

Important safeguards

- This appliance is designed for home air conditioning and must not be used for other purposes.
- It is dangerous to modify or alter the characteristics of the appliance in any way.
- The appliance must be installed in conformity with legislation in force in the country concerned.
- If the appliance requires repair, contact a Service Centre authorised by the manufacturer only. Repairs carried out by unauthorised personnel may be dangerous.
- If the power cable is damaged, it must be replaced by the manufacturer, an authorised service centre or a qualified electrician in order to eliminate all risk.
- This appliance must be used exclusively by adults.
- Do not allow children or unfit persons to use the appliance without adequate supervision.
- Do not allow children to play with the appliance.
- The appliance must be connected to an efficient earth system.
Have your electrical circuit checked by a qualified electrician.
- Do not use extension cables.
- Before cleaning or maintenance operations, always unplug the appliance from the mains socket.
- Do not move the appliance by pulling the power cable.
- Do not install the appliance in rooms containing gas, oil or sulphur. Do not install near sources of heat.
- Do not rest heavy or hot objects on top of the appliance.
- Clean the anti-microbial filters at least once a week.
- Avoid using heating appliances near the air conditioner.
- Always transport the appliance upright or resting on one side.
- Use the appliance as described in this instruction manual only. As with all electrical equipment, whilst the instructions aim to cover as many eventualities as possible, caution and common sense should be applied when operating and installing this appliance.
- At the end of its working life, take the appliance to a special collection centre.
- The materials used for packaging can be recycled. You are therefore recommended to dispose of them in special differentiated waste collection containers.
- The refrigerant gas R407c conforms to EC regulations on the environment. Avoid perforating the refrigerant circuit of the appliance.
- Keep the appliance at least 50 cm away from flammable substances (alcohol etc) or pressurised containers (e.g. aerosol cans).

DESCRIPTION

- | | |
|--|--|
| 1 air outlet grille | 10 power cable compartment |
| 2 control panel | 11 external unit handle |
| 3 handles | 12 two mounting brackets with screws |
| 4 castors | 13 two spanners (some models only) |
| 5 filter | 14 four wall plugs with screws (some models only) |
| 6 evaporator air intake grille | 15 two belts with hooks |
| 7 external unit fixing screws | 16 one frame with sheath |
| 8 cover for quick-fit coupling compartment (some models only) | 17 four protective caps for connectors (some models only) |
| 9 water drain hose | 18 remote control unit |

Preparing for use

ELECTRICAL CONNECTIONS

Before plugging the appliance into the mains socket, check that:

- the mains power supply corresponds to the value indicated on the rating plate on the back of the appliance;
- the mains socket and electrical circuit are adequate for the appliance;
- the mains socket matches the plug. If this is not the case, have the plug replaced;
- the mains socket is adequately earthed.
- the mains socket is adequately earthed. **Failure to follow these important safety instructions absolves the manufacturer of all liability.**

The power cable must be replaced by a qualified professional only.

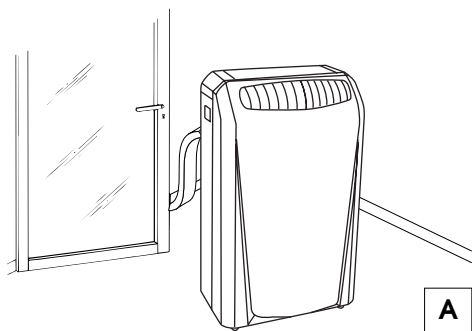
The instructions below will enable you to prepare your air conditioner for operation as efficiently as possible.

Before use, make sure the air intake and outlet grilles are unobstructed.

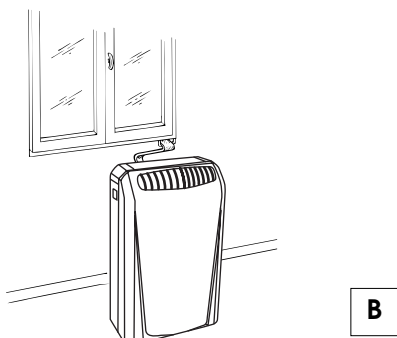
INSTALLATION

The sheath connecting the external and internal units can pass:

a) through a window or door left ajar (fig. A).

