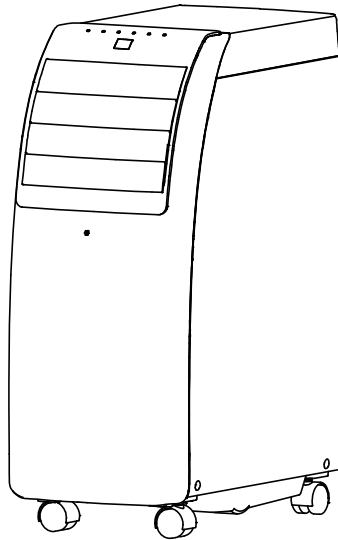


# **ACONATIC**

## **PORTABLE AIR CONDITIONER**

### **USER MANUAL**



**MODEL:AN-PAC09A1**

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

## IMPORTANT SAFEGUARDS

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- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
  - Children shall not play with the appliance.
  - Cleaning and user maintenance shall not be made by children without supervision.
  - If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or a similarly qualified person in order to avoid a hazard.
- 
- 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.
  - If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- 
- Disconnect the appliance from its power source during service and when replacing parts and cleaning.
  - The appliance shall be installed in accordance with national wiring regulations.
  - The appliance shall not be installed in the laundry.
  - Please note: Check the rating label for the type of refrigerant gas used in your appliance.
  - Specific information regarding appliances with refrigerant gas.  
R410A, R134a, R290 is a refrigerant that complies with European ecological standards; nevertheless, it is recommended not to pierce the cooling circuit of the machine. At the end of its useful life, deliver the appliance to a special waste collection centre for disposal.
  - This hermetically sealed system contains fluorinated greenhouse gases.
  - ENVIRONMENTAL INFORMATION: This unit contains fluorinated greenhouse gases covered by the Kyoto Protocol.
  - The maintenance and disposal operations must be carried out by qualified personnel only. (For more details on the refrigerant, see back cover).  
GWP(Global Warming Potential): R410A: 2088, R134a: 1430, R290: 3.
  - Do not use this unit for functions other than those described in this instruction manual.
  - If the power cord becomes worn or damaged, the cord should only be replaced by a qualified service technician using genuine replacement parts.
  - Make sure the plug is plugged firmly and completely into the outlet or it can result in the risk of electric shock or fire.
  - Do not plug other appliances into the same outlet, it can result in the risk of electric overload.
  - Do not disassemble or modify the appliance or the power cord, it can result in the risk of electric shock or fire. All other services should be referred to the authorised service agent.
  - Do not place the power cord or appliance near a heater, radiator, or other heat source. It can result in the risk of electric shock or fire.

## IMPORTANT SAFEGUARDS

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- This unit is equipped with a cord that has a earthed wire connected to an earthed pin or grounding tab. The plug must be plugged into a socket that is properly installed and earthed. Do not under any circumstances cut or remove the earthed pin or grounding tab from this plug.
- The unit should be used or store in such a way that it is protected from moisture e.g. condensation, splashed water, etc. Unplug unit immediately if this occurs.
- Always transport your appliance in a vertical position and place on a stable, level surface during use. If the unit is transported laying on its side it should be stood up and left unplugged for 6 hours.
- Always use the switch on the control panel or remote control to turn the unit off, and do not start or stop operation by plugging in or unplugging the power cord. It can result in the risk of electric shock.
- Do not touch the buttons on the control panel with your wet and damp fingers.
- Do not use hazardous chemicals to clean or come into contact with the unit. To prevent damage to the surface finish, use only a soft cloth to clean the appliance. Do not use wax, thinner, or a strong detergent. Do not use the unit in the presence of inflammable substance or vapour such as alcohol, insecticides, gasoline, etc.
- If the appliance is making unusual sounds or is emitting smoke or an unusual odor, unplug it immediately.
- Do not clean the unit with water. Water can enter the unit and damage the insulation, creating a shock hazard. If water enters the unit, unplug it immediately and contact Customer Service.
- Utilize two or more people to lift and install the unit.
- Always grasp the plug when plugging in or unplugging the appliance. Never unplug by pulling on the cord. It can result in the risk of electrical shock and damage.
- Install the appliance on a sturdy, level floor capable of supporting up to 110lbs(50kg). Installation on a weak or unlevel floor can result in the risk of property damage and personal injury.

