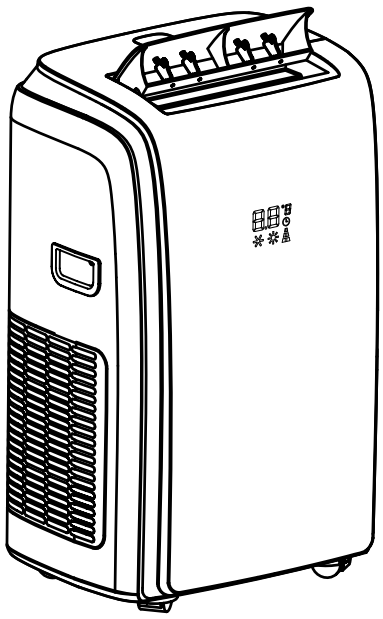
PORTABLE AIR CONDITIONER
USER MANUAL



Thank you for selecting our quality air conditioner. Please be sure to read this user manual carefully before using. Any question. please contact the professional service for help.



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IMPORTANT SAFEGUARDS

- Use this appliance only as described in this instruction manual. 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.
- 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 national legislation regulating electrical equipment and installations.
- If the appliance requires repair, contact a Service Centre authorised by the manufacturer only. Repairs carried out by unauthorised personnel may be dangerous.
- This appliance must be used exclusively by adults.
- 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, always unplug the appliance from the mains socket.
- Never unplug the appliance by pulling on the power cable.
- Do not install the appliance in rooms containing gas, oil or sulphur. Do not install near sources of heat
- Keep the appliance at least 50 cm away from flammable substances (alcohol etc) or pressurised containers (eg aerosol cans).
- Do not rest heavy or hot objects on top of the appliance.
- Clean the air filter at least once a week.
- Avoid using heating appliances near the air conditioner.
- Always transport the appliance upright or resting on one side. Before moving the appliance, empty the internal circuit completely of water. After moving the appliance, wait at least 1 hour before starting it.
- When putting the appliance away, do not cover with plastic bags.
- The materials used for packaging can be recycled. You are therefore recommended to dispose of them in special differentiated waste collection containers.
- At the end of its working life, consign the appliance to a specialist collection centre.
- If the power cable is damaged, it must be replaced by the manufacturer or an authorised technical service centre in order to avoid all risk.
- This 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.

Important information for correct disposal of the product in accordance with EC Directive 2002/96/EC.



At the end of its working life, the product must not be disposed of as urban waste. It must be taken to a special local authority differentiated waste collection centre or to a dealer providing this service. Disposing of a household appliance separately avoids possible negative consequences for the environment and health deriving from inappropriate disposal and enables the constituent materials to be recove–red to obtain significant savings in energy and resources.As a reminder of the need to dispose of household appliances separately, the product is marked with a crossed–out wheeled dustbin.

