



Portable Air Conditioner
Owner's Manual



MODEL: GMCP12RLB

READ AND SAVE THESE INSTRUCTIONS

IMPORTANT NOTES

Dear Customer

Your new GMC Portable Aircon 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 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.

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BEFORE YOU BEGIN

PRODUCT DESCRIPTION

Our powerful portable air conditioners are great cooling solutions for single rooms, creating a comfortable atmosphere in your space. It also has ventilation and dehumidifying function for circulating air and removal of moisture. They're self-contained systems that do not require any permanent installation allowing you to move to the space in which it is most needed. They're commonly used in kitchen, temporary-resided, computer rooms, garages, and many other places where installation of Air-conditioner Outdoor Unit is limited.

SYMBOLS FROM THE UNIT AND USER MANUAL



warning

This unit uses a flammable refrigerant.

If refrigerant leaks and comes in contact with fire or heating part, it will create harmful gas and there is risk of fire.



Read the USER MANUAL carefully before operation.



Further information is available in the USER MANUAL, SERVICE MANUAL, and the like.



Service personnel are required to carefully read the USER MANUAL and SERVICE MANUAL before operation.

THE FOLLOWING SHOULD ALWAYS BE OBSERVED FOR SAFETY

- This appliance is intended to be used by expert or trained users in shops, in light industry and on farms, or for commercial use by lay persons.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- **The refrigerant loop is sealed. Only a qualified technician should attempt to service!**
- Do not discharge the refrigerant into the atmosphere.
- It collects first in low areas but can be circulated by the fans.
- If propane gas is present or even suspected, do not allow untrained personnel to attempt to find the cause.
- The propane gas used in the unit has no odor.
- The lack of smell does not indicate a lack of escaped gas.
- If a leak is detected, immediately evacuate all persons from the store, ventilate the room and contact the local fire department to advise them that a propane leak has occurred.
- Do not let any persons back into the room until the qualified service technician has arrived and that technician advises that it is safe to return to the room.
- No open flames, cigarettes or other possible sources of ignition should be used inside or in the vicinity of the units.
- Component parts are designed for propane and non-incentive and non-sparking. Component parts shall only be replaced with identical repair parts.

FOR YOUR SAFETY

Your safety is the most important thing we concerned!



WARNING

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



2.1 OPERATIONAL PRECAUTIONS

WARNING- to reduce the risk of fire, electric shock or injury to persons or property:

- 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.
- The appliance shall be disconnected from its power source during service.
- Always operate the unit from a power source of equal voltage, frequency and rating as indicated on the product identification plate.
- Always use a power outlet that is grounded.
- 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 use an extension cord or an adapter plug.
- 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.
- Do not piece or burn, even after use.
- Be aware that refrigerants may not contain an odor.
- Pipe-work shall be protected from physical damage and shall not be installed in an unventilated space, if that space is smaller than 12 m² .

- Compliance with national gas regulations shall be observed.
- Keep any required ventilation openings clear of obstruction.
- The appliance shall be stored in a well-ventilated area where the room size corresponds to the room area as specified for operation.

 <p>WARNING</p>	<p>Any person who is involved with working on or breaking into a refrigerant circuit should hold a current valid certificate from an industry-accredited assessment authority, which authorizes their competence to handle refrigerants safely in accordance with an industry, recognized assessment specification.</p>
 <p>WARNING</p>	<p>Servicing shall only be performed as recommended by the equipment manufacturer. Maintenance and repair requiring the assistance of other skilled personnel shall be carried out under the supervision of the person competent in the use of flammable refrigerants.</p>

If you don't understand something or need help, please contact the dealer services.