## IMPORTANT - GROUNDING METHOD

This product is factory equipped with a power supply cord that has a three-pronged grounded plug. It must be plugged into a mating grounding type receptacle in accordance with the National Electrical Code and applicable local codes and regulations. If the circuit does not have a grounding type receptacle, it is the responsibility and obligation of the customer to exchange the existing receptacle in accordance with the National Electrical Code and applicable local codes and regulations. The third ground prong should not, under any circumstances, be cut or removed. Never use the cord, the plug or the appliance when they show any sign of damage. Do not use your appliance with an extension cord unless it has been checked and tested by a qualified electrical supplier. Improper connection of the grounding plug can result in risk of fire, electric shock and/or injury to persons associated with the appliance. Check with a qualified service representative if in doubt that the appliance is properly grounded.

## ELECTRICAL CONNECTIONS

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

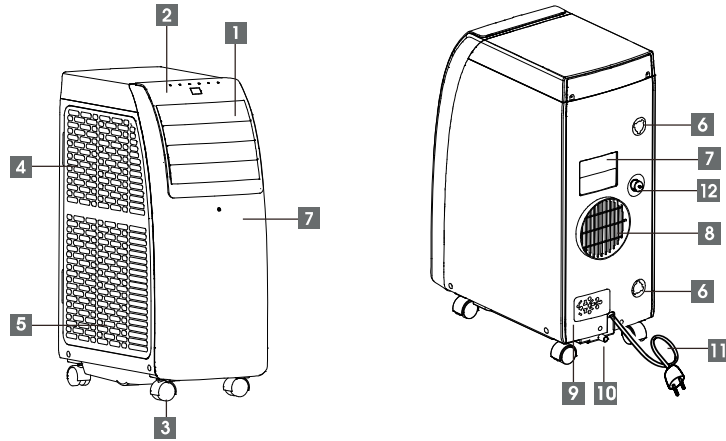
- The mains power supply corresponds to the value indicated on the rating label on the back of the appliance.
- The power socket and electrical circuit are adequate for the appliance.
- The mains socket matches the plug. If this is not the case, have the plug replaced.
- The mains socket is adequately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

Important information for correct disposal of the product in accordance with EC Directive 2012/19/EU.






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 recovered 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.

## DESCRIPTION



- |                      |                      |                     |
|----------------------|----------------------|---------------------|
| 1. Air outlet grille | 5. Intake grille     | 9. Plug fixer       |
| 2. Control panel     | 6. Holes of hook     | 10. Condenser drain |
| 3. Castors           | 7. Handle            | 11. Power cable     |
| 4. Intake grille     | 8. Air outlet grille | 12. Middle drainage |

## ACCESSORIES

PARTS	PARTS NAME	QUANTITY
	Exhaust hose Hose inlet Hose outlet	1 set
	Window slider kit	1 set
	Remote Control Battery	1 set

Note: All the illustrations in this manual are for explanatory purposes only.  
Your appliance may be slightly different.  
Be sure all accessories are removed from the packing before use.