ELECTRICAL CONNECTIONS

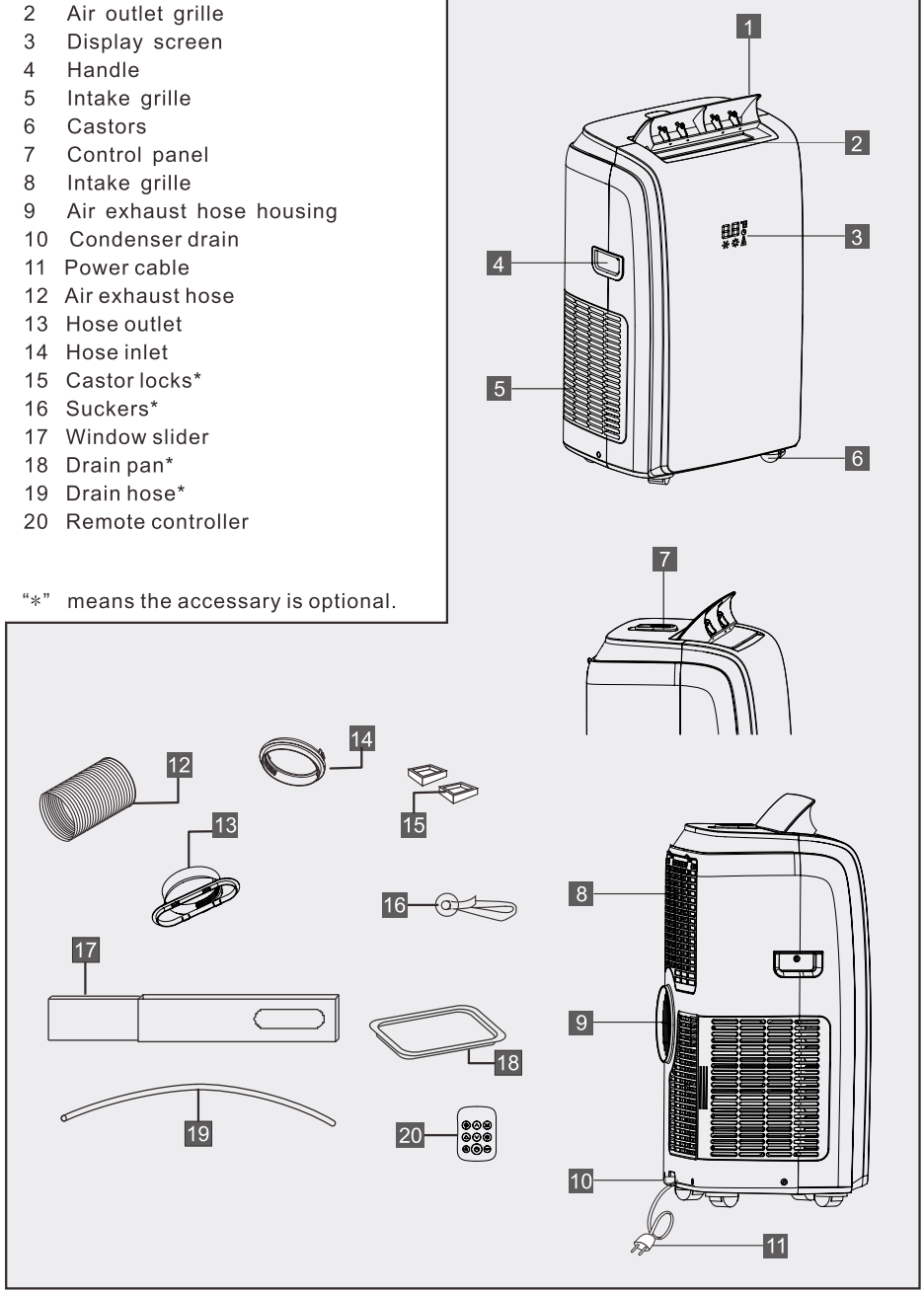
Before plugging the appliance into the mains socket, check that:

- the mains power supply corresponds to the value indicated on the rating plate on the back of the appliance;
- the power 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.

DESCRIPTION

1 Deflector
2 Air outlet grille
3 Display screen
4 Handle
5 Intake grille
6 Castors
7 Control panel
8 Intake grille
9 Air exhaust hose housing
10 Condenser drain
11 Power cable
12 Air exhaust hose
13 Hose outlet
14 Hose inlet
15 Castor locks*
16 Suckers*
17 Window slider
18 Drain pan*
19 Drain hose*
20 Remote controller

"*" means the accessary is optional.



PREPARING FOR USE

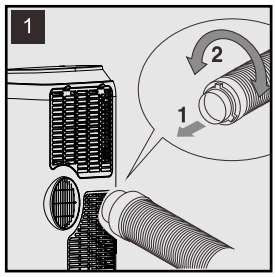
The instructions below will enable you to prepare your air conditioner for operation as efficiently as possible.
Before use, make sure the air intake and outlet grilles are unobstructed.

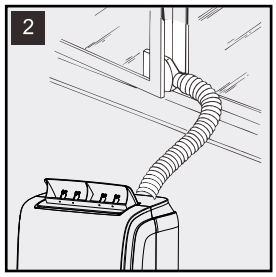
AIR-CONDITIONING WITHOUT INSTALLATION

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

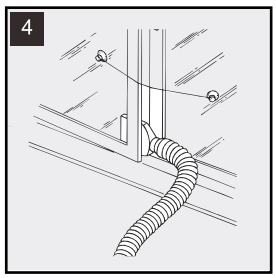
- Fit the air exhaust hose in the housing at the back of the appliance (fig. 1).
- Fit the window outlet to the end of the hose.
- Place the air conditioner near a window or French window. Adjust the length of the hose to reach the window.
- Make sure the air exhaust hose is unobstructed.
- Open the window or French window slightly and position the outlet (fig. 2).
- If you have a sash window, place the bracket 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 of the exhaust hose into the Slot, then connect the hose to the air conditioner(fig. 3).
- If you have a double window, use the sucker provided to hold the two parts of the window together (fig. 4).

