

# IMPORTANT SAFEGUARDS

- Use this appliance only as described in this instruction manual.  
As with any electrical appliance, the instructions aim to cover as many eventualities as possible. Caution and common sense should be used when operating and installing this air conditioner.
- This appliance has been manufactured to cool and dehumidify domestic environments and should not be used for other purposes.
- It is dangerous to alter or modify the unit's characteristics in any way.
- The appliance must be installed in line with the relevant national legislation.
- Should repairs be necessary, contact the nearest authorized Repair Service Center. Unauthorized servicing can be dangerous.
- The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
- In the case that the power cord becomes damaged, this must be substituted only by specialized personnel authorized by the manufacturer, to protect against fire.
- Always ensure the appliance is grounded. If you have any doubts check with a qualified electrician.
- we strongly discourage the use of an extension cord due to potential safety hazards for temporary situations, use only CSA certified and cUL listed 3-wire grounded extension cord, attachment plug and connector, rated 15A, 125V
- Before cleaning or maintenance operations, always unplug the unit from the outlet.
- Do not pull on or place strain on the power cord when moving the appliance.
- The appliance should not be installed where the atmosphere may contain combustible gases, oil or sulphur, or near heat sources.
- Do not rest hot or heavy objects on the appliance.
- Clean the filters at least once a week.
- Avoid using heaters near the unit.
- The unit should be transported in a vertical position. If this is not possible secure the unit at an angle, do not lie it horizontally.
- Before transporting the unit, drain the unit. After transportation, wait at least 4 hour before switching the unit on.
- The packaging materials can be recycled. You are therefore recommended to place them in the special containers for differentiated waste collection.
- This appliance is fitted with a special safety device. When the compressor switches off, this device prevents it from switching on again for at least 3 minutes.

## SAVE THESE INSTRUCTIONS THIS PRODUCT IS FOR HOUSEHOLD ONLY

### DESCRIPTION

- |                                       |  |
|---------------------------------------|--|
| <b>1</b> air outlet grille            | <b>9</b> power cable                                   |
| <b>2</b> control panel                | <b>10</b> wall flange                                  |
| <b>3</b> castors                      | <b>11</b> air exhaust hose                             |
| <b>4</b> handles                      | <b>12</b> window outlet                                |
| <b>5</b> filter                       | <b>13</b> castor locks                                 |
| <b>6</b> evaporator air intake grille | <b>14</b> remote control unit                          |
| <b>7</b> air exhaust hose housing     | <b>15</b> single hole window bracket with locking pins |
| <b>8</b> drainage hose                | <b>16</b> Window bracket without holes                 |

# INSTALLING YOUR PORTABLE AIR-CONDITIONER

## 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.

**Failure to follow these important safety instructions absolves the manufacturer of all liability.**

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

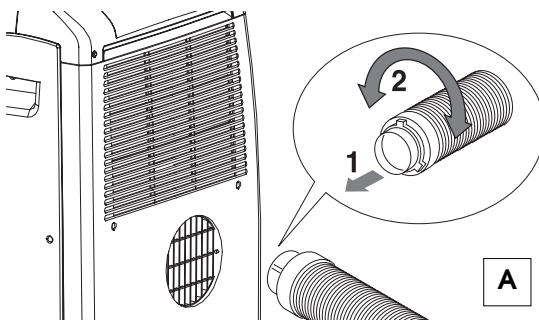
The instructions below will enable you to prepare your air conditioner for operation as efficiently as possible.

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

## AIR-CONDITIONING WITHOUT INSTALLATION

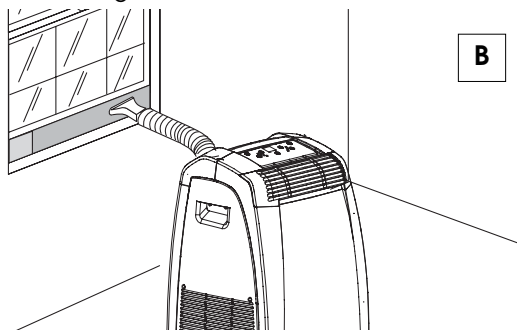
Just a few simple steps and your comfort is ensured with your air conditioner:

- Fit the air exhaust hose **11** in the housing **7** at the back of the appliance. Insert it as shown in figure **A**.