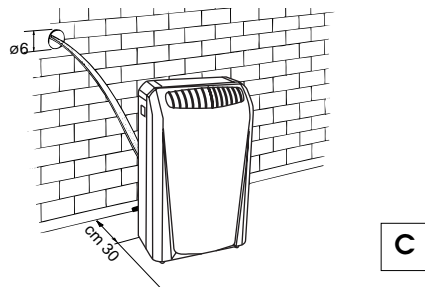


b) Through a small hole (5.5 cm x 2.5 cm) cut in the bottom part of a door or in a window frame, protecting the sheath by using the frame provided (fig. B).



USING THE QUICK-FIT COUPLINGS (some models only)

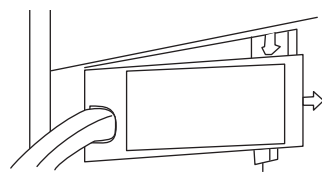
In addition to the methods described above, the sheath connecting the external and internal units can also pass through a hole with a diameter of about 6 cm cut in an outside wall (fig C) proceeding as follows:



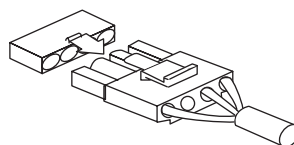
Turn the appliance off and unplug from the mains.

Wait about 30 minutes before following the instructions below:

- 1) Remove the screws and take off the cover of the quick-fit coupling compartment.

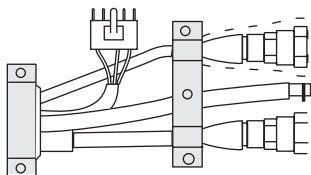


- 2) Press the tab to disconnect the electrical connection.

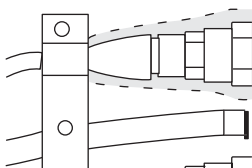


Preparing for use

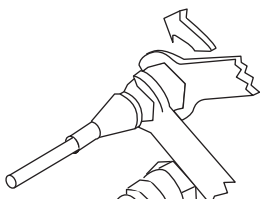
- 3) Remove the metal hose mounts.



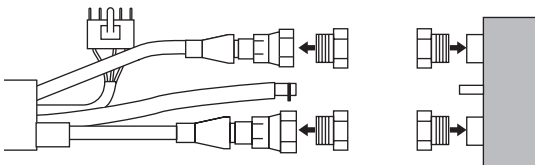
- 4) Remove the rubber insulation around the connection.



- 5) Use the two spanners supplied to uncouple the two hoses.



- 6) Screw the caps provided onto both the disconnected parts.
7) Disconnect the condensate drain hose carefully as water may leak out.



WARNING

To avoid leaks of refrigerant while disconnecting and reconnecting the quick-fit couplings, make sure the hoses are perpendicular with respect to the appliance.

Important

You are recommended to have the quick-fit couplings disconnected and reconnected by a qualified professional.

How to reconnect the quick-fit couplings

To reconnect the quick-fit couplings, repeat the previous operations in reverse, taking the following precautions:

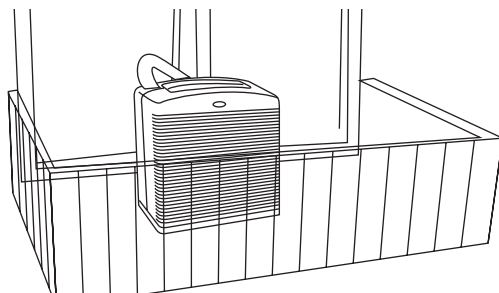
- Before passing the sheath through the hole in the wall, you should protect the threaded ends of the quick-fit couplings with insulating tape or similar.
- Fit the two refrigerant couplings together, making sure they are perpendicular with respect to the appliance. Screw them up a couple of turns by hand to make sure they fit together correctly, then tighten using the spanners used previously.
- After connecting the two refrigerant couplings, fix the two metal mounts.
- Check the tightness of the refrigerant couplings by moistening the junctions with a little soapy water. No soap bubbles should form.