2.2 SAFETY PRECAUTIONS ON SERVICING

Checks to electrical devices

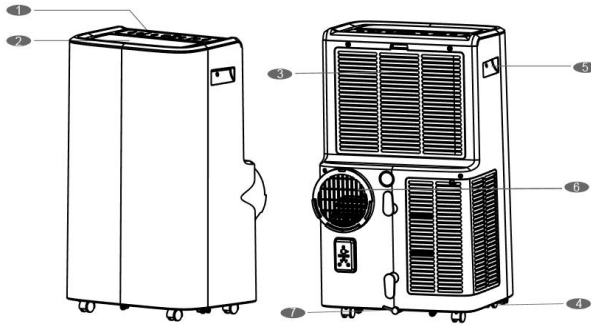
Repair and maintenance to electrical components shall include initial safety checks and component inspection procedures. If a fault exists that could compromise safety, then no electrical supply shall be connected to the circuit until it is satisfactorily dealt with. If the fault cannot be corrected immediately but it is necessary to continue operation, an adequate temporary solution shall be used. This shall be reported to the owner of the equipment so all parties are advised.

Initial safety checks shall include:

- those capacitors are discharged: this shall be done in a safe manner to avoid possibility of sparking;
- that there no live electrical components and wiring are exposed while charging, recovering or purging the system;
- that there is continuity of earth bonding.

PRODUCT OVERVIEW

3.1 PRODUCT DIAGRAM



1	Control panel	4	Power cord	6	Air Exhaust
2	Air outlet with adjustable louver	5	Recessed handle	7	Drain opening with sealing plug
3	Air inlet with air filter				

Note: The appearance is only for reference. Please see the actual product for detailed information.

3.2 FEATURES

- ✓ High Capacity in a compact size with cooling, heating, dehumidifying and ventilating function.
- ✓ Temperature setting and display
- ✓ LED Digital display
- ✓ Electronic control with built-in timer, sleep mode
- ✓ Self-evaporating system for better efficient
- ✓ Auto shut off when tank full
- ✓ Automatic restart in the event of power outage
- ✓ Auto defrosting function at low ambient temperatures
- ✓ Remote control
- ✓ 3- speed fan
- ✓ Casters for easy mobility

INSTALLATION

4.1 UNPACKING

- Unpack the carton and take the appliance and accessories out.
- Check the device after unpacking for any damage or scratches on it.
- Accessories:
 - 1. Exhaust hose
 - 2. Hose connector
 - 3. Window kit adapter
 - 4. Remote control



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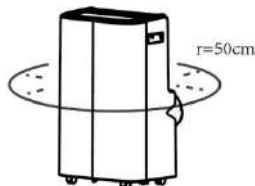
- 5. Window kit

5



4.2 Choose your location

- If tipped more than 45°, allow the unit to set upright for at least 24 hours before start up.
- 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.
- Do not operate in close proximity to walls, curtains, or other objects that may block air inlet and outlet. Keep the air inlet and outlet free of obstacles.
- **Never** install the unit where it could be subject to:
 - Heat sources such as radiators, heat registers, stoves or other products that produce heat.
 - Direct sunlight
 - Mechanical vibration or shock
 - Excessive dust
 - Lack of ventilation, such as cabinet or bookcase
 - Uneven surface



WARNING!

Install the unit in rooms which exceed 12 m².

Do not install the unit in a place where inflammable gas may leak.



NOTE!

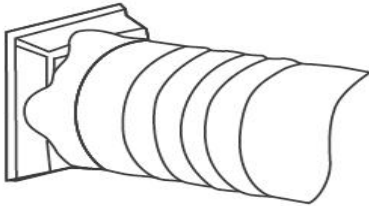
The manufacture may provide other suitable example or may provide additional information about the refrigerant odor.

4.3 ATTACH THE EXHAUST HOSE

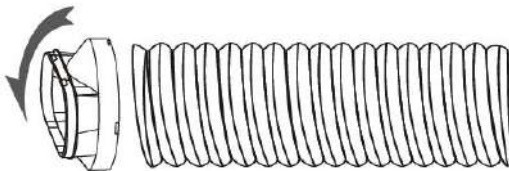
The air conditioner requires being vented outside so that the exhaust air can escape the room which coming from the appliance contains waste heat and moisture.

Do not replace or extend exhaust hose which will result in decreased efficiency, even worse shut down the unit due to low backpressure.