For optimum results:

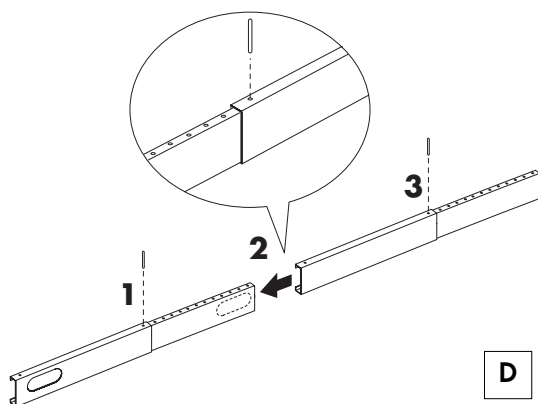
- If you have a sash window, place the bracket **15** on the window sill, extend the bracket fully within the window frame, fix the bracket by using the pin then lower the window onto the bracket. Insert the window outlet **12** of the exhaust hose **11** into the slot, then connect the hose to the air conditioner (fig. **B**).



Thanks to the locking pins, it's possible to use the window bracket also for sliding windows. Position the hole of the bracket so to allow a correct installation of the exhaust hose (see figure **C**).



- If the windows are large, use the window bracket without holes (**16**) (if provided) to cover your window aperture, extending it to the required length, then blocking it with the locking pins supplied (see figure **D**). Make sure you do not cover the hole for the window outlet.

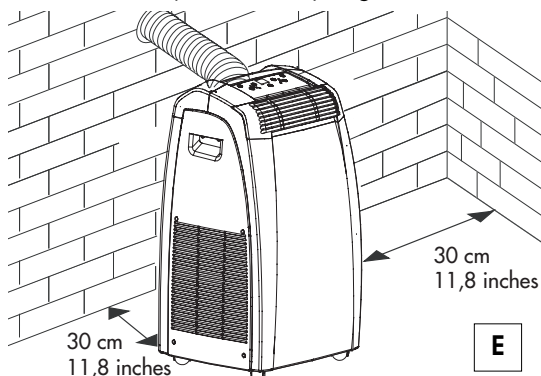


Keep the air hoses as short and free of curves as possible to avoid constrictions

# Preparing for use

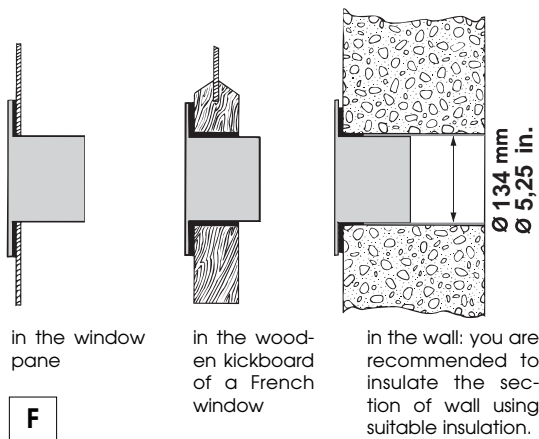
## SEMI-PERMANENT INSTALLATION

If required, your appliance can also be installed semi-permanently (Fig. E).

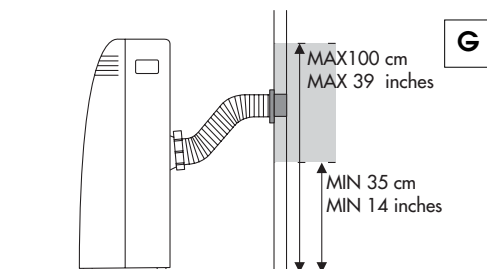


Proceed as follows:

- Drill a hole ( $\varnothing$  134 mm) in an outside wall or through a window pane. Respect the dimensions and height of the hole given in figure F and G.