INTERNAL UNIT

Install the internal unit in the room to be air conditioned. It should usually be beneath a window or in any case near an outside wall. The internal unit must be level. The air intake and outlet grilles of the internal unit must always be kept free.

EXTERNAL UNIT

- 1) The external unit can be stood on a terrace or balcony. In this case, it is not necessary to use the mounts.



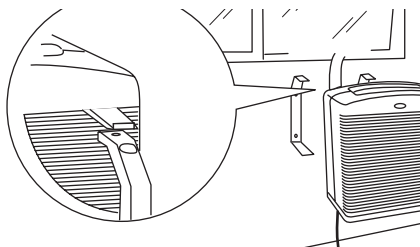
Important

Make sure the external unit water drain hose is free from kinks or obstructions.

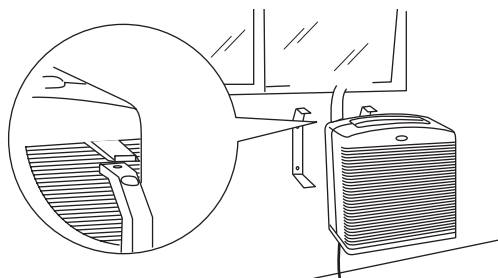
Preparing for use

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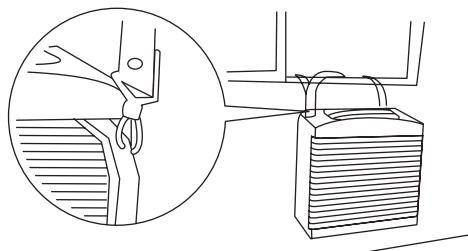
- 2) The external unit can be hung on a wall using the mounts supplied. In this case, proceed as follows:
 - a) Fix the mounts to the wall, making sure they are positioned as shown in the figure.



- b) Hook the external unit to the mounts and fix with the screws provided.



- 3) Alternatively, to install temporarily, the external unit can be hung as follows:
 - a) Attach the mounts to the external unit and fix them using the screws provided.
 - b) Attach the belts to the mounts.
 - c) Attach the other end of the belts securely.



The external unit can be installed on the same level as the internal unit or higher, provided the difference in height does not exceed 1.5 m.

The air intake and outlet grilles of the external unit must always be kept free. Condensate forming during air conditioning (summer mode) is eliminated through evaporation from the external unit.

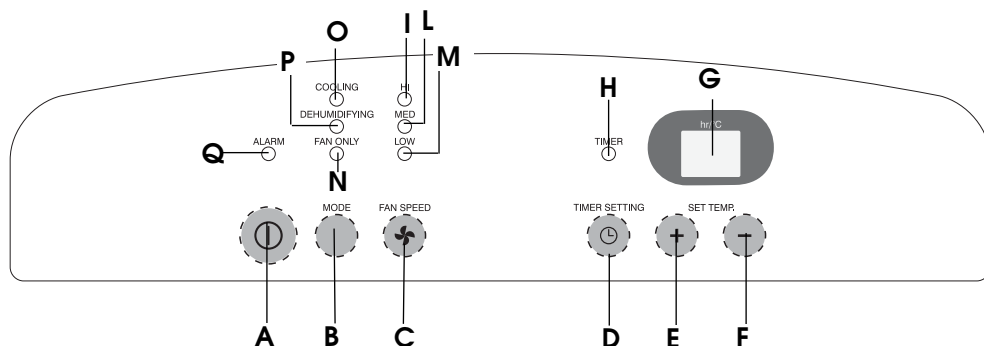
In particular cases of exceptionally high humidity, the condensate must be eliminated using the condensate drain hose (after removing the rubber cap).

Important:

The external unit must be protected from rain and bad weather.

