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USER MANUAL

Portable Air Conditioner

PAC18M

18,000btu Portable Air Conditioner

Please read this manual carefully prior to operating the product.

Please keep ALL packaging for duration of Warranty Period

R290

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IMPORTANT SAFEGUARDS

Before installing and using your portable air conditioner and heater, it is important that you read this owner's manual carefully. Store this manual in a safe place for future reference.

This instruction manual is used for guidance and does not form part of a contract. It reserves the right to make technical changes without prior notice.

1. Always place the unit on a level surface.
2. The appliance shall be installed in accordance with national wiring regulation.
3. The unit must be connected to a correctly grounded power supply. For your safety, this unit is grounded through the power cord plug when connected to a grounded wall outlet. Do not use an adapter plug or extension cord.
4. Do not install the unit in an area where gas leakage may occur and/or in an explosive atmosphere.
5. Do not apply an insecticide or any type of flammable spray on the unit.
6. Confirm drainage piping is connected properly.
7. Do not start or stop the unit by inserting or pulling out the power plug.
8. Do not operate with wet hands.
9. Close supervision is necessary when the unit is used near children. The unit in not intended for use by children.
10. Do not insert anything into the air outlet. Do not obstruct air inlet or outlet grills.
11. Do not expose skin or eyes directly to cool air for a long period of time.
12. If an abnormal odour or smoke comes out of the unit, disconnect the unit immediately and contact a qualified service technician.
13. When opening the filter cover, do not touch the metal parts in the unit's interior.
14. Do not immerse the unit in water or any type of liquid. Do not use the unit in the immediate surroundings of a bath, shower, or swimming pool, or in any other steamy, wet areas.
15. When cleaning the unit, always turn the unit off and unplug the power cord.
16. Always inspect the power cord for signs of damage before use. If the power cord is damaged, it must be replaced by the manufacturer or a qualified service technician.
17. Do not place a plant or allow a pet in the direct path of the airflow to avoid injury.
18. Do not put a stove, etc, where it would be exposed to the direct airflow. It may affect combustion.
19. Do not sit on the unit or place anything on it.
20. Before storing, the water must be drained from the unit and the filters cleaned.
21. The appliance must be placed in an area without any continuously sources of ignition (for example: open flames , gas or electrical appliances in operation).
22. Do not puncture and do not burn.
23. This appliance contains 320 g (see rating label back of unit) of R290 refrigerant gas.

24. R290 is a refrigerant gas that complies with the European directives on the environment. Do not puncture any part of the refrigerant circuit.
25. If the appliance is installed, operated or stored in a nonventilated area, the room must be designed to prevent to the accumulation of refrigerant leaks resulting in a risk of fire or explosion due to ignition of the refrigerant caused by electric heaters, stoves, or other sources of ignition.
26. The appliance must be stored in such a way as to prevent mechanical failure.
27. Contact authorized service technician for repair or maintenance of this unit.
28. Unplug the unit if strange sounds, smell, or smoke comes from it
29. Do not use any exhaust hose other than provided by Climachill
30. Do not use a smaller diameter exhaust hose than provided by Climachill
31. Do not use a longer exhaust hose than 3m as provided by Climachill
32. Do not use this machine in a room of less than 15.4m2

General Information

Recycling

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.

Warning

The unit creates water which is collected in an internal water tank which has a rubber drain plug, it is very unlikely but if this tank becomes damaged during transport or the rubber bung comes out then it is possible that the unit will leak water when it is operated. Prior to use make sure the drain plug is in place & then during first use periodically check the unit to make sure it isn't leaking water (look at bottom / under the unit) – during first use do not turn the unit on and leave it unattended for a long period of time without checking.

INTRODUCTION

Thank you for purchasing this Portable Air Conditioner and Heater. This unit is designed to improve indoor living and working comfort by providing cooling, dehumidifying, and heating with minimal installation.

Please complete the following information for future reference. Retain this owner's manual with your sales receipt as a permanent record of your purchase.

Date of Purchase: _____

Place of Purchase: _____

Invoice Number: _____

WARRANTY

This product comes with a 12month warranty from date of purchase (as indicated on original sales receipt).

Please note that it is a warranty condition that ALL of the original packaging is kept for the duration of the warranty period, (the main box can be folded flat for storage).

If you need to make a warranty claim and the unit requires returning to us then we are only able to organise collection of the unit if it is in its original packaging (this is an insurance requirement of our courier). Failure to keep the original packaging means we are unable to organise collection of the product from you

PRODUCT DIAGRAM

What's in the Box:

- AC Unit
- Exhaust Hose
- Window Installation Plate
- Remote Control
- Batteries
- Hose Connector
- Drain Pipe

After unpacking, please ensure the above listed accessories are included.

