



**AIR PURIFIER**  
**User Manual**  
**Model: GMC120AP**



# CONTENTS

<b>IMPORTANT NOTES .....</b>	<b>3</b>
<b>SAFETY INSTRUCTIONS .....</b>	<b>4,5</b>
<b>COMPONENTS .....</b>	<b>6</b>
<b>INSTALLATION .....</b>	<b>7</b>
<b>OPERATIONS .....</b>	<b>8,9</b>
<b>MAINTENANCE .....</b>	<b>10</b>
<b>SPECIFICATIONS/FEATURES .....</b>	<b>11,12</b>
<b>TROUBLESHOOTING .....</b>	<b>13,14</b>
<b>SERVICE AND WARRANTY .....</b>	<b>15</b>

## 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 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.

SERIAL NUMBER.....

DATE OF PURCHASE.....

PURCHASED FROM.....

.....



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

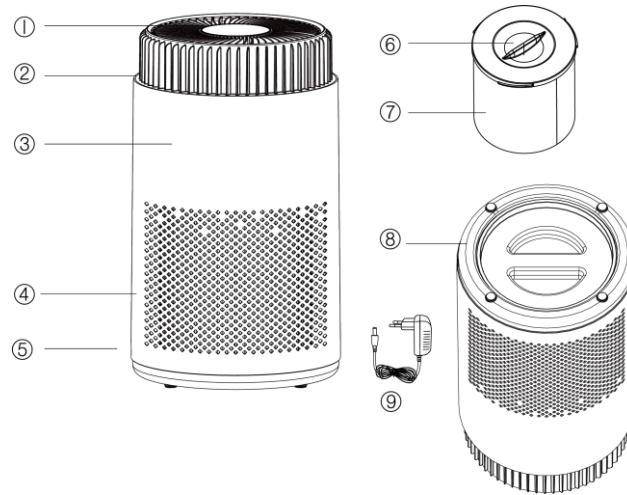
**IMPORTANT! PLEASE REMOVE THE PLASTIC FROM THE INTERNAL FILTER BEFORE USING THE AIR PURIFIER.**

# Safety instructions

- Check the voltage of 100-240V~ 50-60Hz before use.
- Check the power supply unit and the power cable before plugging them in.
- When not in use, unplug the AC adapter from the wall outlet.
- 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.

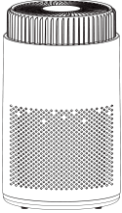
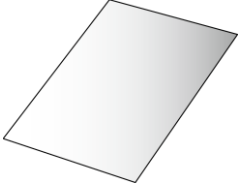
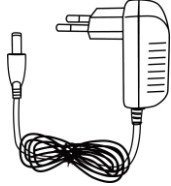
- Never operate the device near heat sources such as heaters, open fires or direct sunlight. The plastic parts can be deformed.
- The unit does not serve as a fan replacement. This considerably shortens the service life of the filter.
- The device must not be used in an environment containing high levels 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



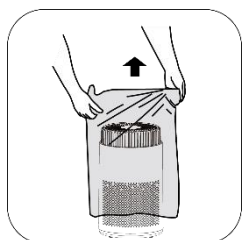
- 1 Air outlet
2. Ring
3. Housing
4. Air inlet
5. DC socket
6. Bottom plate
7. Filter
8. Base
9. Power adapter

## Packing list

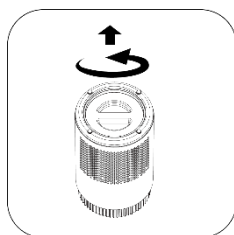
		
Air purifier	User manual	Adapter

# INSTALLATION

1. Invert the equipment after unpacking it.
2. Rotate the base cover to take out the filter by the guide arrow.
3. Install the filter after opening the package. Rotate the base cover in revert direction described as step 2.
4. Plug on with the power adapter.



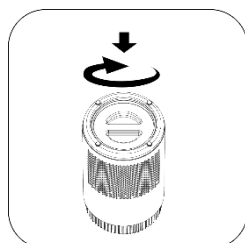
Take out the transparent packaging bag



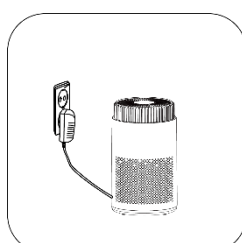
Turn the bottom cover counterclockwise and take out the filter



Remove the packaging bag of the filter and put the filter back according to the direction



Install the bottom cover clockwise

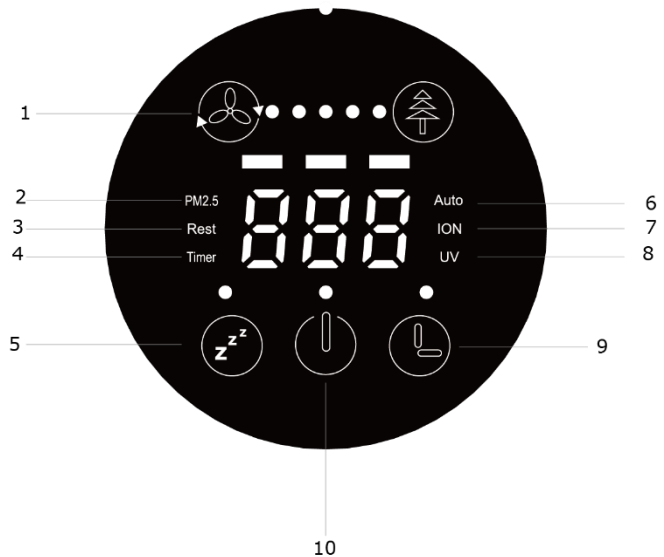


Place the product on a flat surface, insert the adapter and connect the power supply

