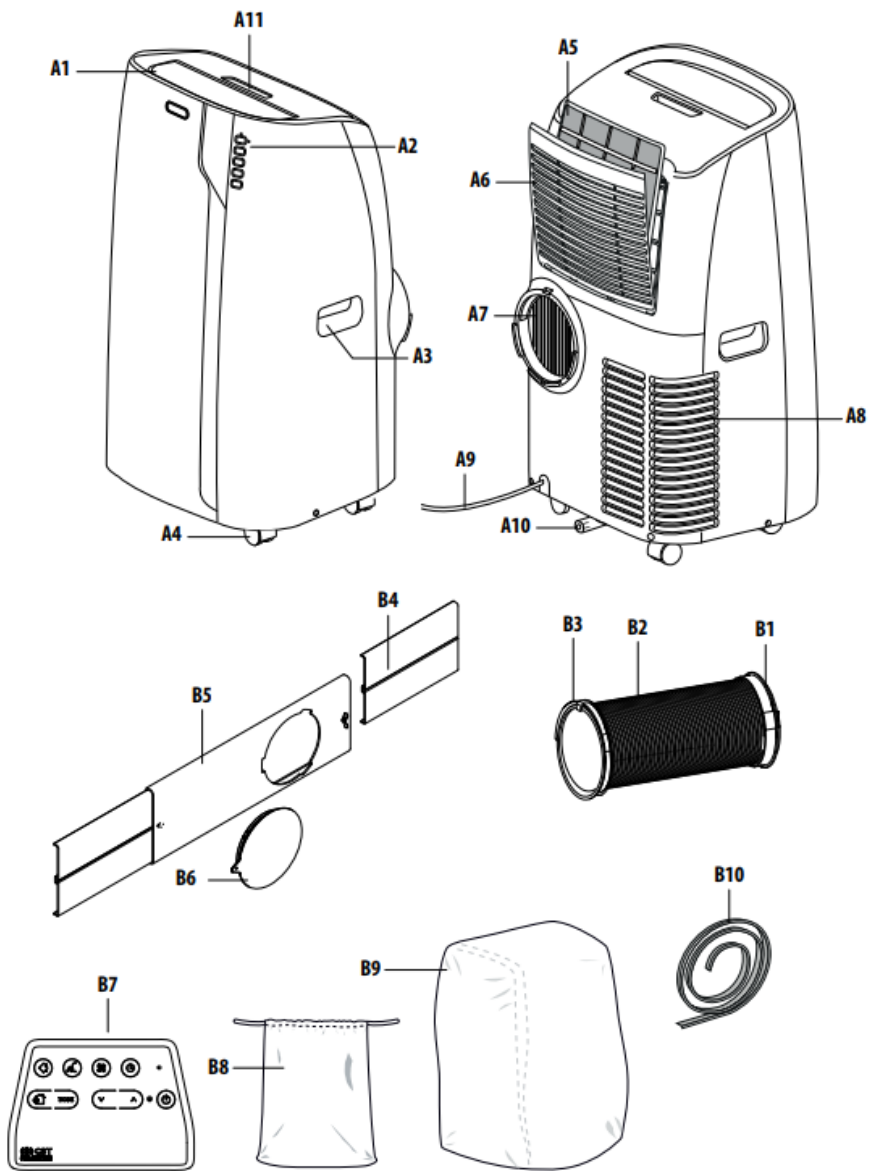


USER MANUAL PORTABLE AIR CONDITIONER



DESCRIPTION

Description of the appliance (see page 3 - A)

- A1 air outlet flap
- A2 control panel
- A3 handles
- A4 castors
- A5 BioSilver filter
- A6 air intake grille


- A7 air exhaust hose housing
- A8 air intake grille
- A9 power cable
- A10 drainage hose with cap
- A11 CST remote control compartment

Description of the accessories (see page 3 - B)

- B1 adapter for window bracket
- B2 air exhaust hose
- B3 hose adaptor
- B4 additional window bracket
- B5 window bracket with wing nut
- B6 window bracket cap
- B7 CST (Cool Surround Tecnology) remote control
- B8 end of season accessories bag (*not on all models)
- B9 end of season dust cover (*not on all models)
- B10 stripping foam