- Fit the wall flange **10** into the hole.
- Fit the air exhaust hose **11** in the relevant hose located on the rear side of the appliance. (fig. A page 5).
- Fit the end of the hose **11** to the wall flange **10** as shown in fig. G.

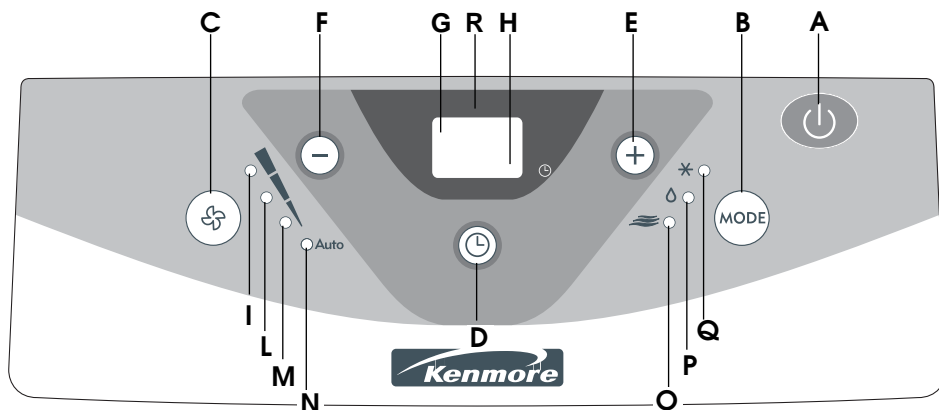


**NOTE:** When installing the air conditioner semi-permanently, you should leave a door slightly open (as little as 1 cm) to guarantee correct ventilation.

Keep the air hoses as short and free of curves as possible to avoid constrictions.

# Control panel

## THE CONTROL PANEL



## DESCRIPTION OF THE CONTROL PANEL

**A ON/STAND-BY button**

**B MODE selection button**

Air conditioning, dehumidifying, fan.

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

**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/N Fan speed lights** and **AUTO** light

**O Fan mode light**

**P Dehumidifying mode light**

**Q Air-conditioning mode light**

**R Remote control receiver**

# Operation

## TURNING THE APPLIANCE ON

Plug into the mains socket.

Two lines appear on the display indicating that the appliance is in stand-by.

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

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

Light (Q) ✕ : air-conditioning mode

Light (P) ♾ : dehumidifying mode


Light (O) ≡ : fan mode



## AIR-CONDITIONING MODE

Ideal for hot muggy 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  button (C) until the light corresponding to the required fan speed lights up:



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

reduces noise levels but still maintains a good level of comfort

for silent operation



**AUTO:** the appliance automatically selects the most suitable fan speed in relation to the temperature set on the digital display.

*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.*

## DEHUMIDIFYING MODE

Ideal for reducing humidity in spring and autumn, during rainy spells or in damp rooms, etc.

In dehumidifying mode, the appliance must have the same configuration as for the air conditioning mode, with the air exhaust hose fitted to the appliance to allow air to be discharged externally.

When the dehumidifying mode is selected, the light (P) comes on and " dh " appears on the display.

At the same time, the **AUTO** fan light (N) comes on. In this mode, other speeds cannot be selected.

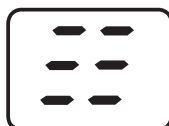


## FAN MODE

Adjust fan speed by pressing the  button (C) as described for the air-conditioning mode.

In this mode, **AUTO** cannot be selected.

The fan speed selected will be displayed.



