- Never operate the appliance in a damp room (e.g. bathroom). Risk of electric shock or power transfer.
- Never use hairsprays, thinners or flammable gases in the vicinity of the device, as there is a risk of fire and explosion.
- If candles or gas ovens burn in the same room during operation, open the window occasionally.
- Never cover the air inlet or outlet and keep away any moving textiles that may block the air inlet or outlet. This can damage/destroy the blower motor.
- When handling the appliance, make sure that your hair or clothing does not get into the air outlet. These could be detected by the fan wheel.
- Always position the device on a flat, horizontal and dry surface.
- Never operate the device near heat sources such as heaters, open fires or direct

sunlight. The plastic parts can be deformed.

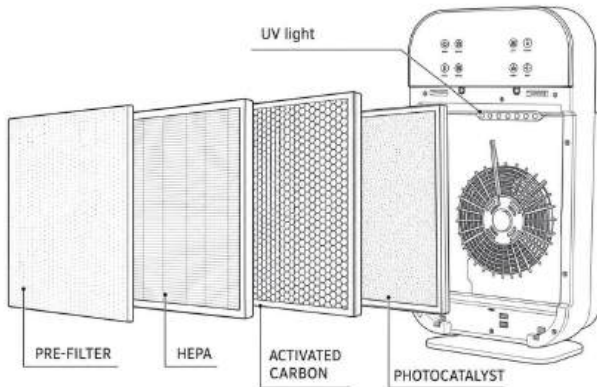
- The unit does not serve as a fan replacement. This considerably shortens the service life of the filter.
- The device must not be used in an environment containing high levels of dust or chlorine.
- Do not place heavy objects on the unit and keep it out of the reach of children.
- The device must not be used in closed, narrow or excessively warm rooms.
- Make sure that the mains cable is not pinched, excessively bent or twisted, as otherwise the cable wire can be exposed and/or damaged.
- If the mains cable is damaged, stop operation and replace it immediately.
- Only use the power supply included in the scope of delivery. Do not use a power supply unit from another device.
- Do not use the included power supply for other devices.
- If the device is defective, switch off the mains switch and disconnect it.
- To avoid interference, do not operate the equipment near microwaves or television sets.
- The device may only be operated by persons who are physically and mentally capable of correct operation in accordance with these operating instructions, or who have been instructed on this device by a responsible person.
- Never switch the appliance on or off with wet hands.
- Do not attempt to repair or make any other adjustments, both electrical and mechanical, to the unit yourself.
- Do not let children play with the packaging, such as plastic films.
- Ensure a minimum distance of 20 cm between the unit and the nearest wall.

# COMPONENTS



A: Front cover	G: Main body
B: Washable prefilter	H: Handle
C: Pre-filter & H13 HEPA & Active carbon filter & photo catalyst	I: Sensor
D: UV-C light	J: Outlet
E: Negative IONS	K: Rear cover
F: Control and Display panel	L: Base

# HEPA FILTER COMPONENTS



## ACTIVATED CARBON AND HEPA COMPOSITE FILTER

This advanced filtration system effectively captures large particles such as dust, hair, PM2.5, allergens, and bacteria. It eliminates odors and purifies airborne pollutants, ensuring a healthier environment and providing fresh, clean air to protect both your health and the well-being of those around you

- Anaphylatoxins
- Bacteria/Viruses
- Fine Particles (PM2.5)
- Odors
- Pollen
- Second-hand Smoke
- Volatile Organic Compounds (VOCs)

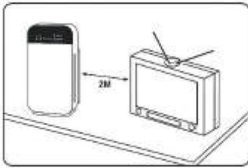
# INSTALLATION

## **BEFORE USE :**

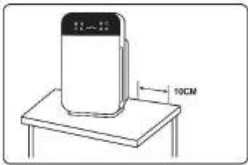
- Select the room where you need to purify the air and place the purifier on a stable floor or countertop in the room.
- In order to allow free circulation of air, avoid placing the purifier behind the curtains, under the window, next to the furniture or shelves, and near any obstacles. Keep at least 50 cm of free space on each side of the purifier.
- Please confirm that the filter bag inside the machine has been removed before initial use.

## **PLEASE CONFIRM:**

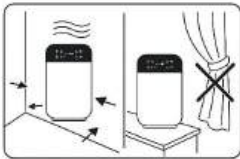
- The voltage of your home matches the voltage of the device identification.
- Your device can be connected to a grounded power plug. This device is a Class II appliance (double insulated).
- The air inlet and outlet are completely unobstructed.
- The filter and the rear casing are properly installed (see below).
- If the front door is not properly installed, the unit will not work properly.
- The first time you use the filter to remove the filter and the filter is replaced after the life of the filter expires (Figure 1-6)



Keep at least 2 m away from TVs, radios, and other electronic appliances.



Maintain a minimum clearance of 10 cm from walls.



