



Portable Air Conditioner & Heater

MODEL: SPPAC14H



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.
- Never allow the appliance to be used by people (including children) with psychological, physical or sensory impairments or with insufficient experience and knowledge, unless closely supervised and instructed by someone responsible for their safety. Young children should be supervised to ensure that they do not play with the appliance.
- The appliance must be connected to an efficient earth system. Have your electrical circuit checked by a qualified electrician.
- Do not use extension cables.
Before cleaning or maintenance, 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.

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 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.

ELECTRICAL CONNECTIONS

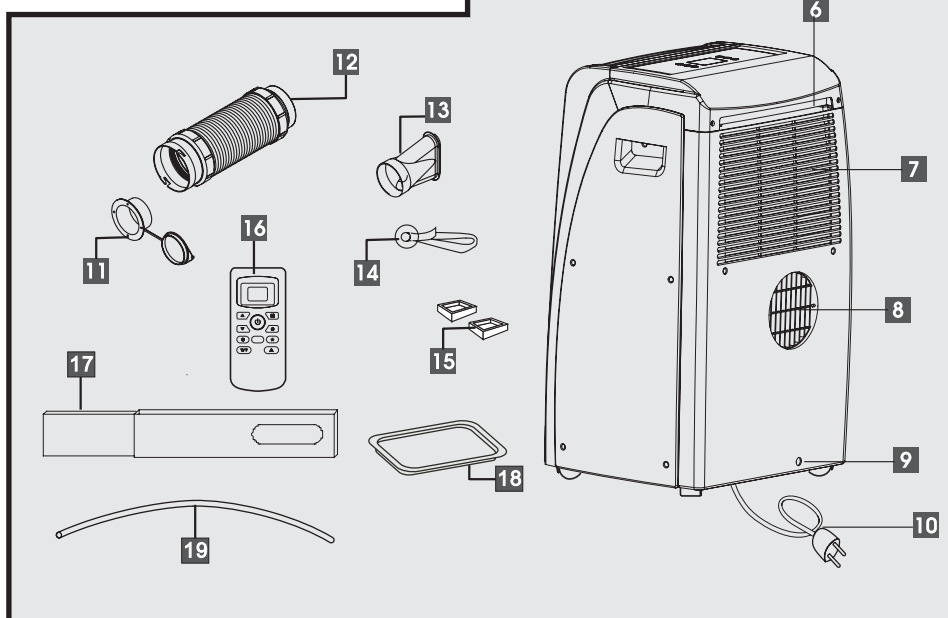
Before plugging the appliance into the mains socket, check that:

- 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 Air outlet grille
- 2 Control panel
- 3 Castors
- 4 Handles
- 5 Remote control receiver
- 6 Filter
- 7 Intake grille
- 8 Air exhaust hose housing
- 9 Condensate drain
- 10 Power cable
- 11 Flange Cap *
- 12 Air exhaust hose
- 13 Window outlet
- 14 Suckers *
- 16 Remote control
- 15 Castor locks *
- 17 Window bracket
- 18 Drain pan *
- 19 Drain hose*

“*” means the accessory is optional.



PREPARING FOR USE

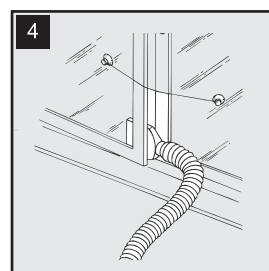
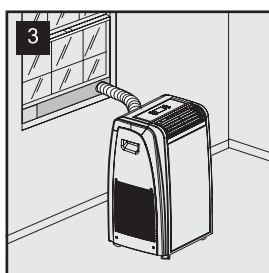
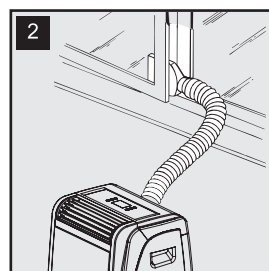
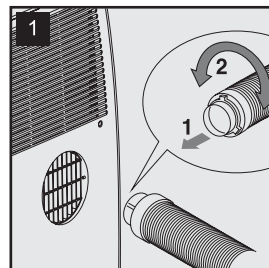
The instructions below will enable you to prepare your air conditioner for operation as efficiently as possible. Before use, make sure the air intake and outlet grilles are unobstructed.