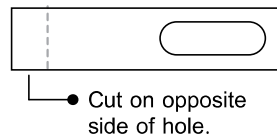
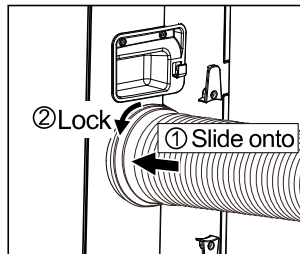
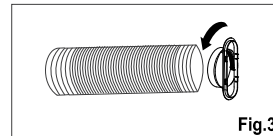
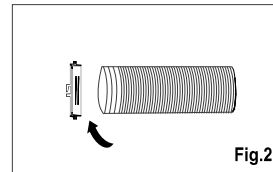
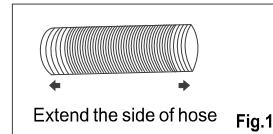
## INSTALLATION INSTRUCTIONS

### EXHAUSTING HOT AIR

In the Cool Mode the appliance must be placed close to a window or opening so that the warm exhaust air can be ducted outside.

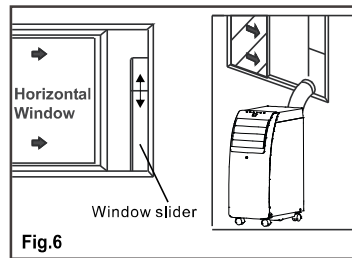
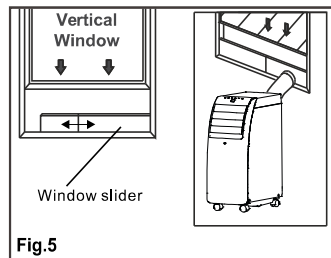
First position unit on a flat floor and make sure there's a minimum of 12" (30cm) clearance around the unit, and is within the vicinity of a single circuit outlet power source.

1. Extend either side of the hose (Fig.1) and screw the hose inlet (Fig.2).
2. Extend the other side of the hose and screw it to the hose outlet (Fig.3).
3. Install the hose inlet into the unit (Fig.4).
4. Affix the hose outlet into the window slider kit and seal. (Fig.5 &6).



Your window slider kit has been designed to fit most standard vertical and horizontal window applications, however, it may be necessary for you to modify some aspects of the installation procedures for certain types of windows. The window slider kit can be fastened with screws.

**NOTE:** If the window opening is less than the minimum length of the window slider kit, cut the end without the hold in it short enough to fit in the window opening. Never cut out the hole in window slider kit.



## WINDOW SLIDER KIT INSTALLATION

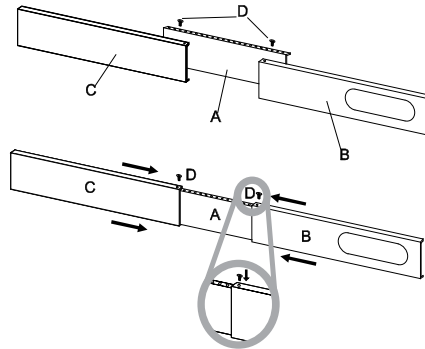
### 1:Parts:

- A) Panel
- B) Panel with one hole
- C) Panel without hole (maybe not supplied)
- D) Screw to lock window kit in place

### 2: Assembly:

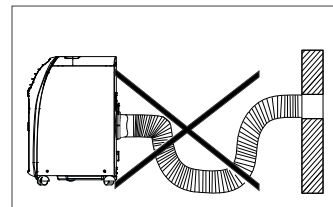
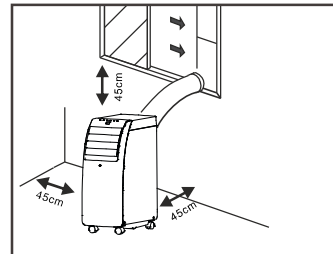
Slide Panel B and C into Panel A and size to window width. Windows sizes vary. When sizing the window width, be sure that the window kit assembly is free from gaps from gaps and/or air pockets when taking measurements.

3: Lock the screw into the holes that correspond. With the width that your window requires to ensure that there are no gaps or air pockets in the window kit assembly after installation.