Step 1: Connect the hose connector to one end of the exhaust hose.



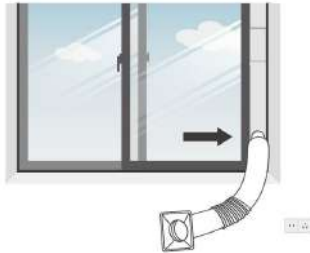
Step 2: Connect the windows kit adapter to the other end of the exhaust hose.



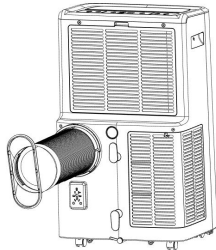
Step 3: Extend the adjustable window kit the length of your window.
Connect the exhaust hose to the window kit.



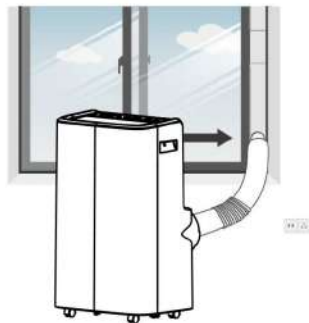
Step 4: Close your window to secure the kit in place. It needs to hold the windows kit firmly in place, secure the window kit with duct tape if required. It is recommended that the gap between the adapter and the sides of the window should be sealed off for maximum efficiency.



Step 5: Attach the hose connector to the exhaust air outlet of unit.



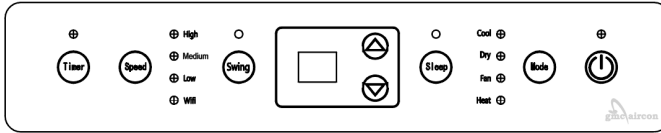
Step 6: Adjusting the length of the flexible exhaust hose, and avoid bends in the hose. Then place AC near an electrical outlet.



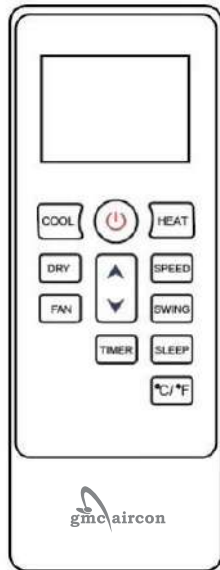
Step 7: Adjust the louver at the air outlet, and then switch on the unit.

OPERATION

5.1 CONTROL PANEL AND DISPLAY



5.2 REMOTE CONTROL



5.3 FUNCTION KEYS AND INDICATORS

1.	POWER	Press to switch the machine on or off.
2.	MODE	Mode button Press to switch the operation mode between cool, heating, fan, and dry.
3.	MODE Indicator	This displays the Mode Setting between fan, cooling, heating and dehumidifier.
4.	DOWN	Decreasing the desired temperature or timer setting.
5.	SWING	Adjust the air flow direction vertically.
6.	TIMER	Sets a time for the unit to automatically start or stop.
7.	SPEED	Press to switch the fan speed in HIGH、MEDIUM and LOW.
8.	Indicators	LED for high speed & medium speed & low speed &Wifi
9.	Digital Display	Displays timer setting and room temperature.
10.	UP	Increasing the desired temperature (16°C ~ 32°C) or timer setting.
11.	SLEEP	Press to turn sleep mode on or off.

5.4 SETTINGS

5.4.1. Start-up and Shutdown

⇒ Press POWER to turn the unit on.

The unit runs in in FAN as default.

⇒ Press MODE button to select the desired operation mode.

⇒ Press POWER again to turn off the power.

5.4.2. Operation mode

The unit has four operation modes: Cool, fan, dry, sleep

A. Cooling your room

Select the cool mode to lower the temperature in your room.

⇒ Press MODE button repeatedly until the LED of COOL operation lights up.

⇒ Press UP/DOWN button to adjust the temperature which is displayed on the screen. The temperature can be set between 16°C and 32°C.