CONTROL PANEL AND DISPLAY

Power / On-Off Button

Fan Speed Button (Low / Medium / High)

+ Timer/Temperature up Button

– Timer/Temperature down Button

Timer Button

Mode Button (Cool / Dehumidify / Fan)

Swing Button

Sleep Button

Full Water Alarm

Wifi

REMOTE CONTROLLER

REMOTE CONTROLLER

The Remote Controller transmits signals to the system.

1. **Button:** The appliance will start when energized or stop when in operation by pressing this button.

2. **Button:** Press this button to select the operation mode.

3. **Button:** Used to select fan speed in sequence or

4,5. ▲ **and** ▼ **Setting Buttons:** Used to adjust the room temperature and set the timer.

6. **Button:** Used to set or cancel Sleep mode operation.

7. **Button:** Used to set or cancel OFF and automatic ON time.

8. **Button:** Used to activate or deactivate automatic Swing mode.

How to Install Batteries

1. Open the back cover and remove the isolating film from the batteries.
2. Insert the batteries into the slot, ensuring the anode and cathode are in the correct directions.
3. Replace the back cover and slide to close, ensuring the direction is correct.

Slide the cover to open, ensuring the direction is correct.

Notice

1. The anode and cathode of the batteries must correspond to the signs of "**+**" and "**-**" on the remote control.
2. Avoid using new batteries with run-down cells.
3. If not in use for an extended period, remove the batteries.
4. Dispose of used batteries safely to prevent environmental pollution.

How to Use

To operate the air conditioner, aim the remote controller at the signal receptor.
The remote controller can operate the air conditioner from a distance of up to 5m (16.4 feet) when pointing it at the signal receptor of the air conditioner.

Notes:
- Do not drop the remote control.
- Do not place the remote control in a location exposed to direct sunlight.

PROTECTION

Operating Conditions:

The protective device may trip and stop the appliance in the following cases:

Cooling:

- Indoor air temperature is over 43℃.
- Room temperature is below 15 ℃.

Dehumidifying:

- Room temperature is below 15℃。

If the air conditioner runs in COOLING or DRY mode with a door or window opened for a long time when the relative humidity is above 80%, dew may drip down from the outlet.

Features of the Protector

1. **The protective device will work in the following cases.**
   Restarting the unit immediately after operation stops or changing mode during operation, you need to wait for 3 minutes.
2. If the plug is taken out, when you restart the appliance, it will return to the original mode. **TIMER ON** and **TIMER OFF** must be set again.

Drain Water

Special reminder: There is condensing water recycling hidden within this unit. The condensing water is partly kept recycling between the condenser and the water plate. When the water level rises to the upper level, the loat switch and water full indicator (E4) light on to remind draining water. Please cut of the power supply, move the appliance to a suitable place, remove the drain plug, drain water completely. After the drain, reinstall the plug, or the appliance may leak and make your room wet.

If the appliance is placed in a position admitting drain water, you can also connect the drain hose to the drain port for water drainage.

INSTALLATION

Installation Accessories:

A. Air Exhaust Duct
B. Connector of Air Exhaust Duct
C. Window Exhaust
D. Remote Controller
E. Baffle Plate
F. Drain Hose
G. Wing Nut Set

Select the Best Location

· Beside a window, a door, or a French window.

· Keep a required distance from the return air outlet to the wall or other obstacles, at least 60 cm (23.6"). Fix one end of the air hose (A) on the air outlet underside the appliance.

· Extend the air hose to ensure that the other end of the air hose has clearance between the window, door, or French window, or wall hole.

· Ensure the air outlet or intake is not blocked by a protective grid or any obstacle.

Install Exhaust Hose and Adapter

How to connect the connectors to the Air exhaust duct.

1. Extend the air exhaust duct (A) by drawing out the two ends of the duct.

2. Screw the air exhaust duct (A) into the connector of air exhaust duct (B) anticlockwise.

3. Screw the connector of the window (C) into the air exhaust duct (A) anticlockwise.

4. Connect the connector of the air exhaust duct (B) to the unit from top to bottom until it clicks into position. If you need to remove the hose, please press the locking system and slide the connector from bottom to up.

Install Window Kit

1. Separate both boards **A** board, and **B** board

2. Screw the wing nut through the B board. Leave 2/3 of free space.

3. Insert **A** board into **B** board according to arrowhead direction.

4. Once assembled, adjust **A** board up or down according to the height of the window. Screw it until it is tight.

Fig. 3

5. Install the exhaust air duct and its accessories into the window kit following the arrowhead direction.

Fig. 4

6. Assembly finished.

Fig. 5

Fig. 6

Fig. 7

Fig. 8

7. Open the window where you need to install the exhaust air duct, window kit, and their accessories.

8. Install the exhaust air duct, window kit, and their accessories onto the window. Close the window according to the arrowhead direction in Fig7, pressing the window kit tightly.