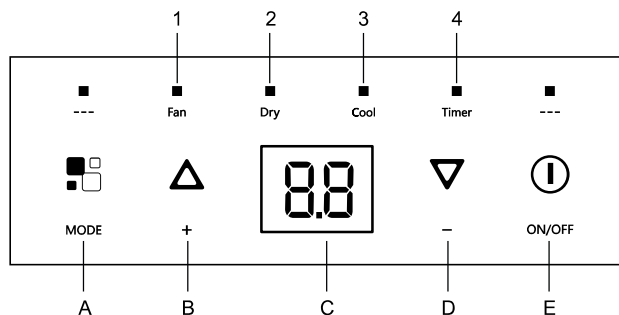
### LOCATION

- The unit should be placed on a firm foundation to minimize noise and vibration. For safe and secure positioning, place the unit on a smooth, level floor strong enough to support the unit.
- The unit has casters to aid placement, but it should only be rolled on smooth, flat surfaces. Use caution when rolling on carpeted surfaces. Use caution and Protect floors when rolling over wood floors. Do not attempt to roll the unit over objects.
- The unit must be placed within reach of a properly rated grounded socket.
- Never place any obstacles around the air inlet or outlet of the unit.
- Allow at least 45cm of space away from the wall for efficient air conditioning.
- The hose can be extended, but it is the best to keep the length to minimum required. Also make sure that the hose does not have any sharp bends or sags.



## DESCRIPTION OF THE DISPLAY SCREEN

### CONTROL PANEL



- |                    |              |                |
|--------------------|--------------|----------------|
| A: MODE button     | 1 FAN symbol | 3 COOL symbol  |
| B: Increase button | 2 DRY symbol | 4 TIMER symbol |
| C: Display screen  |              |                |
| D: Decrease button |              |                |
| E: ON/OFF button   |              |                |

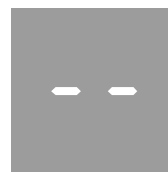
On the control panel "---" indicates no any function

### 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 for full range control, you must use the remote controller.

### 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 appliance 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.




## DESCRIPTION OF THE DISPLAY SCREEN

### COOL mode

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

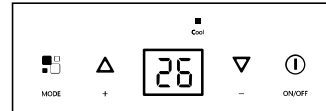
To set this mode correctly:

- Press the  button a number of times until the “Cool” symbol appears.
- Select the target temperature 18°C-32°C (64°F-90°F) by pressing the  $\Delta$  or  $\nabla$  button until the corresponding value is displayed.
- Select the required fan speed by remote controller.

Four speeds are available:


<b>F3</b>	<b>Low speed:</b> for silent operation
<b>F2</b>	<b>Med speed:</b> reduces noise levels but still maintains a good level of comfort
<b>F1</b>	<b>High speed:</b> for maximum fan power
<b>F0</b>	<b>Auto speed:</b> the appliance automatically selects the most suitable fan speed in relation to the temperature set on the screen display.

The most suitable temperature for the room during the summer varies from 24°C to 27°C (75°F to 81°F). You are recommended, however, not to set a temperature much below the outdoor temperature. The fan speed difference is more noticeable when the appliance is under FAN mode but may not be noticeable under COOL mode.

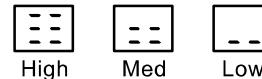
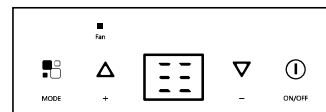


### FAN mode

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

- Press the  button a number of times until the “Fan” symbol appears.
- Select the required fan speed by remote controller.

Three speeds are available: High / Med / Low.




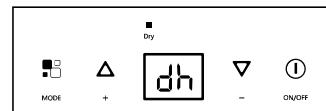
### DRY mode

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  button a number of times until the “Dry” symbol appears. The screen display show the “dh”.
- In this mode, fan speed is selected automatically by the appliance and can not be set manually.