⇒ Press SPEED button repeatedly until the desired fan speed indicator lights up.

To control the direction of the air flow horizontally, please press the SWING button on.

Note: The air conditioner stops if the room temperature is lower than selected temperature.

B. Heating your room (Optional for Heating Function Unit only)

⇒ Press MODE button repeatedly until the LED of HEAT operation lights up.

⇒ Press Up/Down button to set the temperature higher than the room temperature. The fan speed can also be set.

Note: The drainage hose should be attached to the unit for continuous operating.

C. Ventilating your room

⇒ Press MODE button repeatedly until the LED of FAN operation lights up.

In ventilation mode the room air is circulated, but not cooled.

⇒ Press SPEED button repeatedly to select the fan speed as desired.

D. Drying your room

⇒ Press MODE button on the control panel or remote control, the LED of DRY operation lights up. The fan speed is unable to select. User should connect the hose to the drain outlet at the bottom of the unit.

Note: In this mode, the fan speed switches over to low speed and the temperature cannot be selected.

E. Sleep mode

The sleep mode can be activated when in cool mode.

■ In cool mode:

After 1 hour the pre-set temperature is increased by 1 °C, after another hour the pre-set temperature will again be increased by 1 °C.

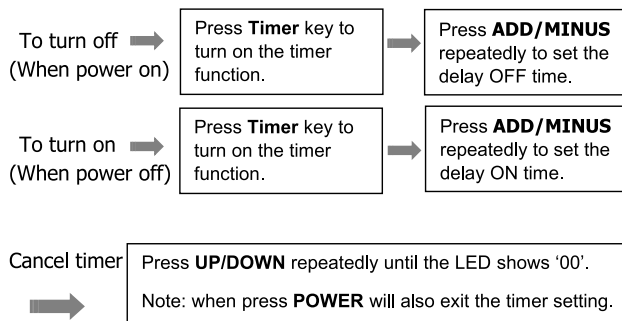
■ In heat mode (Optional for Heating Function Unit only) :

After 1 hour the pre-set temperature is decreased by 1 °C, after another hour the pre-set temperature will again be decreased by 1 °C.

Then the temperature is kept constant for 10 hours. And all the indicators dim to dark. The fan speed may switch over to low speed for silent operating and cannot be selected.

TIMER SETTING (1hour-24hours) :

The timer has two ways of operation:



Automatic Defrost

At low room temperatures, frost may build-up at the evaporator during operation. The unit will automatically start defrosting and the **POWER** LED blinking. The defrost control sequence is as follows:

- A. When the unit operates in the cooling operation, drying operation, the ambient temperature sensor senses the evaporator coil temperature is below -1°C , after the compressor will stop operating for 10 minutes or the coil temperature up to 7°C , the unit restart to cool operating mode.
- B. When the unit operates in the heating operation, drying operation, once the coil temperature sensor senses the temperature of the evaporator is below 40°C and the differential temperature between coil temperature and room temperature is below 19°C after the compressor operation for 20minutes, the unit start defrosting for 5 minutes and the power indicator blinking.

Overload Protection

In the event of a power loss, to protect the compressor there is a 3-minute delay until the compressor restarting.

WIFI SETTINGS

Information on the App "Smart Life"

The "Smart Life" app is available for android and iOS.

Scan the corresponding QR code to get directly to the download.



Download Smart Life App



Information on How to Use the App

This appliance allows you to operate the appliance via your home network. A prerequisite is a permanent WIFI connection to your router and the free app "Smart Life".

1. Install the "Smart Life" app. Create a user account.
2. Activate the WIFI function in the settings of your appliance.
3. Place the appliance at a distance of about 5 meters to your router.
4. As long as the power is turned on, the WIFI indicator flashes. After 3 minutes, the status will be cancelled if there is no network configuration, and the indicator light is off. If you need to re-connect the WIFI, long press the "timer" button for 5 Second to start the network configuration, the WIFI indicator flashes again.