9. Install the exhaust air duct, window kit, and their accessories onto the window following the illustration in Fig8.

Fig. 9

Fig. 10

10. Connect the other end of the exhaust air duct and its accessories to the portable air conditioner.

11. The assembly of the exhaust air duct and its accessories is complete, as illustrated in Fig10.

Fig. 11

12. The entire unit is now well-assembled, as shown in Fig11.

NOTES

Exhausting the Air

It is necessary to use the exhaust hose when using the machine.
When in Cooling Mode / He-Humidify Mode hot air will be expelled out of the exhaust hose

Venting the Exhaust Air

The exhaust hose should be kept as short and straight as possible so as to not restrict airflow of the exhausted air.

There are 3 x options with venting the exhaust air,

1) You can make a hole in the wall and pass the exhaust hose through the hole in the wall (this option doesn't require a window to be slightly open)
2) You can pass the end of the exhaust hose out of a slightly open window (you can pass the funnel attachment out of the window and then close the window onto the attachment to hold it in place
3) You can use the sliding window kit if you have an up/down or a side opening window

Window Kit

If you have a Hinged Window the above kit will not work with it, you can place the end of the exhaust out of the hinged window and the machine will vent this way, if you wish to seal the gap around the hose so to seal the window there are fabric kits that can be purchases online from the likes of Amazon (we don't sell them Im afraid)

OPERATION

Before Use

- Check that the Exhaust Hose has been mounted properly (see 'Installation' section). If the exhaust Hose is not correctly used, hot air will blow back into the room you are trying cool
- Check that the drain plug at the bottom rear of the unit is securely plugged in, to prevent water leaks
- Check that the local mains power matches that shown on the rating label of the unit
- Check that the location of the unit is suitable (flat, stable surface; away from sources water / heat)
- If the unit has recently been transported, let it stand for 6 hours to allow the compress contents to settle

Cooling Mode

Press the "Mode" button till the "Cool Mode" icon appears.
Press the "▲"or" ▼"button to select a desired room temperature. (16℃ - 31℃)
Press the "Fan Speed" button to select wind speed.

NOTE: During hot days, the unit will cool off the room most efficiently by setting the temperature at the lowest and the fan speed at the highest. Reducing the length of the exhaust hoses, insulating the exhaust hoses, and keeping direct sunlight to a minimum will also improve the cooling efficiency.

Dry (De-humidifying) Mode

Press the "Mode" button till the "Dry Mode" icon blinks
Automatically set the selected temperature to current room temperature minus 2℃.
Automatically set the fan motor to LOW wind speed.

Swing (air flow)

After machine turns on, press this key, the louver will swing continuously left and right; by pressing this button again the movement will stop and the louver remain in that position.

Sleep Control Function

While in cooling mode, press the SLEEP button to set the temperature. It increases1 ℃ after an hour and at most increases 2 ℃ after 2 hours.
While in heating mode, press the SLEEP button to set the temperature. It decreases 1 ℃ after an hour and at most decreases 2 ℃ after 2 hours.

Press the SLEEP key again can cancel the setting.

WATER DRAINAGE

When the unit is in cooling / dehumidify mode, unwanted water is extracted from the air. Most of this water is re-used to cool the unit and make it run more efficiently. When the unit is used in extremely humid environments, water will collect in a water container at the bottom of the unit. When the water container is full, the compressor will stop but the fan will continue to run.

When the water container is full, the unit will display 'FULL' by means of the Water Indicator Full lamp being illuminated on the control panel until the tank is emptied. To resume operation, empty the water container according to the following steps:

1. Turn the unit off. Try not move the unit when the water container is full (can cause spillage)
2. Place a drain pan under the drainage port at the back of the unit (perhaps use a shallow tray)
3. Remove the rubber plug from the drain hole & drain water
4. Once the water container has been emptied, replace the rubber plug into the drain hole firmly

Continuous Drainage

You can of course set the unit up for continuous drainage thus negating the need to empty water from the machine. To do this remove the rubber bung from the unit and attach the drain hose to the unit, then drain the water into a container (be careful that it doesn't overspill from the container)

How to use two drainage tubes

- To Drain the machine in Cooling & Dehumidifying Mode please remove the drain plug in the middle back of the machine and attach the drain hose to have a gravity drain, this way the water full lamp will not appear.

WIFI CONTROL

Connecting Your Air Conditioning Unit to The Smart Life App

Step 1: Download the Smart Life App

Scan the QR code (on the right) or search for "**Smart Life**" on the App Store/Play Store.

Step 2: Registering an Account

Once the app has downloaded, open it and click login.
If you do not already have an account, click register.
You will be met with the page shown on the left.
You can also register using your phone number.

When you have registered, you will receive a verification code either through email or text, depending on how you registered (see below).