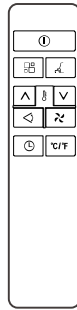
## **SELF-DIAGNOSIS**

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

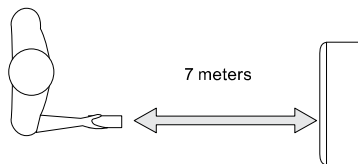
IF IS DISPLAYED	WHAT SHOULD I DO?
 LOW TEMPERATURE (frost prevention)	The appliance is fitted with a frost protection device to avoid excessive formation of ice. The appliance starts up again automatically when the defrosting process is completed.
 PROBE FAILURE (sensor damaged)	If this is displayed,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

## MANUAL OF REMOTE CONTROL



⏻	On/Off button	🌀	Fan speed button
⬆	Increase button	📺	Mode button
⬇	Decrease button	🔄	Swing button
🕒	Timer button	🛌	Sleep button
°C/°F	Unit Switch button		

- ✓ Point the remote control at the sensor on the appliance.
- ✓ The remote control must be no more than 7 meters 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 does not work, check the batteries and replace with new batteries. Do not mix new and old batteries.



## MANUAL OF REMOTE CONTROL

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### INSERTING OR REPLACING THE BATTERIES

- Remove the cover on the rear of the remote control
- Insert two "AAA" 1.5V batteries in the correct position (see instructions inside the battery compartment)







### NOTE:

- √ 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.
- √ Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries.
- √ Batteries may explode or leak if exposed to open flames. Dispose of batteries accordingly.
- √ If the remote control is not being used for extended periods of time (winter storage), remove the batteries and store in a cool, dry location.

### COOL mode

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



To set this mode correctly:

- Press the  button a number of times until the "✖" symbol appears.
  - Select the target temperature 64°F-90°F (18°C-32°C) by pressing the  or  button until the corresponding value is displayed.
  - Select the required fan speed by pressing the  button.
- Four speed settings are available: High/Med/Low/Auto.

The most suitable temperature for the room during the summer varies from 70°F to 76°F (21°C to 24°C). The fan speed difference is more noticeable when the appliance is under FAN mode but may not be noticeable under COOL mode.

### FAN mode

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

- Press the  button until the "≡" symbol appears on the unit panel.
  - Select the required fan speed by pressing the  button.
- Three speed settings are available: High/Med/Low.



## MANUAL OF REMOTE CONTROL

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### DRY mode


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


To set this mode correctly:

- Press the  button a number of times until the “  ” symbol appears on the unit panel.
- In this mode, fan speed is selected automatically by the appliance and can not be set manually.

### AUTO mode

The appliance will chooses automatically whether to operate in cool or fan mode.

- Press the  button a number of times until the screen of the unit display below:  
It is AUTO mode when the display will be running circulating.

- Select the required fan speed by pressing the  button.


Four speed settings are available: High / Medium / Low / Auto.

If the appliance is a cooling-only model, the unit operates in Fan mode when the room temperature is below 73°F (23°C) and in Cool mode when the room temperatures is above 73°F(23°C).

### 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) as described above.
- Press the  button and the deflector will stop at different positions or it will swing continuously.


## MANUAL OF REMOTE CONTROL

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### SLEEP function

This function is useful at night as it gradually reduces operation of the appliance.

To set this function correctly:

- Select the cool mode as described above.
- Press the  button.

When you choose the sleep function, the screen's brightness will be reduced and the fan speed will run on low.

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 Low, while room temperature and humidity vary gradually to ensure the room remains comfortable.

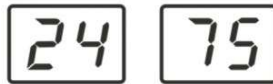
When in COOL mode, the selected temperature will increase by 1°F(1°C) per hour in a 2 hour period. This new temperature will be maintained for the next 6 hours. Then the appliance will turn off.

The SLEEP function can be canceled at any time during operation by pressing the "Sleep", "Mode" or "Fan speed" button.

In FAN or DRY mode, the SLEEP function cannot be set.

### Switch from Celsius to Fahrenheit

When the appliance is in standby, press the °C/°F button and you can change the unit of temperature. For example: Before changing, in Cool mode, the screen will display like the figure on the left. After changing, in Cool mode, the screen will display like the figure on the right.