# OPERATIONS

## Control Panel

- 1.Speed display
- 2.PM2.5 display
- 3.Reset
- 4.Timer
- 5.Sleep mode button
- 6.Auto
- 7.Ion
- 8.UV
- 9.Timer button
- 10.Power button



### Understanding the air quality light

The color of air quality light corresponds to the ambient air quality.

The brightness of air quality light reflects the current running mode.

Air Quality	PM2.5	Color indicator
Very Good	10-60	Green
Moderate	61-150	Orange
Bad	151-300	Red









### PM2.5

Fine dust is also known as PM2.5. This refers to the size of the dust particles, half of which at PM2.5 are particles with a diameter of 2.5µm and a smaller proportion of larger particles and a larger proportion of smaller particles.

The size of the fine dust is usually less than that of a bacterium and can therefore not be seen with the naked eye.



MODE	MENU	FUNCTIONAL DESCRIPTION
ON/OFF		<p>Press the POWER button to start and stop the unit. The device starts working in Auto Mode.</p> <p>After 10 seconds, the air quality indicator will show the air quality and automatically and select a suitable speed according to the air quality. The digital display will show the PM2.5 data.</p>
FILTER RESET		<p>After running for 2000 hours, the RESET light will be light up on the display to remind user to replace the filter.</p> <p>After replacing the fitter, long press the POWER button for 5 seconds to reset . the life time of filter will restart .</p>
ION UV		<p>Negative ions and UV are turn on automatically when turn on the device. Press this button to switch the UV light and Negative Ion on or off.</p>
MANUAL CONTROL/ AUTO MODE		<p>By repeatedly pressing the Speed button, the fan speed between 1 (low) and 5 (high) and the Auto Mode can be selected.</p> <p>If you use the unit in AUTO mode, the fan is controlled via the air quality sensor (PM2.5).</p> <p>The Auto mode can be left by simply pressing the speed button.</p>
SLEEP MODE		<p>Pressing the Sleep button to activate the sleep function. This mode behaves as follows:</p> <ul style="list-style-type: none"> <li>• The display illumination including all displays, with the exception of the Sleep display, is switched off.</li> <li>• The device switches to the lowest and therefore quietest fan level.</li> <li>• The LED ambient light is switched off.</li> <li>• To exit sleep mode, press any key.</li> </ul>
TIMER		<p>With the timer you can set the running time of the device. It can be selected between 1 and 8 hours by repeatedly pressing the button. If the timer function is activated, the display shows alternately the PM2.5 value and the remaining running time.</p> <p>When the time has elapsed, the unit switches itself off automatically.</p>

# Maintenance

## **Filter change**

After some time in operation, the main filter must be replaced. The filter life is 2000 Hours

### **Filter change indicator:**

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.

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.

### **Change the filter:**

Switch and disconnect the device for this purpose. Put it upside down and open the filter cover at the bottom of the unit and remove the filter.

Please note that the replacement filter must be removed from the protective film before it can be inserted into the device. Finally, the filter must be locked again.

## **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).

# Specifications

Product name	Air Purifier	Model	GMC120AP
Rated voltage/frequency	DC 24V	Product size	198*198*330mm
Power	20W	Net weight	1.7kg
Noise	23-55dB(A)	Applicable area	20m <sup>2</sup>
CADR	120m <sup>3</sup> /h	Fuselage materials	ABS

# FEATURES

- 120 m<sup>3</sup>/h clean air rate (CADR)
- 5 Wind Speed Settings.
- 8hr Timer
- 99% virus, allergen & pollutant removal
- 99.5% particle removal
- Air quality display
- Anion
- Auto mode and 5x speed levels
- Ergonomic Touch Button Display
- Filter Usage Display
- H13 Medical Grade HEPA Filter
- High Performance
- Intelligent sensors
- Low energy consumption
- Purifies rooms up to 20 m<sup>2</sup>
- Sleep Mode
- Smart filter indicator
- Ultra-quiet operation
- Up to 99.9% virus removal
- UV Light

# 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="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	There is a machine malfunction. Please cut off the power immediately and contact us on 012-661-1173 or

same time	<a href="http://www.gmcaircon.com">www.gmcaircon.com</a>
E1	Please ensure all sensors have been cleaned on the air purifier. If the problem still persists please contact us on 012-661-1173 or <a href="http://www.gmcaircon.com">www.gmcaircon.com</a>
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 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 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 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 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:** .....