# Self-diagnosis

## SETTING THE TIMER

The timer can be used to delay appliance start up or shutdown. 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/STAND-BY** button (**A**), then select the required operating mode and other settings (temperature, fan speed, etc).
- Press the **ON/STAND-BY** button (**A**) again: The appliance switches to stand-by mode (the two central segments are displayed).
- Press the **TIMER** button (**D**). The last timer setting or the preset value **6.0** flashes on the display.
- Use the + (**E**) or - (**F**) buttons to set the number of hours delay before the appliance starts. During the first ten hours, you can select half hour intervals. For times greater than ten hours, one hour intervals can be selected. If the + (**E**) or - (**F**) buttons are pressed for more than 2 seconds, the time runs rapidly up to a maximum of 24 hours. Press the timer button again within a few seconds to confirm the setting. If the setting is not confirmed within a few seconds, the display resets to stand-by. With the timer activated, the countdown before the programmed start up time is displayed and the light (**H**) flashes.

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

### How to programme delayed shutdown

- Delayed shutdown can be programmed in any operating mode (air conditioning/dehumidifying/fan).
- Press the **TIMER** button (**D**). The last timer setting or the preset value **6.0** flashes on the display.
- Use the + (**E**) or - (**F**) button to set the number of hours delay before the appliance stops. During the first ten hours, you can select half hour intervals. For times greater than ten hours, one hour intervals can be selected.  
If the + (**E**) or - (**F**) buttons are pressed for more than 2 seconds, the time runs rapidly up to a maximum of 24 hours.

Press the timer button again within a few seconds to confirm the setting.




When the timer is set, the light (**H**) flashes.

At the set time, the air conditioner shuts down and remains in stand-by.

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

## SELF-DIAGNOSIS

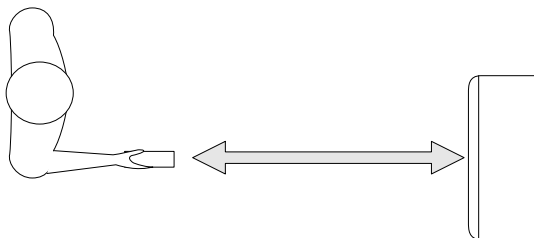
The appliance has a self diagnosis system to identify a number of malfunctions.

IF ... IS DISPLAYED	...WHAT SHOULD YOU DO?
 <b>LOW TEMPERATURE</b> (frost prevention)	When the appliance is operating in dehumidifying mode, this device prevents the formation of ice. The appliance starts up again automatically when the defrosting process is completed.
 <b>PROBE FAILURE</b> (sensor damaged)	If this is displayed, contact your local authorised service centre.
 <b>FULL TANK</b>	Empty the internal tank, see page 14 "End of season operations"

# Using the remote control unit

## MODELS WITH REMOTE CONTROL

- 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.

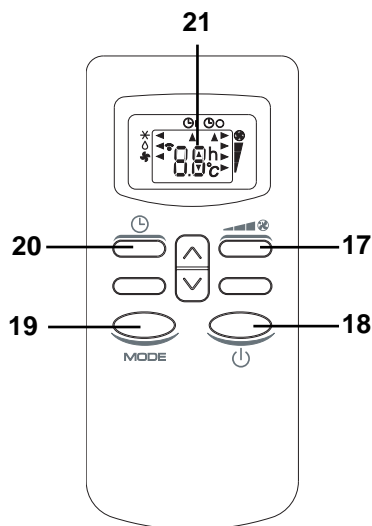


## DESCRIPTION OF THE REMOTE CONTROL

- 17) Fan button ( )
- 18) ON/STAND-BY button ( )
- 19) Mode button ( )
- 20) Timer button ( )
- 21) Display

## 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.

Do not mix old and new batteries.


Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries.

Do not dispose of batteries in fire. Batteries may explode or leak.

# Using the remote control unit

## TURNING THE APPLIANCE ON

Plug into the mains socket.

Press the ON/STAND-BY button  (18) (when turned on, the air conditioner starts operating in the same mode as when it was turned off).