Control panel

THE CONTROL PANEL



DESCRIPTION OF THE CONTROL PANEL

A ON/OFF button

B MODE selection button

Air conditioning, dehumidifying, fan.

C Fan speed selection button (HIGH/MED/LOW)

D Timer button

E Programmed operation increase temperature/time button

F Programmed operation decrease temperature/time button

G Display

Displays the temperature values set and the programmed operating time

H Timer in operation indicator light

I/L/M Fan speed lights

N Fan mode light

O Air-conditioning mode light

P Dehumidifying mode light

Q Alarm light

TURNING THE APPLIANCE ON

Plug the appliance into the mains.

Press the **ON/OFF button (A)** (when turned on, the air conditioner starts operating in the same mode as when it was turned off).

The display shows the room temperature.

Press the **MODE button (B)** until the indicator light corresponding to the required mode lights up:

Light **(O)**: air-conditioning mode

Light **(N)**: fan mode

Light **(P)**: dehumidifying mode

AIR-CONDITIONING MODE

Ideal for hot humid weather when you need to cool and dehumidify the room.

To set operation of the appliance correctly, press the + (E) or - (F) buttons until the desired temperature is displayed.

Then select the fan speed by pressing the FAN button (C) until the indicator light corresponding to the required fan speed lights up:

HIGH: the air conditioner operates at maximum to reach the required temperature as rapidly as possible

MED reduces noise levels but still maintains a good level of comfort

LOW: for silent operation

The most suitable temperature for the room during the summer varies from 24 to 27°C.

You are recommended, however, not to set a temperature much below the outdoor temperature.

Operation

FAN MODE

Adjust fan speed by pressing the FAN button (C) as described for the air-conditioning mode. Remember that the higher the speed, the more air is filtered. If you select "LOW" speed, less air is filtered but the appliance is also less noisy.

DEHUMIDIFYING MODE

Ideal for reducing the humidity in a room without lowering or raising the temperature (spring or autumn, damp rooms, rainy spells, etc).

When the dehumidifying mode is selected, the light (P) comes on.

At the same time, the "LOW" fan speed light (M) comes on. In this mode, other speeds cannot be selected.

PROGRAMMING THE TIMER

The timer can be used to delay appliance start up or shut down. This avoids wasting electricity by optimising operating periods.

How to programme delayed start up

- Plug the appliance into a mains socket and press the ON/OFF button (A), then select the required operating mode and other settings (temperature, fan speed, etc).
- Press the ON/OFF button (A) again to place the appliance in standby mode.
- Press the timer button (D). The timer light "H" flashes.
- Use the + (E) or - (F) buttons to set the number of hours delay before the appliance comes on. The time increases or decreases in steps of one hour.

The indicator light (H) flashes until the appliance starts up.

You can set the appliance to come on with a delay of up to 12 hours.

To cancel the timer programme, press the timer button (D) again.

Light (H) stops flashing.

How to programme delayed shut down

- Delayed shut down can be programmed in any operating mode (air conditioning / fan / dehumidifying).
- Press the timer button (D). The timer light "H" flashes.
- Use the + (E) or - (F) buttons to set the number of hours delay before the appliance goes off.

The time increases or decreases in steps of one hour.

At the set time, the air conditioner shuts down and remains in standby.

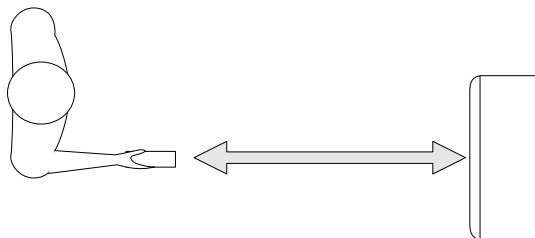
To cancel the timer programme, press the timer button (D) again.

Using the remote control unit

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REMOTE CONTROL DEVICE

- Point the remote control at the receiver on the air-conditioner.
- The remote control should be handled with extreme care and respect. Do not drop it, expose it to direct sunlight, or leave it near sources of heat.