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.

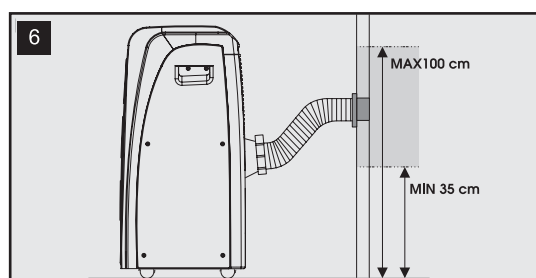


AIR-CONDITIONING WITH INSTALLATION

If required, your appliance can also be installed semi-permanently (Fig. 5).

Proceed as follows:

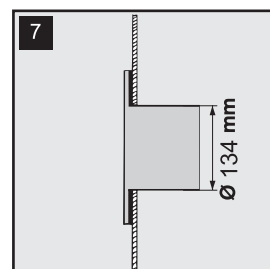
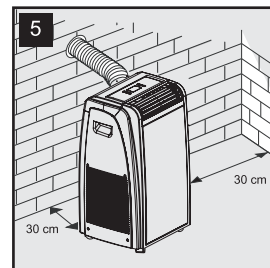
Drill in an outside wall or in the window pane a 134 mm dia. hole respecting the heights shown in fig.6.



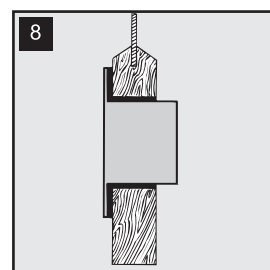
- Fit the flange accessory provided in the hole **following the indications in figs. 7, 8 and 9.**
- Fit the hose in the housing at the back of the appliance (fig. 1).
- Fit the end of the hose to the flange as shown in fig. 6. When the hose is not fitted, the hole can be closed with the flange cap.

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

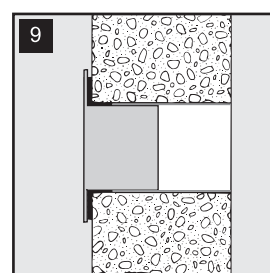
- ✓ When installing the air conditioner semi-permanently, you should leave a door slightly open (as little as 1 cm) to guarantee correct ventilation.



in the window pane

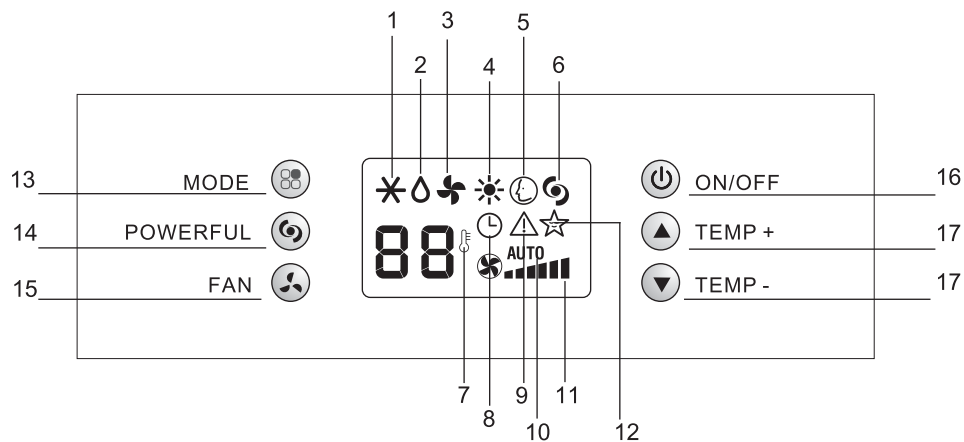


in the wooden kickboard of a French window



in the wall: you are recommended to insulate the section of wall using suitable insulation.

DESCRIPTION OF THE CONTROL PANEL




- | | |
|-------------------------|---|
| 1 Cool symbol | 10 AUTO FAN indicator |
| 2 Dry symbol | 11 FAN Speed indicator |
| 3 Fan symbol | 12 Sleep symbol |
| 4 HEAT symbol * | 13 MODE button (selects the modes) |
| 5 SMART symbol | 14 POWERFUL button |
| 6 POWERFUL symbol | 15 FAN button |
| 7 Temperature indicator | 16 ON/OFF button |
| 8 Timer symbol | 17 Increase (▲) and decrease (▼) temperature button |
| 9 Alarm symbol | |

“*” means only the heat pump model have this function.


OPERATING FROM THE CONTROL PANEL

The control panel enables you to manage all the main functions of the appliance, but to fully exploit its potential, you must use the remote control unit.

TURNING THE APPLIANCE ON

- Plug into the mains socket.
Two lines appear on the display indicating that the appliance is in standby.
- Press the  button until the appliance comes 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 air conditioning and dehumidify the room.

To set this mode correctly:

- Press the **MODE** button a number of times until the COOL symbol appears.
- Select the target temperature by pressing the ▲ or ▼ button until the corresponding value is displayed.
- Select the required fan speed by pressing the **FAN** button. Four 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

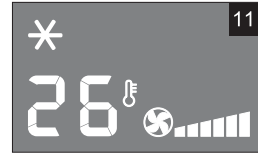


Low speed: for silent operation



AUTO FAN: 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°C to 27°C. You are recommended, however, not to set a temperature much below the outdoor temperature.



DRY MODE

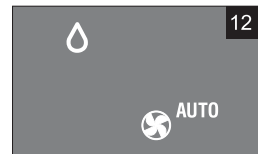
Ideal to reduce room humidity (spring and autumn, damp rooms, rainy periods, etc).

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 **MODE** button a number of times until the DRY symbol appears.

In this mode, fan speed is selected automatically by the appliance and can not be set manually.

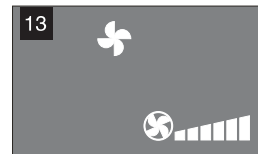


FAN MODE

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

To set this mode correctly:

- Press the **MODE** button a number of times until the FAN symbol appears. Select the required fan speed by pressing the **FAN** 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

In this mode, AUTO speed cannot be selected.



HEAT MODE *

- Press the **MODE** button a number of times until the **heating** Symbol appears.
- Select the target temperature(13-27°C) by pressing the ▲ or ▼ button until the corresponding value is displayed.
- In heating mode, the fan speed is selected automatically by the appliance.
- Water is removed from the air and collected in the tank .
- When the tank is full, the appliance shuts down and " FŁ " (full tank) appears on the display. The tank cap must be extracted and emptied (fig.30). 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. " ŁŁ " 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.



SMART MODE

The appliance chooses automatically whether to operate in air conditioning, fan or heating (certain models only) mode.

To set this mode:

- Press the **MODE** button a number of times until the SMART symbol appears.



POWERFUL FUNCTION

Ideal for the summer to cool rooms rapidly.

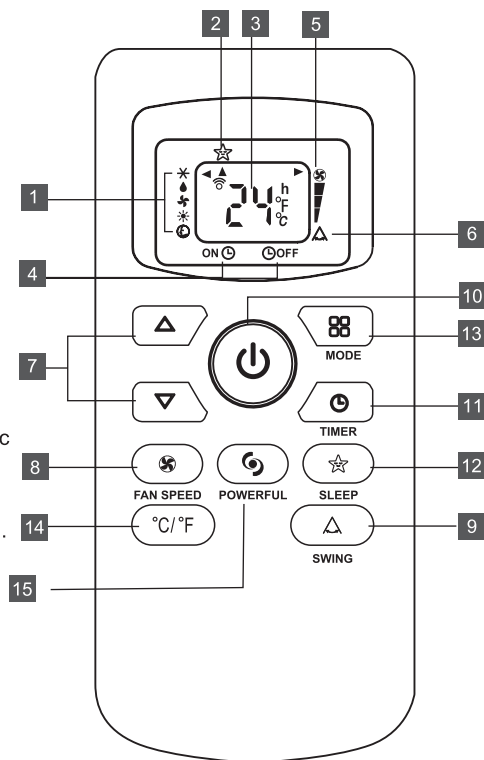
Activate by simply pressing the **POWERFUL** button.

The appliance operates in cool mode at maximum fan speed. While this function is selected, it is not possible to set the temperature or change fan speed.



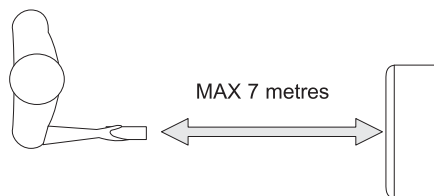
DESCRIPTION OF THE REMOTE CONTROL

1. Mode indicator
2. Sleep indicator
3. Selected temperature scale indicator
4. Timer selection
5. Fan speed indicat
6. Swing indiator
7. Increase(+) and decrease(-) button.
8. FAN button
-Press thsi button to select fan speed of HIGH/MED/LOW
9. SWING button
-Press this button to switch on/off the automatic swing function.
10. ON/OFF button
-Pess this button to switch on/off the appliance.
11. TIMER button
-Press this button to set automatic startup/shutdown.
12. SLEEP button
-Press this bottun to on/off sleep function.
13. MODE button
-Press this button to select the modes of COOL\DRY\FAN\HEAT.
14. MODE button
-Press this button to select the "°C" or "°F".
15. POWERFUL button



CORRECT USE

- ✓ 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.



INSERTING OR REPLACING THE BATTERIES

- Remove the cover on the rear of the remote control;
- Insert two R03 "AAA" 1.5V 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.



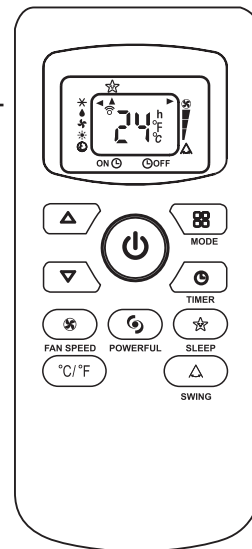
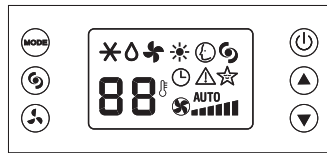
To cancel the settings programmed on the remote control and restore the original settings, press the **RESET** button lightly with the point of a pencil or pen.

USING THE REMOTE CONTROL UNIT

The first part of the controls on the remote control are the same as those on the control panel of the appliance.

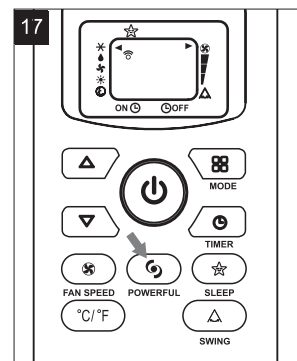
You should therefore refer to the instructions in the chapter **Operating from the control panel** to turn the appliance on and select the operating mode (**COOL, DRY, FAN HEAT or SMART**) and the fan speed.

The following section describes the additional functions corresponding to the controls on the bottom part of the remote control.



POWERFUL FUNCTION

Ideal for the summer to cool rooms rapidly.
Activate by simply pressing the **POWERFUL** button.
The appliance operates in air conditioning mode at maximum fan speed. While this function is active, you needn't to set the Temperature and fan speed manually.





SLEEP FUNCTION

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

To set this function correctly:

- Select the operating mode (cool, dry or smart) as described above.
- Press the **SLEEP** button. The appliance operates in the previously selected mode.

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 conditions.

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



SWING FUNCTION

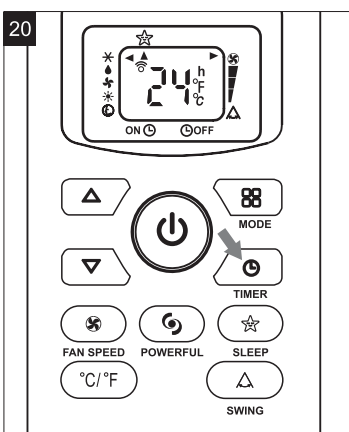
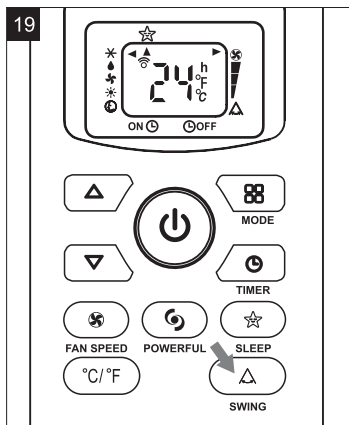
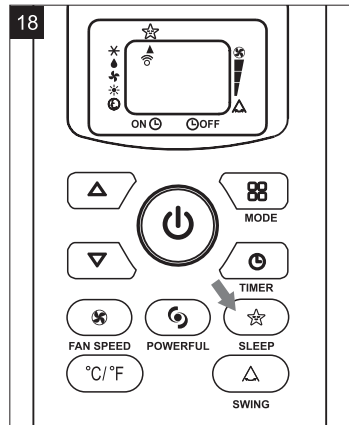
This function is useful for select the left/right swing of air delivery.

To set this function correctly:

- Select the operating mode (cool, dry, fan or smart) as described above.

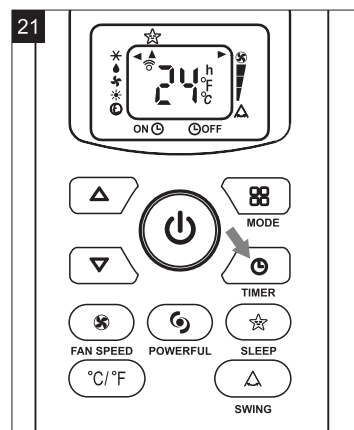
Programming start up

- Press the **TIMER** button once.
The message "ON" flash on the remote control display.
- Press the **MODE** button to set the working mode you need. for example cool mode, 25°C, fan speed High.
- At the end of the set time the appliance switches on automatically and operates in the working mode just Set in this timer setting, for example Cooling mode, 25°C, Fan speed High.
- To cancel the timer setting, press the **TIMER** button again whenever during the set time.






Programming shutdown

- Press the **TIMER** button. The shutdown time and message "▼" flash on the remote control display .
- Press the ▲ or ▼ buttons to set the time you want the appliance to shut down (from 1hour to 24 hours).
- To cancel the timer setting, press the **TIMER** button again whenever during the set time.



SELF-DIAGNOSIS

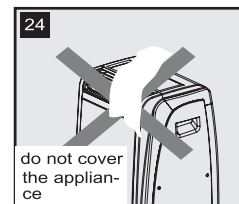
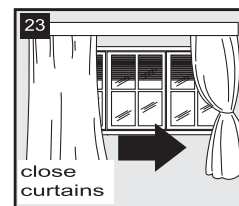
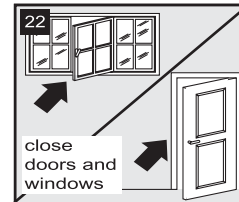
The appliance has a self diagnosis system to identify a number of malfunctions. Error messages are displayed on the appliance display.

IF IS DISPLAYED,	WHAT SHOULD I DO?
 <p>LOW TEMPERATURE (frost prevention)</p>	<p>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.</p>
 <p>PROBE FAILURE (sensor damaged)</p>	<p>If this is displayed, contact your local authorised service centre.</p>
 <p>FULL TANK (safety tank full)</p>	<p>Empty the internal safety tank, following the instructions in the "End of season operations" paragraph.</p>

TIPS FOR CORRECT USE

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

- Close the windows and doors in the room to be air conditioned (fig. 22). When installing the air conditioner 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. 23);
- Never rest objects of any kind on the air conditioner;
- Do not obstruct the air intake and outlet (fig. 24). 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

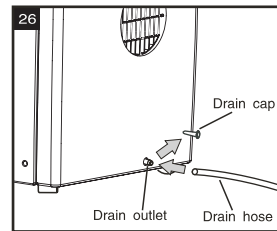
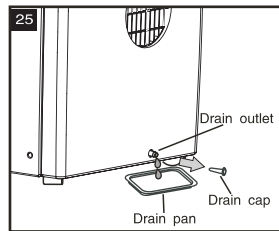
This air conditioner is equipped with the very last MIST technology which means the water tank nearly never fills, hence, water drainage will generally only be required at the end of the season (see START-END OF SEASON OPERATIONS in page 15). However, the MIST technology does not operate when the unit 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 “ F_L ” (FULL TANK as mentioned in SELF-DIAGNOSIE in page 12), the compressor and fan will not restart until the tank has been drained.

INTERMITTENT DRAINAGE(fig.25 and fig.26)

- 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.27 and fig.28)

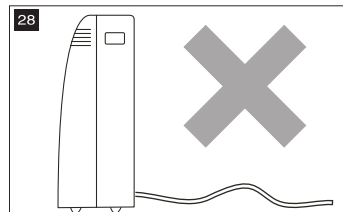
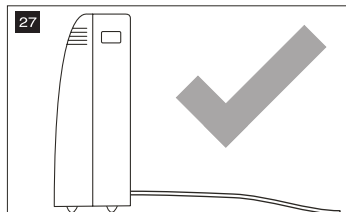
When operating in HEAT mode, continuous drain method can also be used to avoid the trouble of manual drainage.

- 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 ON/OFF button on 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.

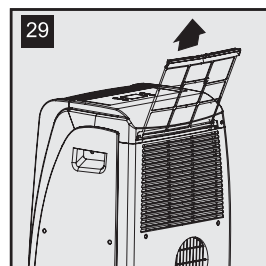
CLEANING THE AIR FILTERS

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

The filters are housed in the intake grille (fig. 29).

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.

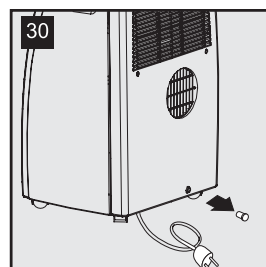
Follow the installation instructions precisely.

END OF SEASON OPERATIONS

To empty the internal circuit completely of water, remove the cap (fig. 30).

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.



TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
The air conditioner does not come on	<ul style="list-style-type: none"> there is no current it is not plugged into the mains the internal safety device has tripped 	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> here are bends in the air exhaust hose something is preventing the air from being discharged 	<ul style="list-style-type: none"> position the air exhaust hose correctly, keeping it as short and free of curves as possible to avoid bottlenecks check and remove any obstacles obstructing air discharge
The air conditioner works, but does not cool the room	<ul style="list-style-type: none"> windows, doors and/or curtains open there are heat sources in the room (oven, hairdryer, etc) the air exhaust hose is detached from the appliance the technical specification of the appliance is not adequate for the room in which it is located. 	<ul style="list-style-type: none"> close doors, windows and curtains, bearing in mind the "tips for correct use" given above eliminate the heat sources fit the air exhaust hose in the housing at the back of the appliance (fig. 1).
During operation, there is an unpleasant smell in the room	<ul style="list-style-type: none"> airfilter clogged 	<ul style="list-style-type: none"> Clean the filter as discribed Above.
The air conditioner does not operate for about three minutes after restarting it	<ul style="list-style-type: none"> the internal compressor safety device prevents the appliance from being restarted until three minutes have elapsed since it was last turned off. 	<ul style="list-style-type: none"> wait. This delay is part of normal operation.
The following message appears on the display: LE / PF / FE	<ul style="list-style-type: none"> the appliance has a self diagnosis system to identify a number of malfunctions. 	<ul style="list-style-type: none"> See the SELF-DIAGNOSIS Chapter

TECHNICAL SPECIFICATIONS

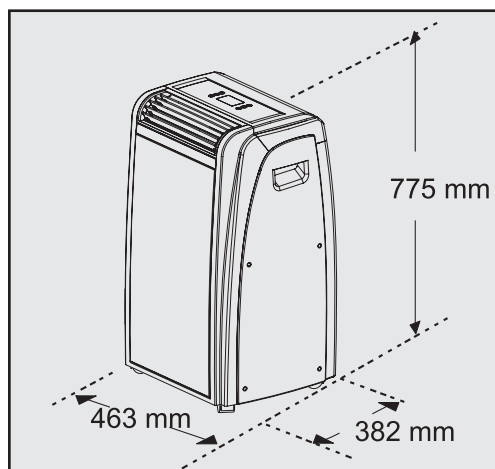
Mains voltage	see rating label
Maximum absorbed power in air conditioning	..
Refrigerant	..
Cooling capacity	..
Volume of water tank	3 L
Protection degree	IPX0

LIMIT CONDITIONS

Temperature of room in air conditioning	18°C-35°C (Cooling) 10°C-25°C (Heating)
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SIZE OF APPLIANCE

width 463 mm
height 775 mm
depth 382 mm



Smart+ Products - New Holland, PA 17557

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