## MANUAL OF REMOTE CONTROL

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### SETTING THE TIMER

-This timer can be used to delay the appliance startup or shutdown. This avoids wasting electricity by optimizing operating periods.

#### Programming start up

- Turn on the appliance and choose the mode you want. For example: Cool; 75°F; High fan speed. Turn off the appliance.
- Press the ⏸ button and the screen will display 1-24 hours.
- Press ⏸ several times until the desired time is displayed. After about 5 seconds, the timer will be active and the “Timer” symbol will be displayed on the screen.
- Press the ⏸ button again or the ⏹ button, and the timer will be canceled.

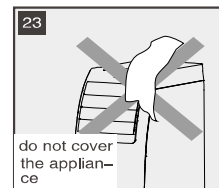
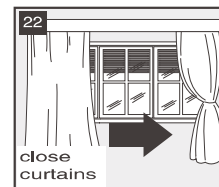
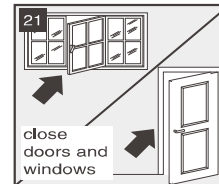
#### Programming shut down

- When the appliance is running, press the ⏸ button, the screen will display hours.
- Press ⏸ several times until desired time is displayed. After about 5 seconds, the timer will be active and the “Timer” symbol will be displayed on the screen.
- Press the ⏸ button again or the ⏹ button, and the timer will be canceled.

## TIPS FOR CORRECT USE

To get the best from your appliance, follow these recommendations:

- Close the windows and doors in the room to be air conditioned (fig. 21). When installing the appliance semi-permanently, 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 appliance;
- 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 appliance is standing on a level surface. if necessary, place the castor locks under the front wheels.



## WATER DRAINAGE METHOD

When there is excess water condensation inside the unit, the appliance stops running and shows “**F t**” (FULL TANK as mentioned in SELF-DIAGNOSIE). This indicates that the water condensation needs to be drained using the following procedures:

Manual Draining (fig.24)

Water may need to be drained in high humidity areas

1. Unplug the unit from power source.
2. Place a drain pan under the lower drain plug. See diagram.
3. Remove the lower drain plug.
4. Water will drain out and collect in the drain pan (maybe not supplied).
5. After the water is drained, replace the lower drain plug firmly.
6. Turn on the unit.

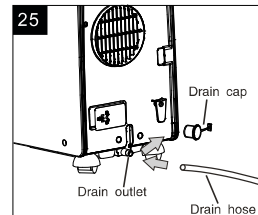
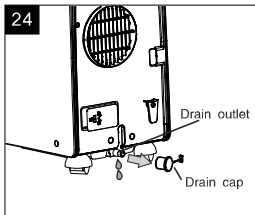


## TIPS FOR CORRECT USE

### Continuous Draining (fig.25)

While using the unit in dehumidifier mode, continuous drainage is recommended.

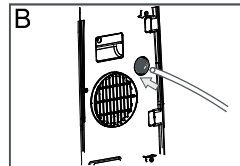
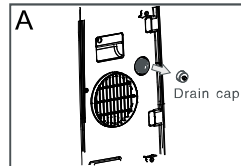
1. Unplug the unit from the power source.
2. Remove the drain plug. While doing this operation some residual water may spill so please have a pan to collect the water.
3. Connect the drain hose (1/2" or 12.7mm, not supplied). See diagram.
4. The water can be continuously drained through the hose into a floor drain or bucket.
5. Turn on the unit.



### Middle drainage

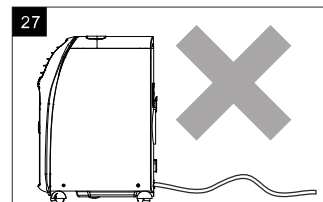
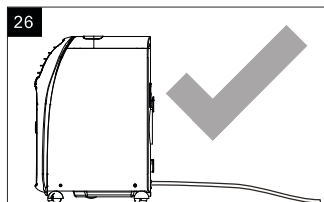
When unit running in Dry mode, you can choose the way below to drainage.