WIFI Connected

• Method 1

Connected via Bluetooth

Open the Bluetooth of your mobile phone or other device.

When WIFI indicator flashes, open "Smart Life" APP, the unit will connect via Bluetooth automatically.

• Method 2

When WIFI indicator flashes, select **"Add Device"**-**"Large Home Appliances"**-**"Portable Air Conditioner (Wi-Fi)"**, and follow the instructions on the display.

Check the status of the WIFI indicator and choose the correct status.

If the WIFI indicator flash rapidly, it can connect directly.

If the WIFI indicator flash slowly, press **"Go to Connect"** to connect the WIFI named **"Smart Life-XXXX"**.

Remarks:

Once the appliance has been successfully connected, the WIFI lamp lights up. Now you can operate the appliance by using the app.

Press and hold the Timer button for about 5 seconds, the appliance disconnects, the WIFI lamp lights off.

CLEANING AND CARE

6.1. CLEANING THE AIR FILTER (every two weeks)

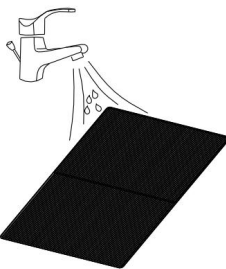
Dust collects on the filter and restricts the airflow. The restricted airflow reduces the efficiency of the system and if it becomes blocked it can cause damage to the unit.

The air filter requires regular cleaning. The air filter is removable for easy cleaning. Do not operate the unit without an air filter, or the evaporator may be contaminated.

1. Press POWER button to switch off the unit and unplug the power cord.
2. Remove the filter mesh from the unit.
3. Use a vacuum cleaner to suck dust from the filter.
4. Turn the filter over and rinse the air filter under running water. Let the water run through the filter in the opposite direction of air flow. Set aside and allow the filter to air dry completely before reinstalling.



Pic1. Switch off the unit and remove the two air filters.



Pic2. Rinse the air filter under running water.

Warning!!!

Do not touch the evaporator surface with bare-hand, or could cause injury of your fingers.

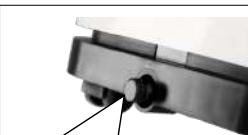
DRAINAGE

Self- evaporating system

The self-evaporating system uses the collected water to cool the condenser coils for better efficient performance. It is no need to empty the drainage tank in cooling operation except in heating operation, drying operation and high humidity conditions. The condensate water evaporates at the condenser and evacuated through the exhaust hose.

For continuous operation or unattended operating in drying operation, please connect the attached drain hose to the unit. Condensate water can be automatically flow into a bucket or drain by gravity.

- Switch off the unit before operating.
- Remove the plug of the water outlet opening, and keep it in safe area.
- Securely and properly connect the drain hose and make sure it is not kinked and clear of obstruction.
- Place the outlet of hose over a drain or bucket and ensure that water could freely flow out of the unit.
- Do not submerge the end of hose into water; otherwise, it can cause "Air Lock" in the hose.



Remove the rubber sealing plug.



Continuous drain hose

To avoid water spillage:

- As the negative pressure of condensate drain pan is large, tilt the drain hose downward toward the floor. It is appropriate that the degree of inclination should exceed 20 degrees.
- Straighten the hose to avoid a trap existing in the hose.