Keep the air hose as short and free of curves as possible to avoid bottlenecks.

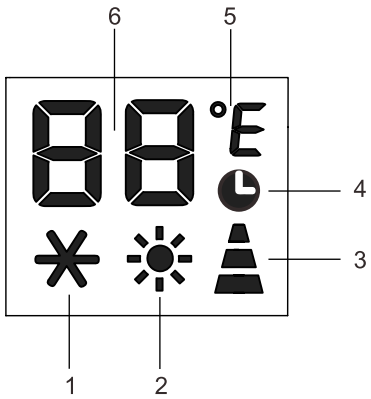








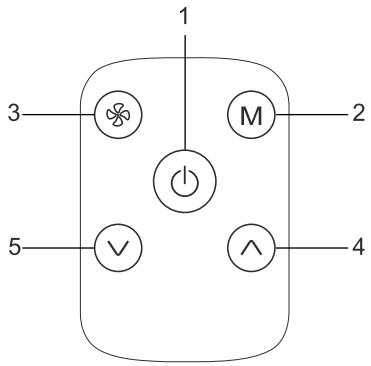
DESCRIPTION OF THE DISPLAY SCREEN



1 COOL symbol
2 HEAT symbol
3 FAN Speed indicator
4 TIMER symbol
5 Temperature symbol
6 Temperature indicator

OPERATING FROM THE CONTROL PANEL

The control panel is on the top of the appliance, enables you to manage part functions without remote controller, but to fully exploit its potential, you must use the remote controller.



1 ON/OFF button
2 MODE button
3 FAN button
4 INCREASE button
5 DECREASE button

TURNING THE APPLIANCE ON

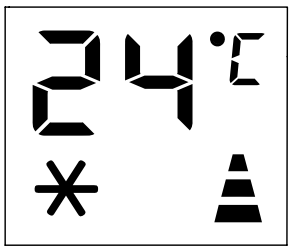
Plug into the mains socket, then the appliance is standby.

Press the ⏻ button to make the appliance turn on. The last function active when it was turned off will appear.

✔ Never turn the air conditioner off by unplugging from the mains. Always press the button ⏻, then wait for a few minutes before unplugging. This allows the appliance to perform a cycle of checks to verify operation.

COOL MODE

Ideal for hot muggy weather when you need to cooling and dehumidify the room.



To set this mode correctly:

- Press the **M** button a number of times until the ✱ symbol appears.
- Select the target temperature18~32°C(64~90°F) by pressing the ∧ or ∨ button until the corresponding value is displayed.
- Select the required fan speed by pressing the button. Three speeds are available:

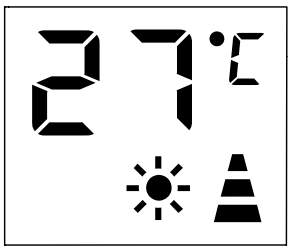
Maximum speed: to achieve the target tempe–rature as rapidly as possible

Medium speed: reduces noise levels but still maintains a good level of comfort

Low speed: for silent operation

The most suitable temperature for the room during the summer varies from 24°C to 27°C. You are recommended, however, not to set a temperature much below the outdoor temperature. The fan speed difference is more noticeable when the air conditioner is under fanning mode but may not be noticeable under cooling mode.

HEAT MODE ☼



- Press the **M** button a number of times until the ☼ symbol appears.
- Select the target temperature13~27°C(55~81°F) by pressing the ∧ or ∨ button until the corresponding value is displayed.
- Select the required fan speed by pressing the button. Three speeds are available:

Maximum speed: to achieve the target tempe–rature as rapidly as possible

Medium speed: reduces noise levels but still maintains a good level of comfort

Low speed: for silent operation

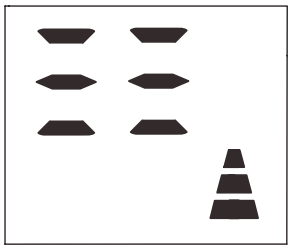
- Water is removed from the air and collected in the tank .
- When the tank is full, the appliance shuts down and " FL " (full tank) appears on the display. The tank cap must be extracted and emptied. Run off all water left into a basin. When all the water has been drained, put the cap back in place.
- When the tank has been emptied, the appliance starts up again.