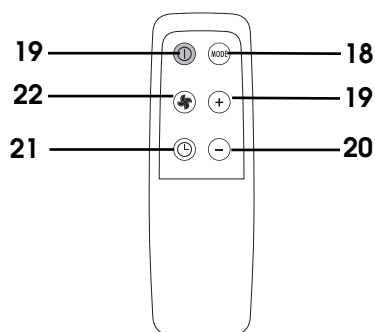
DESCRIPTION OF THE REMOTE CONTROL

- 17) "ON/OFF" button
- 18) "MODE" button
- 19) Programmed operation temperature increase button
- 20) Programmed operation temperature decrease button
- 21) "TIMER" button
- 22) Fan speed selection button (HIGH/MED/LOW)

NB. All functions can be selected from either the control panel or the remote control device.

Replacing the batteries

- Remove the cover on the rear of the remote control;
- Replace the old batteries with two new LR03 "AAA" 1.5V batteries, inserting them correctly (see the instructions inside the battery compartment);
- Replace the cover.



If the remote control unit is replaced or discarded, the batteries must be removed and disposed of in accordance with current legislation as they are harmful to the environment.

TURNING THE APPLIANCE ON

Plug the appliance into the mains.

Press the **ON/OFF button (17)** (when turned on, the air conditioner starts operating in the same mode as when it was turned off).

Press the **MODE button (18)** to select the required mode

COOLING

DEHUMIDIFYING

FAN ONLY

On the control panel, the light corresponding to the selected mode comes on.

For air conditioning/dehumidifying/fan only settings and programming the timer, see page 21-22.

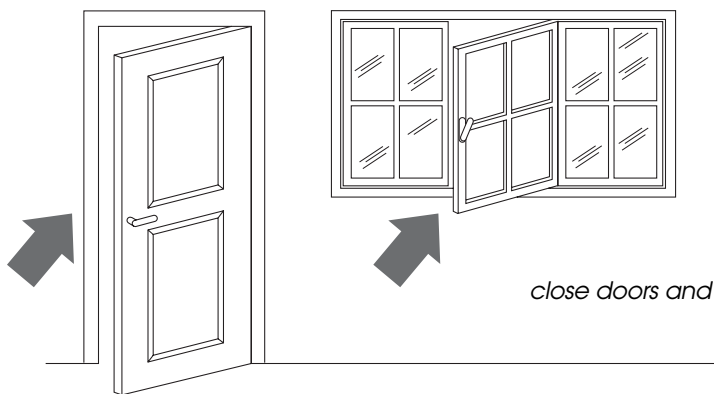
Tips

A LAST LOOK ROUND THE ROOM

To get the best from your air conditioner, follow these recommendations:

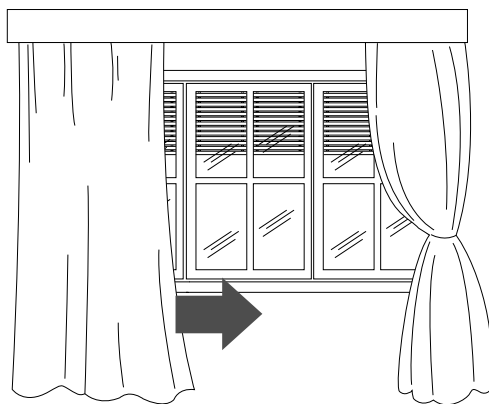
- close all doors and windows in the room to be air conditioned. The only exception is when the appliance is installed through a window, in which case the window must be left slightly ajar.

- Never use the appliance in very damp rooms (laundries for example).
- Never use the appliance outdoors.

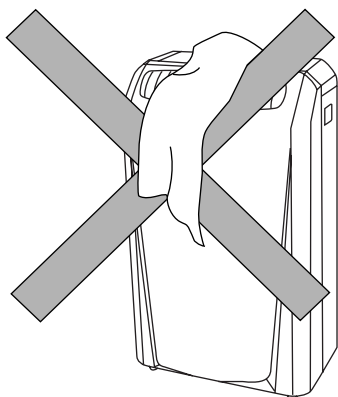


close doors and windows

- Protect the room from direct exposure to the sun by partially closing curtains and/or blinds to make the appliance much more economical to run;
- Never rest objects of any kind on the air conditioner;
- Never obstruct the air intake or outlet grilles;
- Make sure there are no heat sources in the room.



close blinds or curtains



*do not cover
the appliance*

Make sure the air conditioner is on a **level** floor.