Operate the unit in a well-ventilated area and keep away from curtains

# OPERATING INSTRUCTIONS

BEFORE FIRST USE:

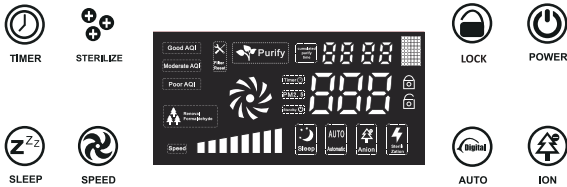
## **Important**

Before using your air purifier for the first time, the filters must be unpacked.

1. Remove the front cover.
2. Remove the filters from the unit.
3. Remove all plastic packaging from the filters.
4. Reinstall the filters correctly.
5. Reattach the front cover.
6. Plug the unit into a suitable electrical outlet.

Your GMC280AP Air Purifier is now ready for use.

### Control Panel



### **AIR QUALITY MONITOR**

Your GMC280AP Air Purifier is equipped with a built-in air quality sensor that continuously monitors the surrounding air and displays the current air quality on the LED display.

Green = Good Air Quality  
Orange = Moderate Air Quality  
Red = Poor Air Quality  
Flashing Red = Very Poor Air Quality

Smart Auto Mode automatically adjusts the fan speed according to the detected air quality.

# CONTROL PANEL FUNCTIONS

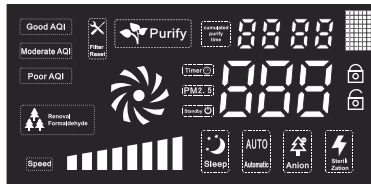
## Control Panel



TIMER



STERILIZE



LOCK



POWER



SLEEP



SPEED



AUTO



ION

1. Power – Press the Power button to turn the unit on. The purifier starts in Auto Mode.
2. Auto Mode – The air quality sensor continuously monitors the air and automatically adjusts the fan speed according to the level of airborne particles detected.
3. Fan Speed – Press the Speed button to manually select one of four fan speeds.
4. Ion Function – Press the ION button to turn the ioniser function ON or OFF.
5. Child Lock – Press the Lock button to lock the control panel. Press and hold for 5 seconds to unlock.
6. Sleep Mode – Reduces display brightness and operating noise. Press Sleep or Speed to exit Sleep Mode.
7. Timer Function – Set a run time between 1 and 10 hours.
8. UV Sterilisation – Press the STERILIZE button to turn the UV light ON or OFF.
9. Remote Control – Provides access to all major functions.
10. Filter Reset – After replacing the filter, press and hold the Timer button for 3 seconds to reset the filter life indicator.

# REMOTE CONTROL FUNCTIONS



**Auto:** Switches between Manual Mode and Auto Mode.

**Ion:** Turns the ioniser function ON or OFF.

**Lock:** Locks or unlocks the control panel.

**Power:** Turns the unit ON or OFF.

**Reset:** Resets the filter runtime tracker after filter replacement.

**Sleep:** Activates Sleep Mode.

**Speed:** Adjusts the fan speed in Manual Mode.

**Sterilize:** Turns the UV function ON or OFF.

**Timer:** Sets the automatic shut-off timer from 1–10 hours.

# Filter Change

Always turn off the power and turn off the power to the machine by pressing the button (6) before performing any maintenance operations. You can clean the product body with a slightly damp cloth.

## **Filter change**

After some time in operation, the main filter must be replaced. The filter should be replaced approximately every 6 to 12 months or every 3000Hrs of use.

This data is based on the use of low-grade purifying wind speed, measured using 8 hours per day. The recommended filter change frequency will vary depending on the duration of use and the operating environment. The corresponding indicator will illuminate when the filter needs to be replaced.

## **Filter change indicator:**

The filter indicator light is on, indicating that the activated carbon and HEPA H13 composite filter need to be replaced

Note:

- Activated carbon and HEPA H13 composite filters cannot be cleaned or reused. Do not wash them.
- To replace the filter in sequence, please refer to "Before Use". "First-time use of the filter to remove the filter and replace the filter after the filter has expired".
- The unit is equipped with a modern filter change indicator.

If the filter has to be checked/replaced, this is indicated by the RESET light flashing on the display.

## **REPLACING THE FILTER**

1. Switch off and unplug the air purifier.
2. Remove the front cover.
3. Remove the used filter using the pull tabs.
4. Insert the new filter.
5. Refit and secure the front cover.
6. Press and hold the Timer button for 3 seconds to reset the filter indicator.

Recommended replacement interval: Every 6–12 months depending on usage and air quality.

# MAINTENANCE

## **CLEANING THE PRE-FILTER**

1. Switch off and unplug the air purifier.
2. Remove the front cover.
3. Remove the reusable pre-filter.
4. Wash in warm, soapy water.
5. Rinse thoroughly with clean water.
6. Allow the filter to dry completely before reinstalling.