N.B.- When operating in very cold rooms, the appliance defreezes automatically, momentarily interrupting normal operation. " LL " appears on the display. During this operation, it is normal for the noise made by the appliance to change.

- In this mode, you may have to wait for a few minutes before the appliance starts giving out hot air.
- In this mode, the fan may operate for short periods, even though the set temperature has already been reached.

"*" means only the heat pump model have this function.

FAN MODE



When using the appliance in this mode, the air hose does not need to be attached.
To set this mode correctly:

- Press the **M** button a number of times until the ☷ symbol appears.
- Select the required fan speed by pressing the button. Three speeds are available:



Maximum speed: for maximum fan power

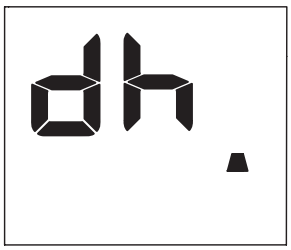


Medium speed: reduces noise levels but still maintains a good level of comfort



Low speed: for silent operation

DRY MODE



Ideal to reduce room humidity (spring and autumn, damp rooms, rainy periods, etc).
In dry mode, the appliance should be prepared in the same way as for cool mode, with the air exhaust hose attached to enable the moisture to be discharged outside.
To set this mode correctly:

- Press the **M** button a number of times until the **dh** symbol appears.
- Select the required fan speed by pressing the button. Three speeds are available:



Maximum speed: to achieve the best dehumidify effect.



Medium speed: can reduce noise level but still maintances a better dehumidify effect.



Low speed: for silent operation but weaken the dehumidify effect relatively.

Switch the unit of temperature

When the appliance is standby, press the **M** button 20 seconds, then you can change the unit of temperature.
For example:
Before change, in cool mode, the screen display like fig1.
After change, in cool mode, the screen display like fig2.

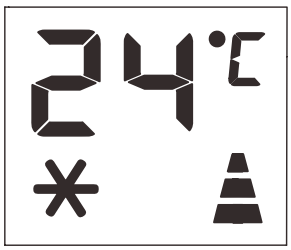


Fig 1

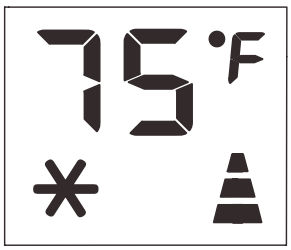


Fig 2

SELF–DIAGNOSIS

The appliance has a self diagnosis system to identify a number of malfunctions.
Error messages are displayed on the appliance display.

IF IS DISPLAYED,	WHAT SHOULD I DO?
 **LOW TEMPERATURE** (frost prevention)	The appliance is fitted with a frost protection device to avoid excessive formation of ice. The appliance starts up again automatically when the defrosting process is completed.
 **PROBE FAILURE** (sensor damaged)	If this is displayed, contact your local authorised servi–ce centre.
 **FULL TANK** (safety tank full)	Empty the internal safety tank, following the instructions in the "End of season operations" paragraph.

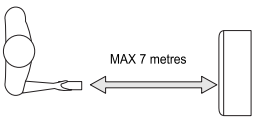
MANUAL OF REMOTE CONTROL



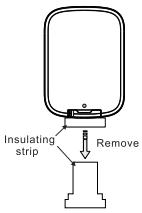
- Fan button
- Swing button
- Sleep button
- Increase button
- Decrease button
- On/Off button
- Mode button
- Timer button
- °C/°F Unit Switch button

✔ Point the remote control at the receiver on the appliance. The remote control must be no more than 7 metres away from the appliance (without obstacles between the remote control and the receiver).

✔ The remote control must be handled with extreme care. Do not drop it or expose it to direct sunlight or sources of heat. If the remote control do not work, please try to take out the battery, and put it back.