The appliance is fitted with a safety system preventing the compressor from coming on less than three minutes from the last shutdown.

Cleaning

Before cleaning or maintenance, turn the appliance off by pressing the ON/OFF button (A), then always unplug the appliance from the mains socket.

CLEANING THE CABINET

You should clean the appliance with a slightly damp cloth then dry with a dry cloth. For safety reasons, never wash the air conditioner with water.

Precautions

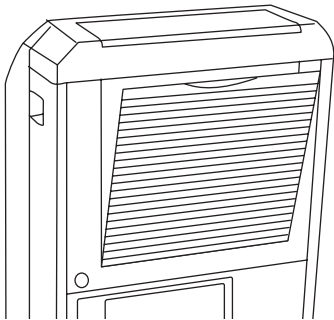
Never use petrol, alcohol or solvents to clean the appliance. Never spray insecticide liquids or similar.

CLEANING THE AIR FILTERS

To keep your air conditioner working efficiently, you should clean the dust filter every week of operation.

The filter is housed in the intake grille.

To clean the filters, extract as shown in figure.



Use a vacuum cleaner to remove the dust collected on the filter.

If it is very dirty, immerse in warm water and rinse a number of times.

The water should never be hotter than 40°C.

After washing, leave the filter to dry.

Put the filter back in its housing.

START OF SEASON CHECKS


Make sure the power cable and plug are undamaged and the earth system is efficient. Follow the installation instructions precisely.

END OF SEASON OPERATIONS

To empty the internal circuit completely of water, remove the drain hose cap. Run off any water left completely. When the appliance is empty, replace the cap on the hose. Clean the filter and dry thoroughly before putting back.

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Troubleshooting

PROBLEM	CAUSE	REMEDY
The air conditioner does not come on	<ul style="list-style-type: none"> - no electricity - it is not plugged into the mains - the safety device has tripped 	<ul style="list-style-type: none"> - wait - plug into the mains - contact your service centre
The air conditioner works, but does not cool the room	<ul style="list-style-type: none"> - window open - there are heat sources in the room (burner, lamp, etc) - air filter clogged - the air conditioner is not powerful enough for the conditions or size of the room 	<ul style="list-style-type: none"> - close the window - eliminate the heat source - clean or replace the filter
Particular odour in the room	<ul style="list-style-type: none"> - the filter is clogged 	<ul style="list-style-type: none"> - clean or replace the filter
The air conditioner does not operate for about three minutes after turning it on	<ul style="list-style-type: none"> - the safety device has tripped 	<ul style="list-style-type: none"> - wait for three minutes
The alarm light  comes on	<ul style="list-style-type: none"> - the tank inside the appliance is full. 	<ul style="list-style-type: none"> - empty the tank by means of the hose on the back of the appliance (see "End of season operations" on page 25).

Guarantee/technical specification

GUARANTEE AND TECHNICAL ASSISTANCE

The conditions of the guarantee and technical assistance are given on the certificate supplied with your appliance.

TECHNICAL SPECIFICATION

Power supply voltage	see rating plate
Max. absorbed power during air conditioning	"
Refrigerant	"
Cooling capacity	"

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LIMIT CONDITIONS

Room temperature for air conditioning	21 - 32°C
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Internal unit dimensions:

• width	480 mm
• height	840 mm
• depth	300 mm
• weight	44 kg

External unit dimensions:

• width	450 mm
• height	450 mm
• depth	300 mm
• weight	18 kg

Transport, filling, cleaning, recovery and disposal of refrigerant should be performed by a technical service centre appointed by the manufacturer only.

The appliance should be disposed of by a specialist centre appointed by the manufacturer only.