Press the **MODE** button (19) to select the required mode:

**AIR-CONDITIONING** ( \* )


**DEHUMIDIFYING** ( ◊ )

**FAN ONLY** ( + )

An arrow on the display indicates the selected mode.





## AIR-CONDITIONING MODE ( \* )

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

In air-conditioning mode, use the  buttons to select the desired temperature.

The display shows the set temperature.

To change the fan speed, use the fan button  (17) on the remote control, choosing from the available speeds:

-  the appliance automatically selects the most suitable fan speed in relation to the temperature set on the digital display.
-  the air conditioner operates at maximum to reach the required temperature as rapidly as possible
-  reduces noise levels but still maintains a good level of comfort
-  for silent operation

Two arrows on the display indicate respectively air-conditioning ( \* ) and the fan speed.

*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.*

## DEHUMIDIFYING MODE ( ◊ )

Ideal to reduce room humidity (spring and autumn, damp rooms, rainy periods, etc).

In dehumidifying mode, the appliance selects fan speed automatically.

Two arrows on the remote control display indicate ◊ and  respectively.

## FAN MODE ONLY ( + )

In fan mode, fan speed can be set by pressing the fan button  (17).

The fan speed changes between the speeds available (LOW/MED/HIGH).




Two arrows on the display indicate the fan mode and the speed set.

In this mode, the auto speed cannot be selected.

## SETTING THE TIMER

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

### How to programme delayed shutdown

- With the air-conditioning unit on, press the timer button () 20. The time is displayed and the "h" symbol flashes, with a flashing arrow indicating "timer off" ().
- Set the time when you want the appliance to go off using the  buttons (from 30 minutes to 24 hours). During the first ten hours, you can select half hour intervals. For times greater than ten hours, one hour intervals can be selected.



# Using the remote control unit

- Press the timer button (🕒) **20** again to confirm the selection. The appliance emits a beep and the light (H) flashes on the control panel, confirming successful activation of the timer. A count-down of the time left is displayed on the remote control display and the light (H) flashes on the air conditioner display.
- At the end of the set time the appliance switches off automatically.
- To cancel the timer programme, press the timer button (🕒) **20** again. The appliance emits a beep and both displays reset to display the settings prior to activation of the timer.

## How to programme delayed start up

- With the air conditioner off, press the timer button (🕒) **20**. An arrow indicating "timer on" (🕒) flashes on the display. Now make all the desired settings for when the appliance will switch on (operating mode, fan speed and temperature). Confirm the settings by pressing the timer button (🕒) **20**. The time is displayed and the "h" symbol flashes. Set the time when you want the appliance to switch off using the buttons ⏮ (from 30 minutes to 24 hours). During the first ten hours, you can select half hour intervals. For times greater than ten hours, one hour intervals can be selected.
- Press the timer button (🕒) **20** again to confirm the start-up time. **A beep sounds and the time set is also displayed** on the control panel, confirming setting of the timer. The light (H) flashes on the air conditioner display. A countdown of the time left is displayed on both displays.
- At the end of the set time the appliance switches on automatically, with the settings made previously.
- To cancel the timer programme, press the timer button (🕒) **20** again. The appliance emits a beep and both displays reset to stand-by.

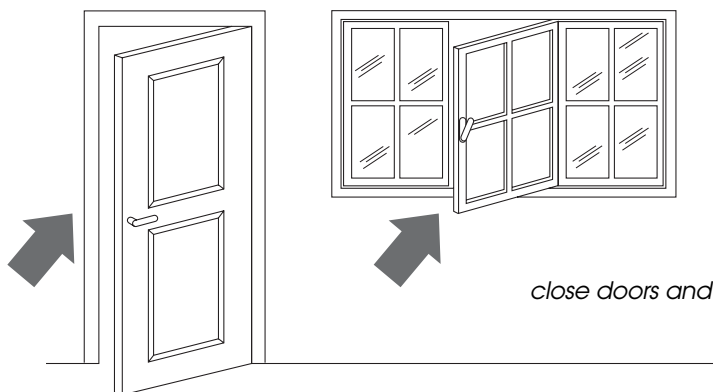
# Tips

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

- close the windows and doors in the room to be air conditioned.