Important: Never reinstall a damp filter.

## **CLEANING THE AIR QUALITY SENSOR**

1. Switch off and unplug the unit.
2. Open the sensor access panel located on the side of the purifier.
3. Use a vacuum cleaner hose to remove dust and debris from the sensor chamber.
4. Close the panel before operating the unit.

## **IMPORTANT SAFETY NOTES**

- Always unplug the appliance before cleaning or servicing.
- Do not operate the unit without filters installed.
- Do not wash the main HEPA/Carbon filter unless specifically instructed.
- Keep air inlets and outlets free from obstruction.
- Ensure filters are completely dry before reinstallation.
- Use only genuine replacement filters designed for the GMC280AP Air Purifier.

## **Cleaning the device**

### **Always disconnect the power supply from the socket before cleaning!**

Clean the appliance with a dry cloth. Do not use chemicals. You can also clean the air inlets with a vacuum cleaner (it is best to clean the unit outdoors).

### **Attention!**

When your purifier motor stops working, check if you need to replace the filter.

# Specifications

Product name	Air Purifier	Model	GMC280AP
Rated voltage/frequency	220V-240V AC 50Hz	Product size	35(L) x 19cm(W) x 64cm (H)
Power	50W	Net weight	6.8kg
Decibel Rating	25-50dB(A)	Applicable area	40m <sup>2</sup>
CADR	280m <sup>3</sup> /h	Fuselage materials	ABS

## FEATURES

- 280 m<sup>3</sup>/h clean air rate (CADR)
- 99.97% particle removal
- 4 Fan Speeds
- Air Quality Monitor – PMI Display
- Auto Mode
- Child Lock
- Anion
- Ergonomic Touch Button Display
- Filter Usage Display
- H13 Medical Grade HEPA Filter
- High Performance
- Intelligent sensors
- Low energy consumption
- Purifies rooms up to 40m<sup>2</sup>
- Remote Control
- Sleep Mode
- Timer
- UV-C Sterilization

## TROUBLE SHOOTING

Phenomenon	Reason & Solution
The airflow that comes out of the air outlet is significantly weaker than before.	The surface of the filter is dirty. Clean the surface of the filter (see the cleaning instructions for filter).
The air quality does not improve, even though the appliance has been operating for a long time.	<ul style="list-style-type: none"> <li>• Check if the packing material is removed from the filter.</li> <li>• Make sure that the filter is properly installed.</li> <li>• The air quality sensor is dirty or wet. Clean the air quality sensor</li> <li>• Room size is large or the outdoor air quality is poor. For optimum purification performance, please close the doors and windows when operating the air purifier.</li> <li>• There are indoor pollution resources. For instances, smoking, cooking, incense.</li> <li>• Filter reaches the end of life. Replace the filter with a new one.</li> </ul>
The appliance produces a strange smell.	<p>Please ensure you have removed the plastic over the HEPA filter. The first few times you use the appliance, it may produce a plastic smell. This is normal. However, if the appliance produces a burnt smell even if removing the filter, contact us at <a href="mailto:info@gmcaircon.com">info@gmcaircon.com</a> or <a href="http://www.gmcaircon.com">www.gmcaircon.com</a> or 012-661-1173.</p> <p>The filter may produce smell after being used for a while because of the absorption of indoor gases. It's recommended that you reactivate the filter by putting it in direct sunlight for repeated use. If odor still exists, replace the filter.</p>
Three gear indicator lights up at the same time	There is a machine malfunction. Please cut off the power immediately and contact us on <a href="mailto:info@gmcaircon.com">info@gmcaircon.com</a> or <a href="http://www.gmcaircon.com">www.gmcaircon.com</a> or 012-661-1173

E1	Please ensure all sensors have been cleaned on the air purifier. If the problem still persists please contact us on <a href="mailto:info@gmcaircon.com">info@gmcaircon.com</a> or <a href="http://www.gmcaircon.com">www.gmcaircon.com</a> or 012-661-1173
The appliance is extra loud.	<ul style="list-style-type: none"> <li>• Check if the packing of the filter is removed.</li> <li>• The appliance will run in high speed when the air quality is poor, which will cause higher noises. When using the appliance in a bedroom at night, choose the Sleep speed.</li> <li>• if anything drops into air outlet, it may also cause abnormal loud sounds. Immediate turn off appliance, turn appliance upside down, to get foreign objectives out of appliance.</li> </ul>
The appliance still indicates that I need to replace a filter, but I already did.	Perhaps you did not reset the filter lifetime counter. Switch on the appliance. If the filter has been replaced, the filter change indicator must be reset again. long press the POWER button for 5 seconds to reset the air purifier.

# 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 [info@gmcaircon.com](mailto:info@gmcaircon.com) or [www.gmcaircon.com](http://www.gmcaircon.com) or 012-661-1173 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)

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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:** .....