Step 3: Creating Your "Smart Family"

After registering and verifying using the code, you will be ready to set up your new smart device.
Simply click"**Create Family**" (shown on the right).

You will be taken to the page shown on the right.
This is where you can set up which room the air conditioning unit is in.

The family name is a group name under which all your smart devices will be grouped; this does not have to be correct; it is simply a group under which all your smart devices will be located.

The location is NOT mandatory; if you do not wish to enter this information, you do not have to.

Once all this information is entered, click"**Done**" in the top right, and you will be taken to the main Home Page. From here, you can control all of your smart devices.

Step 4: Binding the unit to the App

From the home page, click "**Add Device**," and you will be taken to this page on the left.

Select "**Home Appliances 1**" from the list and then select "**Air Conditioner**" (Blue box around the correct item).

To put the unit into Wi-Fi mode, plug the unit into the wall, but do not push the power button.
Simply press and hold the "MODE" button until the unit beeps, and the Wi-Fi LED lashes. This will usually take between 5-10 seconds.

Below is the control panel of the PAC12M model with the "MODE" button highlighted.

Once the LED is lashing rapidly, proceed to click "**Confirm indicator rapidly blink**" on your screen.

You will then be brought to this page (on the right), where it should automatically input your Wi-Fi network name connected to your phone. Enter the password, then click "**Confirm**." Please note the unit will be searching for the App to connect to; input these details as soon as possible after confirming the LED lashing.

Once entered and pressed "**Confirm**," the App will be trying to connect to the unit.
Wait while the unit connects (shown on the right).
If the unit fails to connect, please retry from Step 4 before contacting us about a problem.

Step 5: Setting Up New Device on the App

Once the unit has connected, you will be given the option to change the name of the air conditioner. The name you enter will be what you refer to it as using Alexa or Google (the name can be changed at any time).

Please note ifyou have more than 1 air conditioning unit, you will need to name them diferently, so you can control each unit separately using Alexa or Google.

Now that you have successfully bound the system to the WiFi App, you can test this out by turning the unit on and setting the temperature.
Once this is working, you can now bind the Smart Life app to Alexia or Google.

MAINTENANCE & CLEANING

1) Before cleaning, be sure to disconnect the unit from any electric supply outlet;
2) Do not use gasoline or other chemicals to clean the unit;
3) Do not wash the unit directly;
4) If the conditioner is damaged, please contact the dealer or repair shop.

Cleaning Air Filter

If the air filter becomes clogged with dust/dirt the unit will not function properly, the air filter should be cleaned once every two weeks.

- Open the air inlet grille and take off air filter.
- Clean the air filter with a brush (brush the dust/dirt off the filter)
- If very dirty use a neutral detergent in lukewarm water and dry in the shade.
- Put air filter back into unit & close the air inlet grille.

Clean the Air-conditioner Surface

First clean the surface with a neutral detergent and wet cloth, and then wipe it with a dry cloth.

END OF SEASON STORAGE

Before storing the machine be sure to drain all of the water from the machine (see water drainage section)

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	REMEDY
Unit does not operate or only runs in fan mode.	Is the unit plugged in?	Securely plug the power cord into the wall outlet.
	Is the main power supply on?	Re-establish the main power supply.
	Is the water container full indicator light on?	Empty the water container.
	Is the timer set?	Change timer settings.
Cooling efficiency is not satisfactory.	Is the air inlet or outlet blocked?	Clear the blocking.
	Is there any other heat source in the room?	Move the heat source.
	Are the air filters dirty?	Clean the air filters.
	Is the temperature setting suitable?	Change the temperature setting.
	Is the fan speed set at low?	Increase the fan speed.
Auto power off in Heating Mode	Heating Protection, when the temperature at the air outlet exceeds 70C, the unit will power off automatically	Restart the unit at lower room temperature
Unit is noisy or vibrates.	Is the machine positioned unevenly on a level surface?	Place the unit on a level surface.
The unit starts and stops frequently.	Is the voltage from the power source correct?	Use a proper power source.
	Is the exhaust hose positioned incorrectly?	Position the exhaust hose correctly and keep the exhaust hose straight as possible.

ERROR CODES

Diagnostic system indicators appear if any of the following interrupts operation of the unit. The unit may require simple maintenance or repair by a qualified service technician.

E2 Code	Room temperature sensor failed	Replace room temperature sensor (the unit can also work without replacement.)
E3 Code	Evaporator temperature sensor failed	Replace temperature sensor
E4 Code	Water tray full	Please empty the water tray.

If any other error codes are displayed please contact the following via email **sales@climachill.co.uk**

TECHNICAL SUPPORT / CUSTOMER SERVICE CONTACT

If you require Technical Support or Customer Service please contact us in the following way: -

Email: office@climachill.co.uk