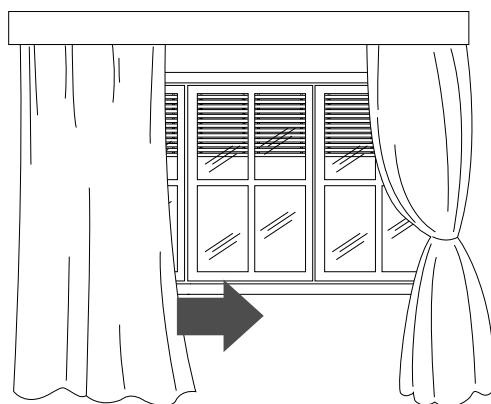
The only exception is when the appliance is installed through a hole in the wall.

In this case, you are recommended to leave a slight draught through a door or window to guarantee correct ventilation.

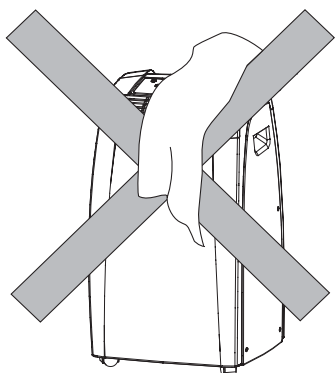


*close doors and windows*

- 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 **6** or outlet **1** 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. If necessary, place the two castor locks **13** under the front wheels **3**.

# Cleaning

Before cleaning or maintenance, turn the appliance off by pressing the ON/STAND-BY button (A) or in models with remote control unit, by pressing the ON/STAND-BY button (⏻), 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.

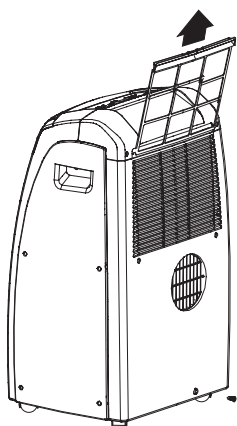
## CLEANING THE AIR FILTERS

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, proceed as follows

1. Remove the dust filter by extracting it upwards (figure H).
2. Use a vacuum cleaner to remove dust accumulations from 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, then put back in place.



H

## START OF SEASON CHECKS

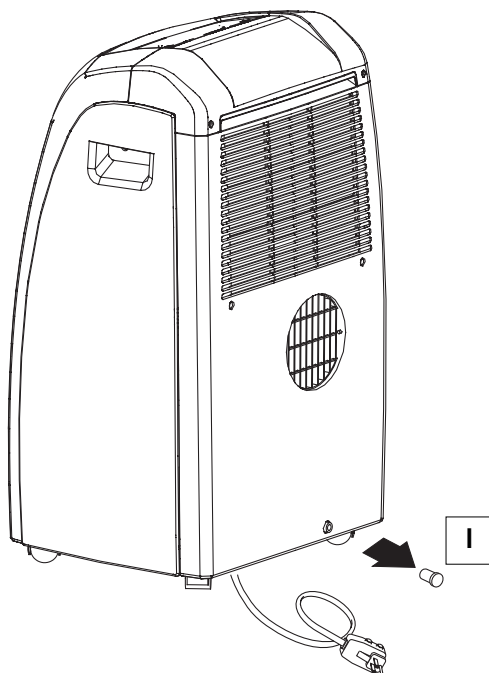
Make sure the power cable and plug are undamaged and the earth system is efficient. Follow the installation instructions precisely.

## END OF SEASON OPERATIONS

To empty the internal circuit completely of water, remove the cap (figure I).

Run off all water left into a basin. When all the water has been drained, put the cap back in place.