1. Unplug the unit from the power source.
2. Remove the drain plug (fig A). While doing this operation some residual water may spill so please have a pan to collect the water.
3. Connect the drain hose (1/2" or 12.7mm, not supplied). (fig B)
4. The water can be continuously drained through the hose into a floor drain or bucket.
5. Turn on the unit.




### 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. (fig.26 and fig.27)



## CLEANING

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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 UNIT

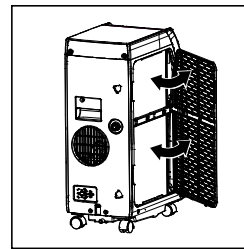
You should clean the appliance with a slightly damp cloth then dry with a dry cloth.

- Never wash the appliance 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 appliance working efficiently, you should clean the filter every week of operation.

The filter can take out like in the figure.



To avoid possible cuts, avoid contacting the metal parts of the appliance when removing or re-installing the filter. It can result in the risk of personal injury.

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 (104°F). After washing, leave the filter to dry then attach the intake grille to the appliance.

## START-END OF SEASON OPERATIONS

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### START OF SEASON CHECKS

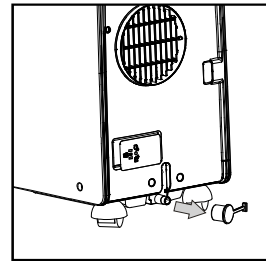
Make sure the power cable and plug are undamaged and the earth system is efficient. Follow the installation instructions precisely.

### END OF SEASON OPERATIONS

To empty the internal circuit completely of water, remove the cap.

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

Clean the filter and air dry thoroughly before putting back.



### LIMIT CONDITIONS

Temperature of room      18°C-35°C (64°F -95°F)(Cooling)

### Dimensions of appliance:

Width	492 mm
Height	714 mm
Depth	272 mm
Weight	

## TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
The appliance does not power on	<ul style="list-style-type: none"> <li>• There is no current</li> <li>• It is not plugged into the mains</li> <li>• The internal safety device has tripped</li> </ul>	<ul style="list-style-type: none"> <li>• Wait</li> <li>• Plug into the mains</li> <li>• Wait 30 minutes, if the problem persists, contact your service center</li> </ul>
The appliance works for a short time only	<ul style="list-style-type: none"> <li>• Here are bends in the air exhaust hose</li> <li>• Something is preventing the air from being discharged</li> </ul>	<ul style="list-style-type: none"> <li>• Position the air exhaust hose correctly, keeping it as short and free of curves as possible to avoid bottlenecks</li> <li>• Check and remove any obstacles obstructing air discharge</li> </ul>
The appliance works, but does not cool the room	<ul style="list-style-type: none"> <li>• Windows, doors and/or curtains open</li> </ul>	<ul style="list-style-type: none"> <li>• Close doors, windows and curtains, bearing in mind the "tips for correct use" given above</li> </ul>
	<ul style="list-style-type: none"> <li>• There are heat sources in the room (oven, hairdryer, etc)</li> </ul>	<ul style="list-style-type: none"> <li>• Eliminate the heat sources</li> </ul>
	<ul style="list-style-type: none"> <li>• The air exhaust hose is detached from the appliance</li> </ul>	<ul style="list-style-type: none"> <li>• Fit the air exhaust hose in the housing at the back of the appliance</li> </ul>
	<ul style="list-style-type: none"> <li>• The technical specification of the appliance is not adequate for the room in which it is located</li> </ul>	
During operation, there is an unpleasant smell in the room	<ul style="list-style-type: none"> <li>• Air filter clogged</li> </ul>	<ul style="list-style-type: none"> <li>• Clean the filter as described above</li> </ul>
The appliance does not operate for about three minutes after restarting it	<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>
The following message appears on the display: LE / PF / FE	<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>