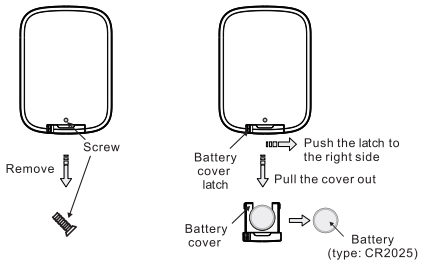
Using the Remote Control



The remote will come with a battery already installed.

To use the remote for the first time, remove the transparent insulating strip from the battery housing by gently pulling it out.

Replacing the Battery



INSERTING OR REPLACING THE BATTERIES

- Remove the cover on the rear of the remote control;
- Insert CR2025 3V batteries in the correct position (see instructions inside the battery compartment);
- Replace the cover.

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

TURNING THE APPLIANCE ON

Plug into the mains socket, then the appliance is standby.

Press the ⏻ button to make the appliance turn on.

The last function active when it was turned off will appear.

Never turn the air conditioner off by unplugging from the mains.Always press the button ⏻ , then wait for a few minutes befrore unplugging. This allows the appliance to perform a cycle of checks to verify operation.

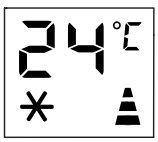
To replace the battery, follow the steps below:

1) Use a screwdriver to remove the screw that secures the battery cover;
2) Push the latch to the right side and pull the battery cover out;
3) Replace the battery and slide the battery cover back into the remote;
4) Replace the screw that secures the battery cover.

COOL MODE

Ideal for hot muggy weather when you need to cooling and dehumidify the room.

To set this mode correctly:



- Press the M button a number of times until the ✳ symbol appears.
- Select the target temperature 18~32℃ (64~90℉) by pressing the ∧ or ∨ button until the corresponding value is displayed.
- Select the required fan speed by pressing the button. Three speeds are available:

Maximum speed: to achieve the target temperature as rapidly as possible.

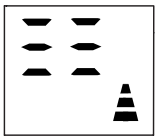
Medium speed: reduces noise levels but still maintains a good level of comfort.

Low speed: for silent operation.

The most suitable temperature for the room during the summer varies from 24℃ to 27℃. You are recommended, however, not to set a temperature much below the outdoor temperature.

FAN MODE

When using the appliance in this mode, the air hose does not need to be attached.
To set this mode correctly:



- Press the M button a number of times until the ☰ symbol appears.
- Select the required fan speed by pressing the button.

Three speeds are available:

Maximum speed: for maximum fan power

Medium speed: reduces noise levels but still maintains a good level of comfort

Low speed: for silent operation

HEAT MODE (only the heat pump model have this function)



To set this mode correctly:

- Press the M button a number of times until the ☀ symbol appears.
- Select the target temperature 13~27℃ (55~81℉) by pressing the ∧ or ∨ button until the corresponding value is displayed.
- Select the required fan speed by pressing the button.

Three speeds are available:

Maximum speed: to achieve the target temperature as rapidly as possible.

Medium speed: reduces noise levels but still maintains a good level of comfort.

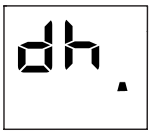
Low speed: for silent operation.

- Water is removed from the air and collected in the tank .
- When the tank is full, the appliance shuts down and " FL " (full tank) appears on the display.
  The tank cap must be extracted and emptied.
  Run off all water left into a basin.
- When all the water has been drained, put the cap back in place.
- When the tank has been emptied, the appliance starts up again.

N.B.- When operating in very cold rooms, the appliance defreezes automatically, momentarily interrupting normal operation. "LL" appears on the display. During this operation, it is normal for the noise made by the appliance to change.

- In this mode, you may have to wait for a few minutes before the appl iance starts giving out hot air.
- In this mode, the fan may operate for short periods, even though the set temperature has already been reached.

DRY MODE



Ideal to reduce room humidity (spring and autumn, damp rooms, rainy periods, etc).
In dry mode, the appliance should be prepared in the same way as for cool mode, with the air exhaust hose attached to enable the moisture to be discharged outside.

To set this mode correctly:

- Press the M button a number of times until the dh symbol appears.
- Select the required fan speed by pressing the button.

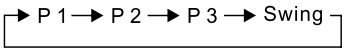
Three speeds are available:

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Low speed: for silent operation but weaken the dehumidify effect relatively.