ELECTRICAL CONNECTION

Before plugging the appliance into the outlet, check that:

- The outlet's power supply corresponds to the value indicated on the rating label on the back of the appliance.
- The outlet and electrical circuit are adequate for the appliance
- The outlet is a 3-hole grounded outlet . If this is not the case, you must choose another outlet. Failure to follow these important safety instructions absolves the manufacturer of all liability

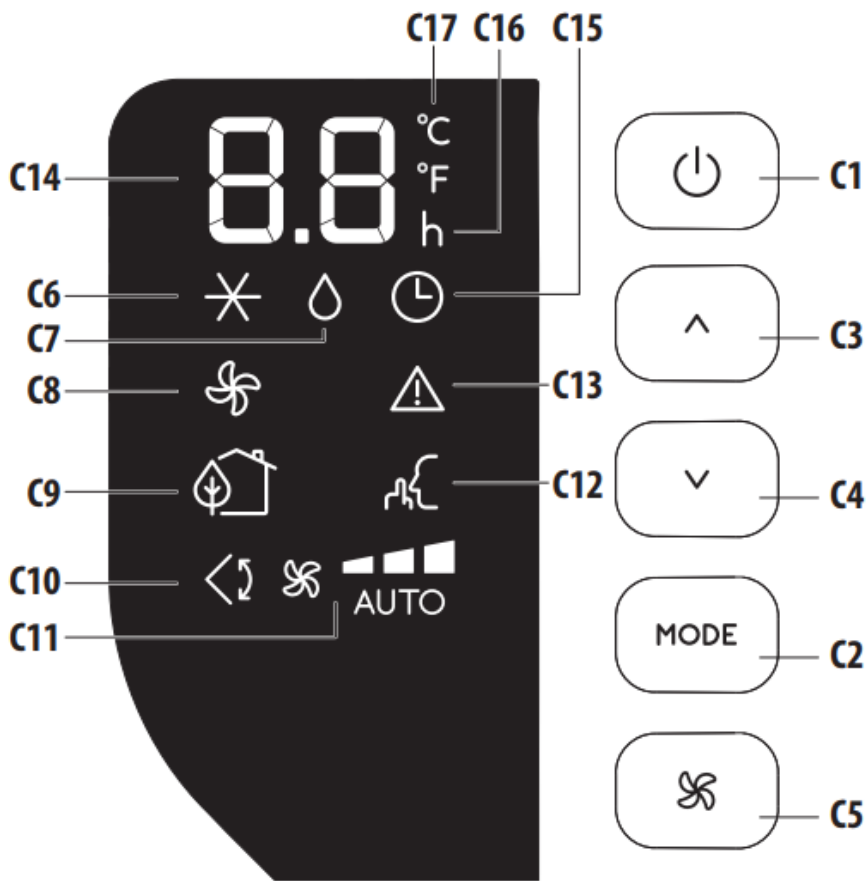
If it becomes necessary, the power cable must be replaced by a qualified professional only.

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 air outlet flap are unobstructed.

Please note: This appliance is provided with an auto-evaporation feature for condensate removal during cooling and dehumidifying modes.

OPERATING FROM THE CONTROL PANEL



DESCRIPTION OF THE CONTROL PANEL (C)

- C1. ON/STAND-BY (on/off) key
- C2. Function selection key MODE (air conditioning, dehumidifying, fan)
- C3. Increase key
- C4. Decrease key
- C5. Fan speed selection key (MIN/MED/MAX/AUTO)
- C6. Air conditioning symbol
- C7. Dehumidifying symbol
- C8. Fan symbol
- C9. ECO REAL FEEL symbol/status indicator
- C10. Swing symbol
- C11. Fan speed indicator
- C12. ARCTIC WHISPER symbol
- C13. Alarm symbol

C14. Set temperature values, programmed on/off time

C15. Timer symbol

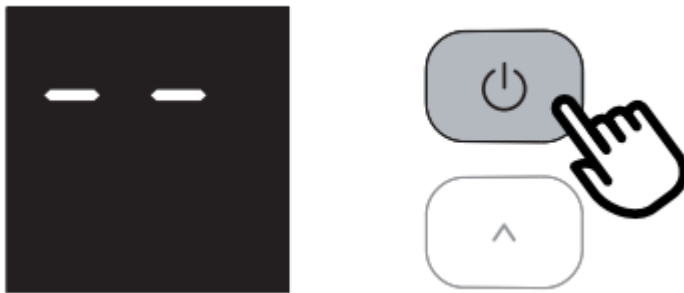
C16. Timer indicator


C17. Selected temperature scale indicator

CONTROL PANEL OPERATION

TURNING THE APPLIANCE ON AND OFF


Insert the plug in the socket. Two dashes appear on the display indicating that the appliance is in stand-by.




Touch the  (C1) key to turn on the appliance

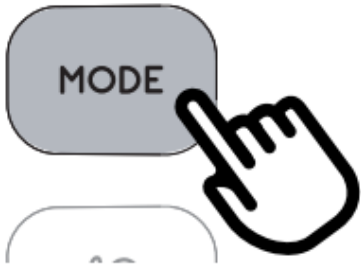
The flap A1 will open after few seconds. When the appliance comes on the last function set before it was shut off is activated.

Please note: If start-up is not continued, after a few minutes the display light dims in order to


reduce energy consumption. To turn the appliance off, touch the  key and then pull the plug.


Please note: Never turn off the air conditioner by simply pulling the plug. Touch the  key in order to put your air conditioner in stand-by and wait a few minutes before pulling the plug. In this manner, the appliance can perform the operating status checks.

MODES SELECTION

| | |
|---|---|
|  | <p>To select the desired operating mode, touch repeatedly the MODE key (C2) until the desired function is selected.</p> |
|---|---|

* AIR CONDITIONING MODE

| | |
|--|---|
|  | <p>This is ideal for hot and humid weather when the room needs to be cooled. This function also helps dehumidify the air.</p> <p>To correctly set this mode:</p> <ul style="list-style-type: none"> • Touch repeatedly the MODE key (C2) until the air conditioning * symbol appears. The display will show the desired temperature. • To change the temperature to be reached, touch the ^ (C3) or v (C4) key. |
|--|---|

- Select the desired fan speed by touching the  (C5) key.

The speeds available are:

| | |
|--|--|
| | Minimum speed: when maximum silent operation is desired. |
| | Medium speed: when the noise level needs to be low but with a good comfort level. |
| | Maximum speed: to reach the desired temperature as soon as possible. |
| | Auto: the appliance automatically chooses the best fan speed based on the temperature selected and the environmental conditions. |

DEHUMIDIFYING MODE

| | |
|--|---|
| | <p>This is ideal for reducing humidity in the room (spring and autumn, damp rooms, rainy periods, etc). For this type of use, the appliance must be set up as for air conditioning mode. That is, the air exhaust hose (B2) must be fitted to the appliance to allow the humidity to be discharged outside.</p> |
|--|---|

To correctly set this mode:

- Touch repeatedly the MODE key (C2) until the dehumidifying symbol appears
- The appliance will automatically choose the best airflow.

FAN MODE

| | |
|--|--|
| | <p>When using this mode, the air exhaust hose (B2) does not need to be attached to the appliance.</p> <p>To correctly set this mode:</p> <ul style="list-style-type: none"> • Touch repeatedly the MODE (C2) key until the fan symbol appears |
|--|--|

- Select the desired air flow by pressing button (C5).

The air flows available are:

| | |
|--|--|
| | Minimum air flow: when most silent operation is desired. |
| | Medium air flow: when the noise level needs to be low but with a good comfort level. |
| | Maximum air flow: for maximum performance. |

SELECT THE TEMPERATURE SCALE

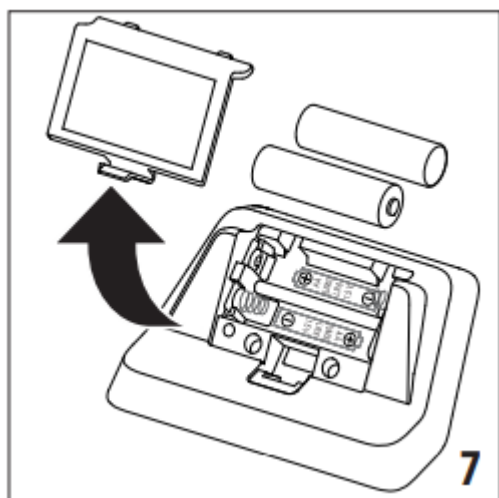
| | |
|--|---|
| | <p>The temperature can be displayed in °C or °F. To change the temperature unit of measure touch both the increase (C3) or decrease (C4) keys for about 10 sec.</p> |
|--|---|

OPERATING FROM THE CST (Cool Surround Tecnology) REMOTE CONTROL

The CST remote controller is based on Bluetooth® Low Energy communication with the Pinguino.

INSERTING OR REPLACING THE BATTERIES

- Remove the cover on the rear of the remote control.
- Insert or replace the batteries with two new LR6 “AA” 1.5V batteries, inserting them correctly (see the instructions inside the battery compartment) (fig. 7).
- Replace the cover.

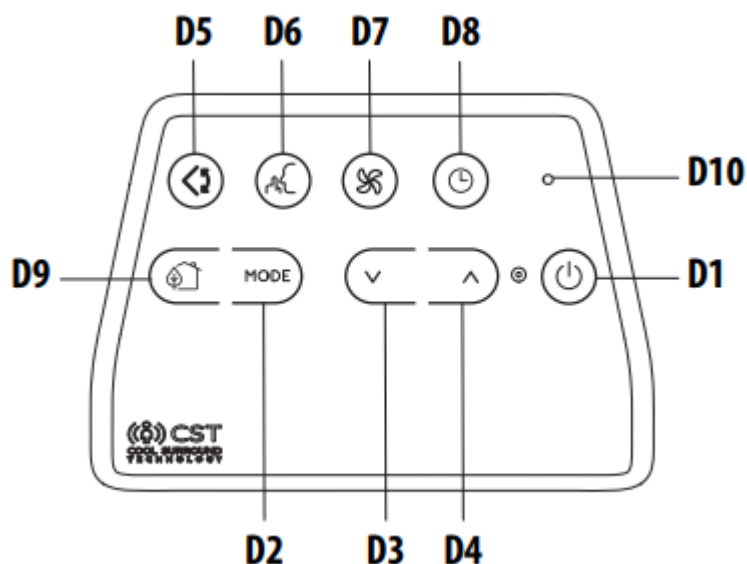


If the remote control unit is replaced or discarded, the batteries must be removed and disposed of in accordance with current legislation as they are harmful to the environment.

Do not mix old and new batteries.

Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries. Do not dispose of batteries in fire. Batteries may explode or leak. If the remote control is not be used for a certain length of time, remove the batteries. Use only battery within the expired date.

DESCRIPTION OF THE CST REMOTE CONTROL



D1. ON/STAND-BY (on/off) button

D2. MODE button

D3. Decrease button

D4. Increase button

D5. Swing button (flap swing)

D.6 Artic Whisper button

D7. Air flow button

D8. Timer button

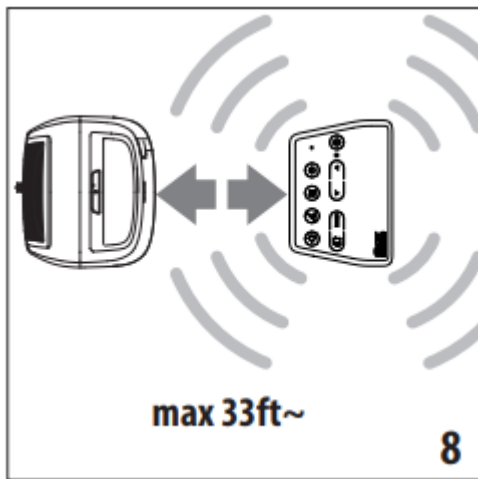
D9. ECO REAL FEEL button

D10. Indication LED

USING THE CST REMOTE CONTROL



The CST remote control senses temperature and humidity like a thermostat for a personalized custom cool around you. By keeping the CST remote nearby, it will track humidity and temperature around you making sure you'll always enjoy your desired comfort.

- The remote control must be no more than about 33 ft (10 meters) away from the appliance (fig. 8) (even in non line of sight). The maximum range may be lower depending on the environment. It belongs to Bluetooth class 2 device class.



- The CST remote control must be handled with care. Do not drop it or expose it to direct sunlight or sources of heat. It is advisable to keep the CST remote control placed on a table or a flat surface. Do not hold the CST remote control in your hand for long time to avoid altering the reading of the sensors.
- The CST sensors are also disabled if the CST remote control is positioned at a distance less than 3.3ft (1 m) from the unit.
- The CST remote control is equipped with touch sensitive buttons.
- The CST remote control is equipped with a double color builtin LED (D10) (white/red). White indications are used for:
 - signaling the touching of each button with 3 fast flashes
 - every 30 seconds it blinks for data transmission
 - signaling the entering of pairing phase with periodic blinking
 - signaling the batteries good status
- The same indications but in red color mean that the batteries begin to be exhausted.

TURNING THE APPLIANCE ON/OFF

- Plug into the outlet.
- Touch the  ON/STAND-BY button (D1). When turned on, the air conditioner starts operating in the same mode as when it was turned off.
- Touch the  ON/STAND-BY button (D1) again to switch the appliance off.

SELECTING THE OPERATING MODES

The operating modes available on the CST remote control through the MODE button (D2) correspond to those on the appliance control panel (C).

SELECTING THE TEMPERATURES


In conditioning mode touch \vee button (D3) or \wedge (D4) to select the desired temperature.


SELECTING THE AIR FLOW

In conditioning and fan modes, touch  button (D7) to select the desired air flow.

The air flows available are:

() Minimum air flow: when room has cooled down and you want a quieter operation.

(()) Medium air flow: when the noise level needs to be low but with a good comfort level.


((())) Maximum air flow: for maximum performance.



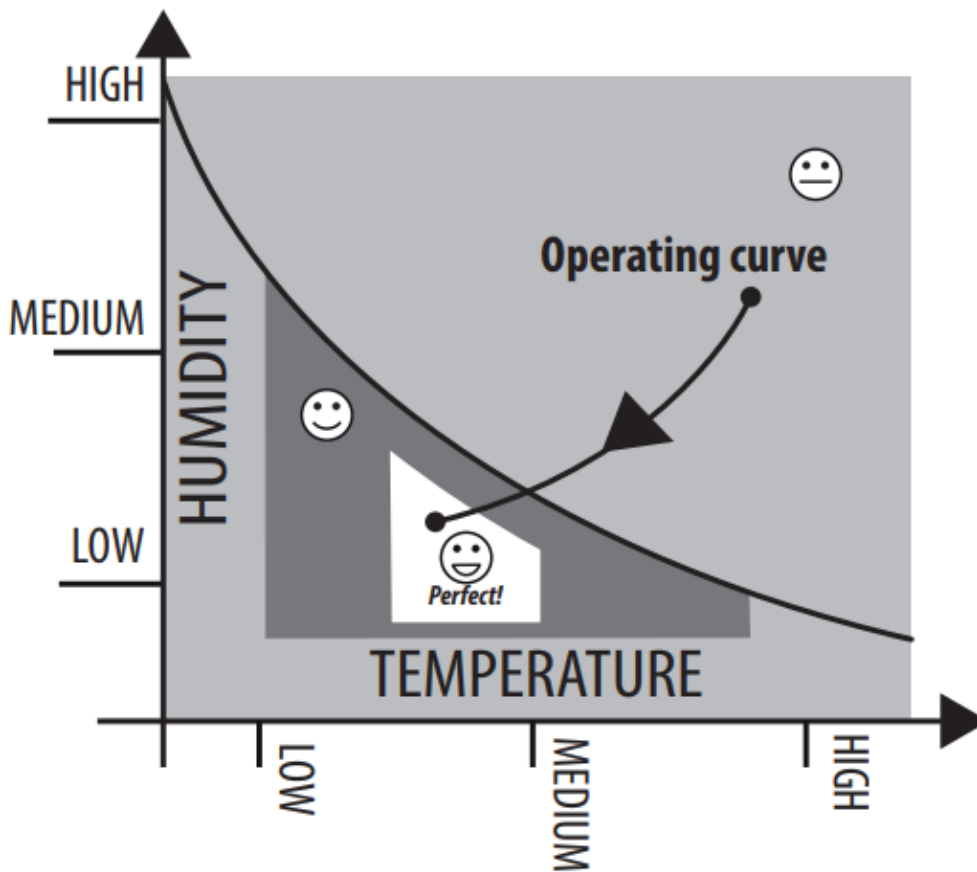
Auto: the appliance automatically chooses the air flow based on the temperature selected and the environmental conditions. This selection is only available in conditioning mode.


ECO REAL FEEL FUNCTION


ECO REAL FEEL is the innovative De'Longhi technology that works simultaneously on temperature reduction and humidity control, securing best comfort level. With traditional systems, during working time, optimal comfort conditions may be reached but not secured over time. With ECO REAL FEEL, once optimal comfort is reached, PAC automatically modulates compressor action and air flow, to keep it over time which can save up to 30% on energy usage.

To activate the function, touch the  button (D9) on remote control and the ECO REAL FEEL symbol appears.

The “ECO REAL FEEL” status indicator (C9) becomes white for approx. 1 min. to indicate that the appliance is checking the room conditions. Afterwards the “ECO REAL FEEL” status indicator (C9) changes colour as it approaches comfort conditions (see following diagram). For this type of use, the appliance must be set up as for air conditioning mode.



 **ORANGE LIGHT:** Room conditions far from optimal level.


 **GREEN LIGHT:** Most people feel good room conditions, near optimal level.

 **BLUE LIGHT:** Best comfort level.
Perfect!

- In particularly severe environmental conditions (large size of the environment, high temperature or humidity outside, poor insulation of the room, too many of people or strong heat load in the room, strong exposure to the sun ...) this device may not be able to reach the best comfort level.

ARCTIC WHISPER(available in conditioning mode only)


By activating this function, the operating noise is further reduced. To activate it, touch on the

remote control the  button (D6). The display shows the relative symbol (C12).



SWING FUNCTION

This function moves the flap evenly, distributing the air into the room.


When the  Swing button (D5) is touched, the flap will begin to move forwards and backwards alternatively.

If touched again, the flap will be locked into its current position. When the button is next touched, the flap will start to move forwards and backwards again

SETTING THE TIMER

The timer allows the delayed start up or shut down of the appliance. This function will prevent wasting electricity by optimising the operating periods.


How to program delayed shut down

- While the appliance is on in any operating mode, delayed shut down can be programmed.
- Touch the  timer button (D8): the timer symbol (C15) and hours (C16) light up




- Touch the \vee (D3) and \wedge (D4) buttons until the desired number of hours to shut down appears on the display.

A few seconds after the timer is set, the setting is acquired, the display shows the operating mode and the timer symbol stays lit. Once the set time is elapsed, the air conditioner goes into Standby.

To cancel the timer program, touch the  timer button (D8) twice. The timer symbol (C15) will go off.

How to program delayed start up

- Plug in the appliance and set to standby.
- Touch the  timer button (D8): the timer symbol (C15) and hours (C16) light up.
- Touch the \vee (D3) and \wedge (D4) buttons until the desired number of hours to start up appears. Start up can be programmed at any time within the 24 hours that follow.

When the set time is elapsed, the appliance will start to operate in the same operating mode that was previously set.

To cancel the timer program, touch the timer button (D8) twice. The timer symbol (C15) will go off.

REPEAT PAIRING OF CST REMOTE CONTROL

The CST remote control is already paired to the bundled Pinguino appliance. In case the user wants to perform a pairing with another Pinguino device, or in case of a pairing of brand new CST remote control, the user needs to put the unit in Stand-by mode and keep touched for 10 secs the MODE selection button (D2) on the CST remote control. The Led (D10) starts blinking periodically indicating the pairing phase.

The user is then asked to press for 10 sec the MODE button (C2) on the Pinguino unit until a double beep is emitted. The pairing phase is signaled on display by means of a fast flashing of the dot in the middle of the digits.

When the two devices complete the pairing dialogue, the PAC emits a double 'beep', the display will show the normal visualization for Standby.

The pairing must be done within 60 sec.

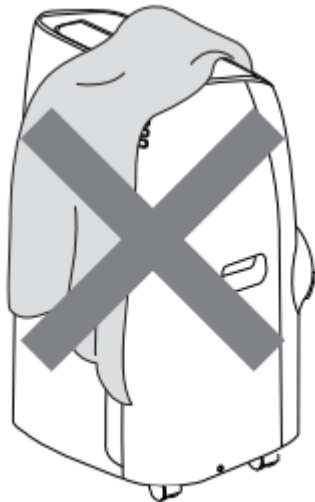
USAGE TIPS

- The CST remote control has humidity/temperature sensors on board. It is suggested not to completely cover it with hands or clothes; it is as well suggested not to place in obstructed air flow zones. In addition to that it is preferable to keep the device far from direct sunlight exposure or heat sources in order to avoid miss sensor readings.
- The CST remote control is equipped with touch sensitive buttons. It is suggested to use it with clean hands and without dust or liquids/humidity over it.
- The CST Remote control is expected to run for approx. 6 months with the same battery pack. This assumption is based on the use of 2300 mAh LR6 AA batteries.

TIPS FOR CORRECT USE


To ensure optimal results from your air conditioner, follow these recommendations:

- Close the windows and doors where air conditioner will be used. When installing the air conditioner semi-permanently, you should leave a door slightly open (as little as 0,39 inches - 1 cm) to guarantee proper ventilation.
- Never use the appliance in very damp rooms (laundries for example).
- Protect the room from direct exposure to the sun by partially closing curtains and/or blinds to make the appliance much more economical to run.
- Never use the appliance outdoors.
- Make sure there are no heat sources in the room.
- Make sure the air conditioner is standing on a level surface.
- Never rest objects of any kind on the air conditioner.
- Never obstruct the air intake or air outlet flap (see fig. below).



do not cover the appliance

CLEANING

Before cleaning or maintenance, turn the appliance off by touching the  button, then unplug from the outlet.

CLEANING THE APPLIANCE

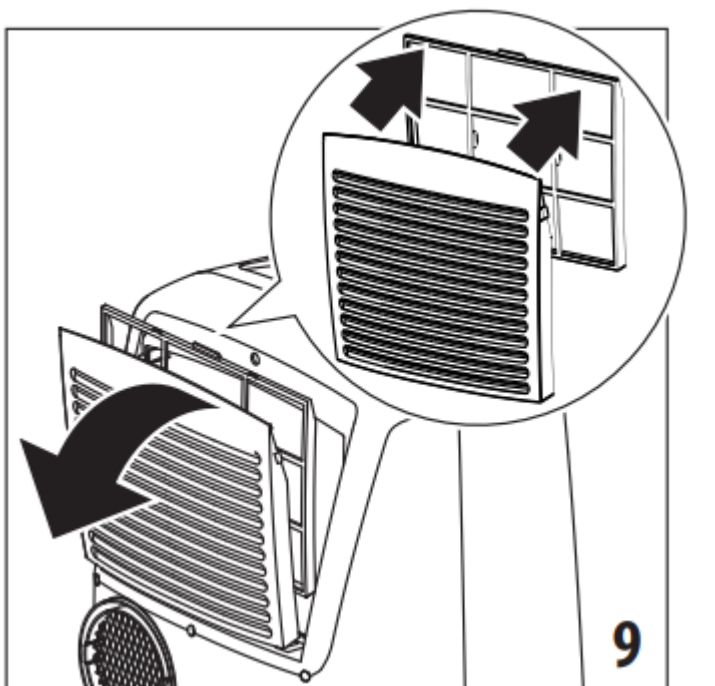
You should clean the appliance with a slightly damp cloth then dry with a dry cloth. For safety reasons, never wash the air conditioner with water.

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

CLEANING THE BIO SILVER AIR FILTER

The BioSilver filter helps capture dust and pollen and helps reduce the growth of bacteria and mold on the filter.

If the filter is dirty, air circulation is compromised and the efficiency of the appliance decreases. It is therefore good practice to clean the filter at regular intervals. The frequency depends on the duration and conditions of operation. If the unit is used constantly or systematically, you are recommended to clean the filter once a week. The filter is housed in the intake grille. To clean the filter, extract as shown in fig. 9.



Use a vacuum cleaner to remove the dust collected on the filter. If it is very dirty, immerse in warm water and rinse a number of times. The water should never be hotter than 104°F.

After washing the filter, allow it to dry completely before repositioning it.

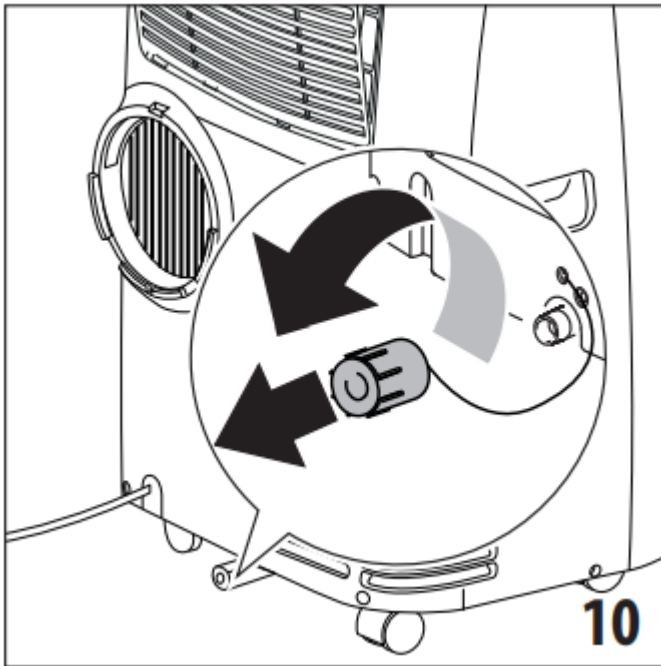
START OF SEASON CHECKS

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 drain all water from the circuit, remove the external cap by unscrewing it in the anticlockwise direction and allow the water to drain out into a basin (fig. 10).



When the appliance is empty, replace the caps.

Clean the filter and dry thoroughly before putting back. In order to properly storage the appliance at the end of the season, we suggest you cover it with the supplied end of season dust cover (B9) and you put the accessories in the relevant end of season accessories bag (B8).

TECHNICAL SPECIFICATIONS

| | |
|---|------------------|
| Power supply voltage | see rating label |
| Max. absorbed power during air conditioning | “ |
| Refrigerant | “ |
| Cooling capacity | “ |

TROUBLESHOOTING



| PROBLEM | CAUSE | SOLUTION |
|--|---|--|
| The air conditioner does not come ON | it is not plugged into the outlet | plug into the outlet |
| | there is no power | wait for the current to return |
| | the internal safety device has tripped | call the Service Center |
| The air conditioner works for a short time only | there are bends or kinks in the air exhaust hose | position the air 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) | minimize heat sources impact by setting on low or unplugging unnecessary 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. 6). |
| | filter clogged | clean or replace the filter as described above |
| During operation, there is an unpleasant smell in the room | filter clogged or dirty | clean the filter as described above |

| PROBLEM | CAUSE | SOLUTION |
|--|---|---|
| The air conditioner does not operate for about three minutes after restarting it | an internal 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. | wait. This delay is part of normal operation. |
| The scripts Lt/Ht/Lh/PF/HL/Ei and the symbol appear on display. | the appliance has a self diagnosis system to identify a number of malfunctions. | see the SELF-DIAGNOSIS chapter |

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.