Clean the filter and dry thoroughly before putting back.



I

# Troubleshooting

PROBLEM	CAUSE	REMEDY
<b>The air conditioning unit does not start</b>	<ul style="list-style-type: none"> <li>• no electricity</li> <li>• it is not plugged into the socket</li> <li>• the safety device has tripped</li> </ul>	<ul style="list-style-type: none"> <li>• restore electricity</li> <li>• plug into the socket</li> <li>• reset the safety plug</li> </ul>
<b>The air conditioning unit works for a short time only</b>	<ul style="list-style-type: none"> <li>• the air exhaust hose has a constriction</li> <li>• the air exhaust hose is blocked</li> <li>• there are tight bends in the air exhaust hose</li> </ul>	<ul style="list-style-type: none"> <li>• position the exhaust hose correctly</li> <li>• check there are no obstacles obstructing air discharge</li> <li>• eliminate the tight bends</li> </ul>
<b>The air conditioner works, but does not cool the room</b>	<ul style="list-style-type: none"> <li>• window open</li> <li>• there are heat sources in the room (lamps, etc.)</li> <li>• the exhaust hose is detached</li> <li>• air filters clogged</li> </ul>	<ul style="list-style-type: none"> <li>• close the window</li> <li>• eliminate the heat source</li> <li>• connect the exhaust hose</li> <li>• clean or replace the filters</li> </ul>
<b>Particular odour in the room</b>	<ul style="list-style-type: none"> <li>• the filter is clogged</li> </ul>	<ul style="list-style-type: none"> <li>• clean or replace the filter</li> </ul>
<b>The air conditioner does not operate for about 3 minutes after turning it on</b>	<ul style="list-style-type: none"> <li>• the internal compressor safety device prevents the appliance from being restarted until three minutes have elapsed since it was last turned off.</li> </ul>	<ul style="list-style-type: none"> <li>• wait. This delay is part of normal operation.</li> </ul>
<b>LE / PF / FE appears on the display</b>	<ul style="list-style-type: none"> <li>• The appliance has a self diagnosis system to identify a number of malfunctions.</li> </ul>	<ul style="list-style-type: none"> <li>• see the SELF-DIAGNOSIS chapter.</li> </ul>

# Technical specification

## TECHNICAL SPECIFICATION

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

Dimensions of appliance:

• width	463 mm
• height	773 mm
• depth	372 mm
• weight	32 kg

## LIMIT CONDITIONS

Room temperature for air conditioning  $69.8 \div 95^{\circ}\text{F}$  ( $21 \div 35^{\circ}\text{C}$ )

**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.**

**NEVER TURN THE APPLIANCE UPSIDE DOWN OR ON ITS SIDE.  
IF THIS OCCURS, WAIT AT LEAST 4 HOURS BEFORE TURNING THE APPLIANCE ON**

This appliance is equipped with a 3 prong grounding plug. The plug must be connected into an outlet that is properly installed and grounded in the accordance with all local codes and ordinances. Do not modify the plug provided with the appliance. If it will not fit the outlet, have a proper outlet installed by a qualified electrician.

If the household electrical supply does not meet the above specifications, or if you are not sure your home has an effective ground, have a qualified electrician or your local electrical utility company check it and correct any problems.

## SAFETY PLUG

The appliance is fitted with a safety plug to protect the power cable.

If power is cut off, unplug from the mains and make sure the power cable is undamaged.

If the cable is damaged, call the service center immediately.

If power cuts off frequently and the power cable is undamaged, contact a qualified electrician.

## OPERATION OF THE SAFETY PLUG

If the safety device incorporated in the plug trips and cuts off the power supply, check that the power cable and plug are not damaged.

If the power cable is undamaged, to restore operation press the "RESET" button.

To verify correct operation of the plug, press the "TEST" button periodically and make sure the appliance disconnects. If this is not the case, contact the service center.

To restore operation, press the "RESET" button.

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