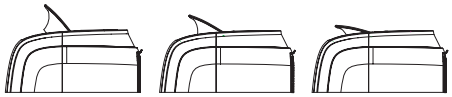
SWING FUNCTION



This function is useful for select the up/down swing of air delivery.
To set this function correctly:

- Select the operating mode (cool, dry, fan,heat) as described above.
- Press the △ button several times, the deflector will stop different positions or swing continuously.

The deflector position



SLEEP FUNCTION

This function is useful for the night as it gradually reduces operation of the appliance.
To set this function correctly:

- Select the cool or heat mode as described above.
- Press the button. The appliance operates in the previously selected mode.
- When you choose the sleep function, the screen will reduce the brightness.

The SLEEP function maintains the room at optimum temperature without excessive fluctuations in either temperature or humidity with silent operation. Fan speed is always at minimum, while room temperature and humidity vary gradually to ensure the most comfortable.

When sleep function is active, in order to supply more comfort to your sleeping, the set temperature increases conditions by 1℃ after 1 hour, increases another 1℃ after 2 hours, and then keeps the same in following period.

Switch the unit of temperature

In cooling or heating mode, press the ℃/℉ button, can change the unit of temperature.
For example:
Before change, in cool mode, the screen display.(fig 1)
After change, in cool mode, the screen display.(fig 2)

Fig 1

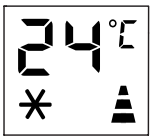
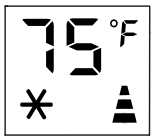


Fig 2



Programming start up

- Turn on the appliance, choose the mode you want, for example: cool, 24℃, high fan speed. Turn off the appliance.
- Press the button, the screen will display 1~24 hours, and the symbol and symbol and symbol are flash together.(fig 3)
- Press several times until the corresponding time is displayed. Wait about 5 seconds, the timer will be active, then only the symbol is displayed on screen.(fig 4)
- Press again the button or the button, the timer will be canceled, and the symbol will disappear from screen.

Fig 3

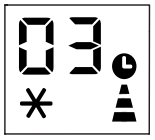


Fig 4



Programming start down

- Press the button, the screen will display 1~24 hours, and several symbols are flash together. (fig 5)
- Press several times until the corresponding time is displayed. Wait about 5 seconds, the timer will be active. then only the symbol is displayed on screen.(fig 6)
- Press again the button or the button, the timer will be canceled, and the symbol will disappear from screen.(fig 7)

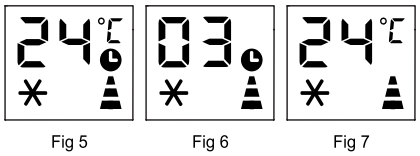
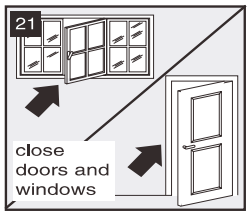


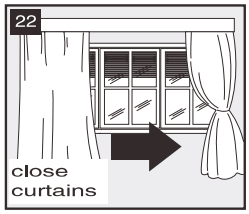
Fig 5 Fig 6 Fig 7

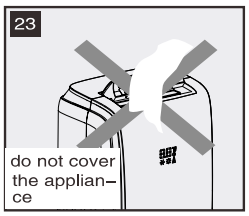
TIPS FOR CORRECT USE

To get the best from your air conditioner, follow these recom–mendations:

- Close the windows and doors in the room to be air conditio–ned (fig. 21). When installing the air conditioner semi–perma–nently, you should leave a door slightly open (as little as 1 cm) to guarantee correct ventilation.
- 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 (fig. 22);
- Never rest objects of any kind on the air conditioner;
- Do not obstruct the air intake and outlet (fig. 23). Leave the grilles free;
- Make sure there are no heat sources in the room.
- Never use the appliance in very damp rooms (laundries for example).
- Never use the appliance outdoors.
- Make sure the air conditioner is standing on a level surface. if necessary, place the castor locks under the front wheels.







WATER DRAINAGE METHOD

This air conditioner is equipped with the very last MIST technology which means the water tank nearly never fills, hence, water drainage will generally only be required at the end of the season(see START-END OF SEASON OPERATIONS). However, the MIST technology does not operate when the unit is in HEAT mode. Thus, the tank may still require emptying in HEAT mode.

NOTE

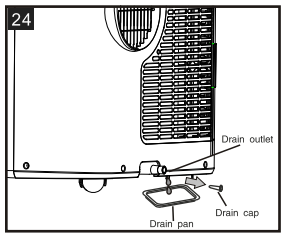
As a safety measure, to positively prevent water spillage, the air conditioner is equipped with a fail safe device, if, the water tank fills. The unit will completely stop, the control panel displays " FL " (FULL TANK as mentioned in SELF-DIAGNOSIE), the compressor and fan will not restart until the tank has been drained.

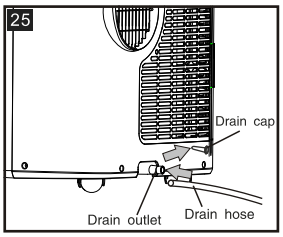
INTERMITTENT DRAINAGE(fig.24 and fig.25)

- Turn the air conditioner off, then drain the water tank by unplugging the drain cap and allowing the water to flow onto the drain pan. The drain pan will not hold the full contents of the water tank. A number of fills of the drain pan are required. It may be easier (after 3 or 4 pans have been drained in order to avoid accidental spillage when moving the air conditioner) to wheel the unit outside, remove the drain cap and drain the water onto the ground freely.

- The water tank is considered sufficiently when no more water flows from the drain outlet to completely drain all water from the water tank, tilt the unit by lifting it slightly upwards from the front until no more water drains from the outlet.

- Restart the air conditioner by pressing the on/off button. Ensure that the unit is in COOL, DRY or HEAT mode. The compressor will start approximately 3 minutes after the unit is switched on.





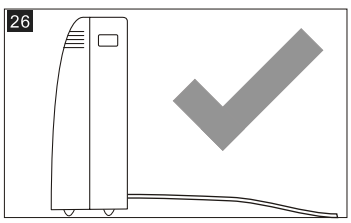
CONTINUOUS DRAINAGE (fig.26 and fig.27)

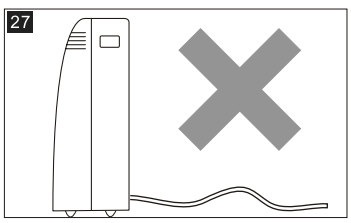
When operating in HEAT mode, continuous drain method can also be used to avoid the trouble of manual drainage.

- Empty the water tank completely.
- Connect one end of the drain hose on the drain outlet, and lead the other end to outdoor or and place where can be drained freely.
- Turn on the appliance and select HEAT mode.

When continuous drainage method adopted in HEAT mode, the water removed from the air flows out through the drain hose continuously.

NOTE
Please be sure that the height of and section of the drain hose should not be higher than that of the drain outlet, or the water tank may not be drained.





CLEANING

Before cleaning or maintenance, turn the appliance off by pressing the ⏻ button on the control panel or remote control, wait for a few minutes then unplug from the mains socket.

CLEANING THE CABINET

You should clean the appliance with a slightly damp cloth then dry with a dry cloth.

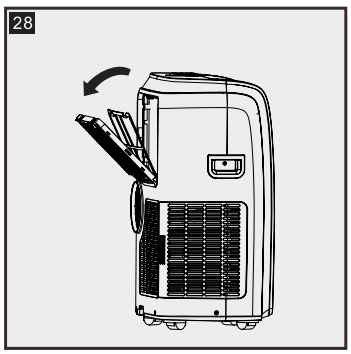
- ✔ Never wash the air conditioner with water. It could be dangerous.
- ✔ Never use petrol, alcohol or solvents to clean the appliance.
- ✔ Never spray insecticide liquids or similar.

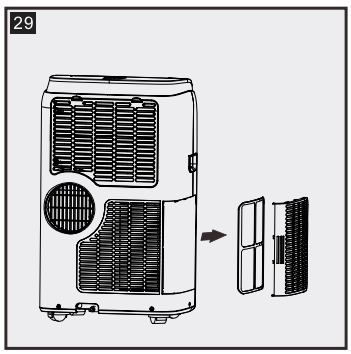
CLEANING THE AIR FILTERS

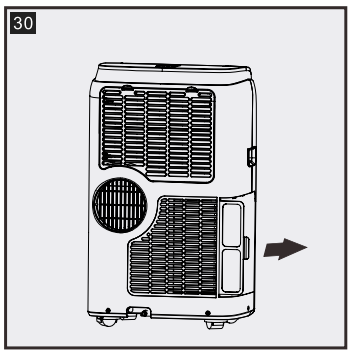
To keep your air conditioner working efficiently, you should clean the filter every week of operation.

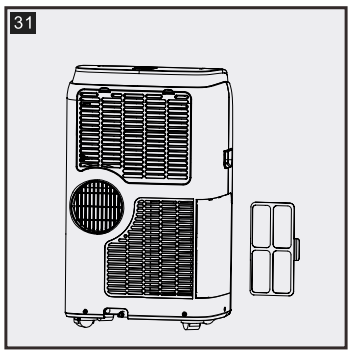
The evaporator filter can take out like fig. 28.

The condenser filters are two pieces.
Step1: Take out one filter like fig. 29.
Step2: Take out other filter like fig.30-31.







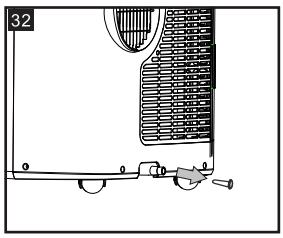


Use a vacuum cleaner to remove dust accumulations from the filter. If it is very dirty, immerse in warm water and rinse a number of times. The water should never be hotter than 40°C. After washing, leave the filter to dry then attach the intake grille to the appliance.

START - END OF SEASON OPERATIONS

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 (fig. 32).

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.

TECHNICAL SPECIFICATIONS

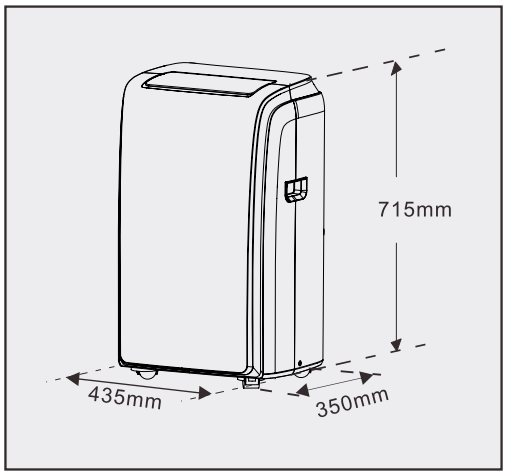
Mains voltage	see rating label
Maximum absorbed power in air conditioning	. .
Refrigerant	. .
Cooling capacity	. .

LIMIT CONDITIONS

Temperature of room in air conditioning	18°C-35°C (64°F-95°F) (Cooling)
	10°C-25°C (50°F-77°F) (Heating)

SIZE OF APPLIANCE

Width 435 mm
Height 715 mm
Depth 350 mm



TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
The air conditioner does not come on	• there is no current • it is not plugged into the mains • the internal safety device has tripped	• wait • plug into the mains • wait 30 minutes, if the problem persists, contact your service center.
The air conditioner works for a short time only	• here are bends in the air exhaust hose	• position the air exhaust hose correctly, keeping it as short and free of curves as possible to avoid bottlenecks
	• something is preventing the air from being discharged	• check and remove any obstacles obstructing air discharge
The air conditioner works, but does not cool the room	• windows, doors and/or curtains open	• close doors, windows and curtains, bearing in mind the "tips for correct use" given above
	• there are heat sources in the room (oven, hairdryer, etc)	• eliminate the heat sources
	• the air exhaust hose is detached from the appliance	• fit the air exhaust hose in the housing at the back of the appliance (fig. 1).
	• the technical specification of the appliance is not adequate for the room in which it is located.	
During operation, there is an unpleasant smell in the room	• airfilter clogged	• Clean the filter as discribed Above.
The air conditioner does not operate for about three minutes after restarting it	• the internal compressor safety device prevents the appliance from being restarted until three minutes have elapsed since it was last turned off.	• wait. This delay is part of normal operation.
The following message appears on the display: LE / PF / FE	• the appliance has a self dia gnosis system to identify a number of malfunctions.	• See the SELF–DIAGNOSIS Chapter