7. TROUBLESHOOTING

Symptom	Inspection	Solution
The unit is not operating.	✓ Check the power connection in securely.	➤ Insert the power cord securely into the wallOutlet.
	✓ Check if the water level indicator lights up?	➤ Empty the drain pan by remove the rubber plug.
	✓ Check the room temperature.	➤ The range of operating temperature is 5-35°C.
The unit works with reduced capacity.	✓ Check the air filter for dirt.	➤ Clean the air filter as necessary.
	✓ Check if the air duct is blocked.	➤ To clear the obstacle.
	✓ Check if the room door or window is open.	➤ Keep the door and windows closed.
	✓ Check if the desired operating mode is selected and the temperature is properly set.	➤ Set the mode and temperature at proper set-point according the manual. ➤ (refer to page16)
	✓ The exhaust hose is detached.	➤ Make sure the exhaust hose is securely attached.
Water Leakage	✓ Overflow while moving the unit.	➤ Empty the water tank before transport.
	✓ Check if the drain hose is kinked or bends.	➤ Straighten the hose to avoid a trap existing.
Excessive Noise	✓ Check if the unit is securely positioned.	➤ Place the unit on horizontal and firm ground.
	✓ Check if any loose, vibrating parts.	➤ Secure and tight the parts.
	✓ Noise sounds like water flowing.	➤ Noise comes from flowing refrigerant. This is normal.
Error Codes	E0 ✓ Communication faults between main PCB and display PCB.	➤ Check the wire harness of the display PCB for damage.
	E1 ✓ Ambient temperature sensor failure	➤ Check connection or replace it. To clean or replace the temperature sensor.
	E2 ✓ Coil temperature sensor failures.	➤ Check connection or replace it. To clean or replace the temperature sensor.
	Ft ✓ Condensate water high level alarm.	➤ Empty the drain pan by removal the rubber plug.

DECOMMISSIONING

8.1. STORAGE

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. Unplug the unit and remove exhaust hose and window kit store with 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.

ATTENTION:

The evaporator inside the machine has to be dried out before the unit is packed to avoid component damage and molds. Unplug the unit and place it in a dry open area for days to dry it out. Another way to dry the unit is turn on the machine, adjust it to low-wind ventilation mode, and maintain this state until the drainage pipe becomes dry, so as to keep the inside of the body in a dry state and prevent it from mildewing

8.2. DISPOSAL



WARNING!!!

Releasing refrigerant into atmosphere is strictly forbidden!

Do not dispose of electrical municipal waste, use separate your local government for collection systems available. If disposed of in landfills or dumps, leak into the groundwater and get damaging your health and well-



appliances as unsorted collection facilities. Contact information regarding the electrical appliances are hazardous substances can into the food chain, being.

SPECIFICATIONS

MODEL		GMCP12RLB
Power supply (V-Ph-Hz)		220-240V/50Hz
AC type		Heat pump
Water tank volume	L	0.9L
Cooling Capacity	W	3520
	BTU	12000
Cooling Input Power	W	1337
Cooling Input Current	A	5,9
EER	W/W	2,63
heating Capacity	W	2780
	BTU	9500
Heating Input Power	W	1118
Heating Input Current	A	5,0
COP	W/W	2,49
Indoor air flow (Hi/Med/Lo)	m3/h	410/352/285
Moisture Removal	L/h	1,49
Sound Power	dB	≤65
Refrigerant	Type	R410A
	Charge (g)	500
Suction Pressure	Mpa	0,7
Discharge Pressure	Mpa	3,2
Net weight	Kg	30
Body dimension	mm	358*419*688
Gross weight package	Kg	36
Packing dimension	mm	505(W)X875(H)X458(D)

RATING LABEL

PORTABLE AIR CONDITIONER

Model : GMCP12RLB



Cooling Capacity:	12000Btu/h
Heating Capacity:	9500Btu/h
Rated Voltage:	AC220-240V
Rated Frequency:	50Hz
Cooling Rated Input Power:	1337W
Cooling Rated Input Current:	5.9A
Heating Rated Input Power:	1118W
Heating Rated Input Current:	5.0A
IP Code:	IPX1
Sound Power Level:	≤ 65dB(A)
Refrigerant Charge:	R410A (500g)
Net Weight:	30kg
Maximum suction/exhaust side working pressure	0.7MPa/3.2MPa
Maximum permissible pressure on the high/low pressure side	3.2MPa
Heat exchanger maximum allowable pressure	3.2MPa



WARNING : Appliance shall be installed, operated and stored in a room with a floor area larger than 12 m².



GMC Airconditioning cc
No 35 Sarel Baard , Gateway Industrial park.
Centurion , Pretoria , Gauteng.South Africa.
TEL:+2712 8611173

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 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

Email: 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: