

## What is Pinguino Pinguino and SuperPinguino

**D**uring the summer, optimum comfort is achieved with a temperature of between 24 and 27°C and about 50% relative humidity.

An air conditioner removes moisture and heat from the room where it is located. One advantage of portable air conditioning units over fitted models is that they can be moved from one room to another in the home or even transferred between different buildings.

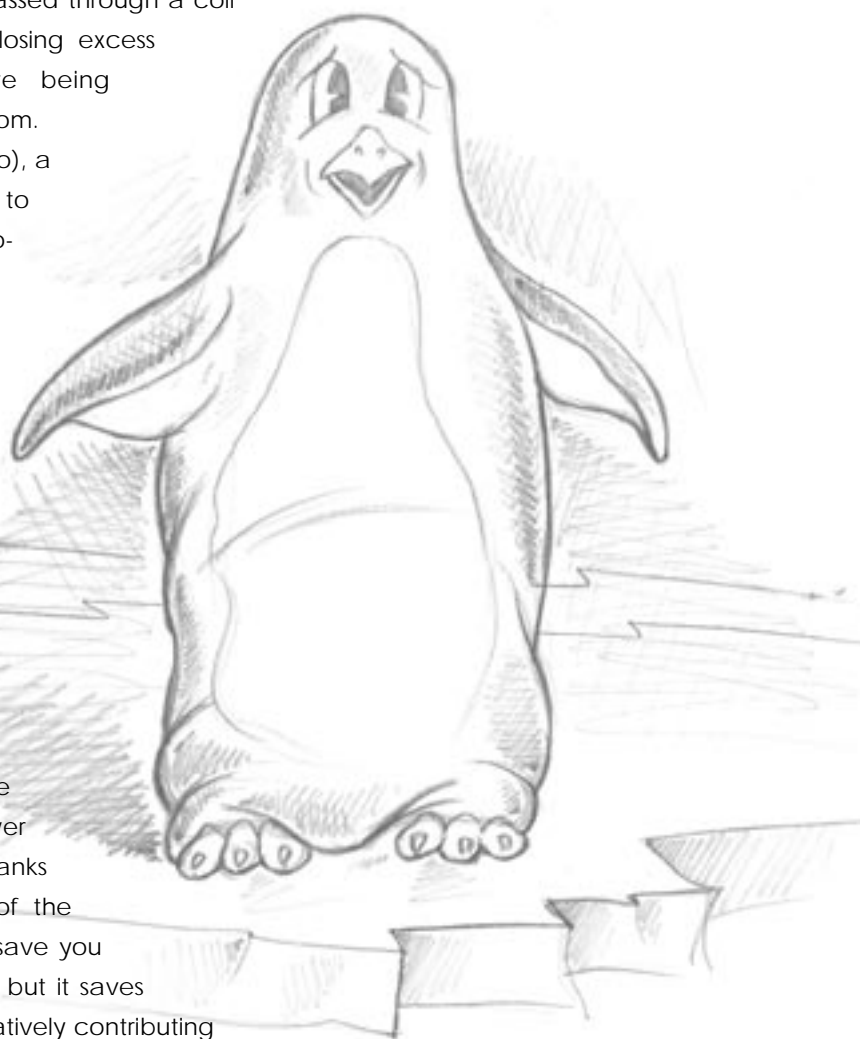
The hot air in your room is passed through a coil cooled by refrigerant gas, losing excess heat and moisture before being discharged again into the room.

In single unit models (Pinguino), a small part of this air is used to cool the refrigerant gas before, hot and moist air is being discharged outside.

In suitcase models, the circuit is cooled using the air outside.

Each Pinguino and SuperPinguino can also be used as a fan only.

ECO by Pinguino is the latest generation of ecological air conditioners. Pinguino does not contain gases dangerous to the earth's ozone layer (CFC/HCFC). In addition, thanks to the extreme efficiency of the appliance, not only does it save you money on your electric bills, but it saves the environment by not negatively contributing to the greenhouse effect."



For more details, contact or visit our Internet site  
**[www.delonghi.com](http://www.delonghi.com)**

# Important Safe-guards

ENGLISH

- This appliance has been manufactured to cool and de-humidify domestic environments and should not be used for other purposes.
- It is dangerous to alter or modify the unit's characteristics in any way.
- The appliance must be installed in conformity with the relevant national legislation.
- Should repairs be necessary, contact the nearest authorised Repair Service Centre. Unauthorised servicing can be dangerous.
- In the case that the power cable becomes damaged, this must be substituted only by specialised personnel authorised by the manufacturer.
- This appliance is to be used by adults only; keep children away from it.
- Always ground the appliance. Have the electrical system checked by a qualified electrician.
- Avoid using extension leads with the unit.
- Before cleaning or maintenance operations, always unplug the unit from the socket.
- Do not pull on or place strain on the power cable when moving the appliance.
- The appliance should not be installed where the atmosphere may contain combustible gases, oil or sulphur, or near heat sources.
- If the appliance is utilised in areas where there is no ventilation of air, it is necessary to take precautions to avoid that the refrigerant gases that may leak from the appliance do not remain in the room, thereby causing a fire hazard.
- This appliance must be utilised and installed only in rooms with a total volume of 15 cubic metres or greater.
- After turning off the conditioner, always wait at least three minutes before turning it on again.
- Do not rest hot or heavy objects onto the appliance.
- Clean the anti-bacterial filters at least once a week.
- Avoid using heaters near the unit.
- The unit should be transported in a vertical position. If this is not possible secure the unit at an angle, do not lie horizontally. Before transporting the unit drain the condensation collecting-tray and tank. Avoid transportation, wait at least 1 hour before switching on the unit.
- The packaging materials can be recycled. You are therefore recommended to place them in the special containers for differentiated waste collection.
- Do not cover this appliance with bags when is not in use.
- Unventilated area where the appliance using flammable refrigerants is installed shall be so constructed that any leaked refrigerants will not stagnate so as to cause a fire or an explosion hazard caused by igniting stagnant refrigerants from other source such as electric heater, stove and similar home applications.
- The refrigerant used in this appliance would cause damage to the ozone layer if released into the atmosphere. Therefore at the end of the working life of the appliance the unit should be taken to a recycling centre for disposal of the refrigerant.
- Keep the unit at least 50 cm away from inflammable substances (alcohol etc) or pressurised containers (eg. aerosol cans).
- The appliance must be used only as indicated in this manual. These instructions are not intended to cover as many as possible conditions and situations which may arise. As with all household appliances installation, operation and conservation should be carried out prudently and following common sense.

## DESCRIPTION

- |  |                      |
|--|----------------------|
| 1 Air delivery grille                                | 13 Ventilation led   |
| 2 Control panel                                      | 14 Full tank light   |
| 3 Wheels   | 15 Thermostat knob   |
| 4 Handles  | 16 Flange            |
| 5 Housing for hose                                   | 17 Air exhaust hose  |
| 6 Cord winder  | 18 Window attachment |
| 7 Air intake grill                                   | 19 Suckers           |
| 8 Condensation tank                                  | 20 Blocking device   |
| 9 Drainage tube                                      |                      |
| 10 Plug  |                      |
| 11 Function selector                                 |                      |
| 12 Air conditioning led                              |                      |
| 12 Air conditioning/dehumidifying led (mod. F130eco) |                      |

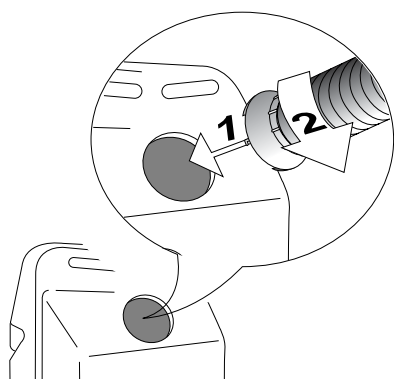
# Setting up

The following instructions will help you set up your air conditioning unit as efficiently as possible.  
**The appliance must always be installed for use taking care that there are no obstacles blocking the ventilation and exhaust fans.**

## AIR CONDITIONING WITHOUT INSTALLATION FOR INSTANT TEMPORARY USAGE

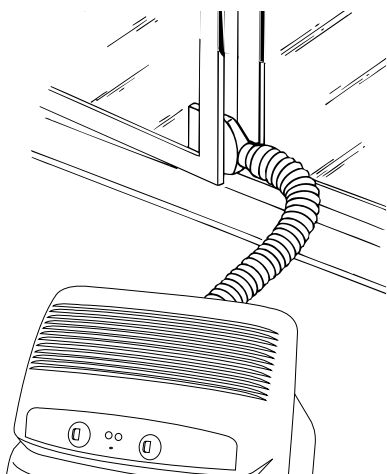
With just a few simple operations, Pinguino will restore comfortable conditions in your room:

- Fix the air outlet hose **17** to the coupling **5** on the back of the unit as shown in figure **A**.



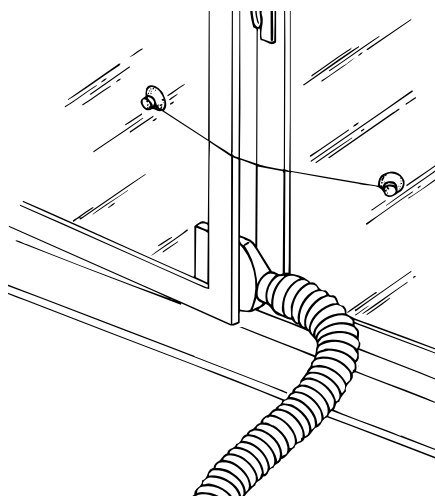
A

- Fix the window attachment **18** to the end of the hose **17**.
- Place the unit near a window or a French window.
- Open the window or French window slightly and place the window attachment **18** as shown in figure **B**.



B

- With a double casement window, use the suckers **19** provided to hold the two halves of the window together (fig. **C**).

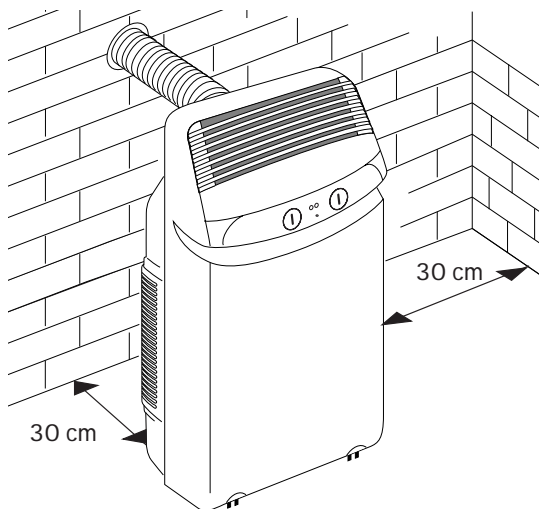


C

# Setting up

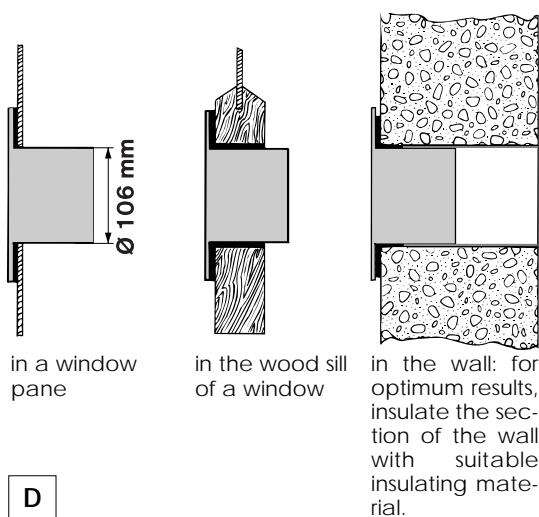
## AIR CONDITIONING WITH INSTALLATION

Pinguino can also be semi-permanently installed

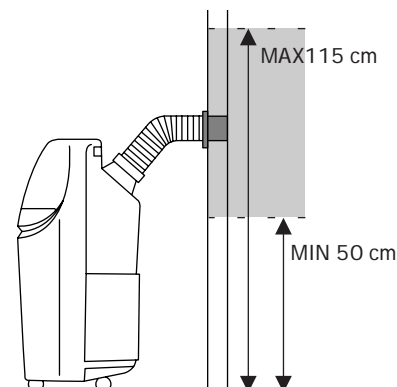


To install, proceed as follows:

- Make a hole in a wall communicating with the outside or through the pane of a window. Respect the height and dimensions given in figure D



- Fit the flange **16** supplied to the hole.
- Fix the hose **17** to the coupling on the back of the unit (figure A).
- Attach the end of the hose **17** to the flange **16** as shown in the figure E.



ENGLISH

When the hose **17** is not attached, close the hole with the bung on the flange **16**.

### NOTE:

When the unit is installed semi-permanently, we recommend leaving a door slightly open (1 cm is enough) to ensure an adequate exchange of air.

### DEHUMIDIFICATION (mod. F130 eco only)

Position the appliance in the room without inserting the hose; in this way the dehumidified air will exhaust directly into the room

# Turning on and Selecting functions

## ELECTRICAL CONNECTION

Before plugging in check that:

- the mains supply corresponds to the value shown in the specifications table;
- the socket and the mains lead correspond to the power requirements of the appliance;
- the socket is suited to the plug **10**, otherwise have the socket replaced;
- the socket is properly grounded. **The manufactures cannot be held responsible for any damages due to failure in following normal safety procedures.**

**Replacement of the power cable must be carried out by qualified personnel.**

## AS AIR CONDITIONER

With the unit turned off, the function selector **11** is in the "O" position. To turn the unit on in air conditioning mode, proceed as follows:

1. Rotate the function selector dial clockwise:
  - Place the large star symbol **✱** in line with the reference mark to operate the unit in air conditioning mode at maximum fan speed.
  - Place the small star symbol **✱** in line with the reference mark to operate the unit in air conditioning mode at minimum fan speed.
2. Now set the required temperature by rotating the room thermostat dial

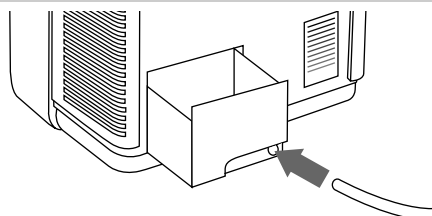
### Note

The temperature is not expressed in degrees. We therefore recommend rotating the room thermostat dial **15** to the maximum cool position. When room temperature has reached the required level, rotate the thermostat dial **SLOWLY** clockwise until the thermostat is activated, turning the unit off. This programs the unit to the precise level of comfort required which will then be automatically maintained by the thermostat with considerable energy savings. When regulating the thermostat, the air conditioning function is temporarily interrupted and the unit continues to operate in fan/ventilation only mode. In this way, the appliance keeps the air temperature in the room homogeneous.

**Note:** cool air is discharged from grill **1** only after a delay of three to five minutes.

**THIS UNIT EMPLOYS AN EXCLUSIVE CONDENSATION RECYCLING SYSTEM TO DISPOSE OF EXCESS MOISTURE.**

**IN NORMAL CONDITIONS, CONDENSATION IS DISPOSED OF AUTOMATICALLY. WHEN THE HUMIDITY IS PARTICULARLY HIGH, AN EXCESS OF CONDENSATION MAY BUILT UP IN THE TANK. WHEN THIS HAPPENS, THE INDICATOR LIGHT **14** INDICATING THAT THE TANK **8** SHOULD BE EMPTIED. IF THIS PROBLEM IS RECURRENT YOU MAY DISCHARGE THE EXCESS WATER FROM THE TANK **8** DIRECTLY INTO A DRAIN. USE THE RUBBER TUBE WITH AN INTERNAL DIAMETER OF 12 mm. THE TUBE SHOULD BE INSERTED INTO THE HOLE PROVIDED AFTER REMOVING THE RUBBER BUNG MAKE SURE THE TANK **8** IS PUT BACK CORRECTLY OTHERWISE THE LIGHT **14** WILL REMAIN ON (SEE FIGURE)**



## AIR FILTRATION WITH FAN

Rotate the function selector **11** anti-clockwise.

- Place the large symbol **✱** in line with the reference mark to operate the unit at maximum fan speed.
- Place the small symbol **✱** in line with the reference mark to operate the unit at minimum fan speed.

## HOW TO DEHUMIDIFY (mod. F130 eco)

When the appliance is working as an air conditioner, it automatically reduces the excess humidity in the air present in the room. Some models have the facility to dehumidify as a separate function. In this case turn the function selector dial in an clockwise direction until the **☂** symbol is reached

### Note

In the dehumidifying mode, air colder than the room temperature will exhaust from the air exhaust grille. Conversely, air warmer than room temperature will be exhausted from the opening **5** on the back of the appliance.

**TURN THE APPLIANCE OFF**

# Functions/Warning lights



TO TURN THE UNIT OFF COMPLETELY, SET THE FUNCTION SELECTOR TO THE "O" POSITION AND UNPLUG FROM THE MAINS.

THE START OF THE FUNCTIONS MAY UNDERGO SLIGHT DELAYS WITH RESPECT TO THE ROTATION OF THE SELECTOR.

ENGLISH

## THE LEDS

Led displays come on depending on the selected function or as warning of possible anomalies.

FUNCTION	LED  12	LED  13
OFF	-	-
AIR-CONDITIONING	on*	on
DEHUMIDIFYING	on**	on
VENTILATION	-	on

\* The leds will light up 3 minutes after the machine is turned on (that is, when the compressor starts to work). They will turn off when the temperature set by the thermostat is reached.

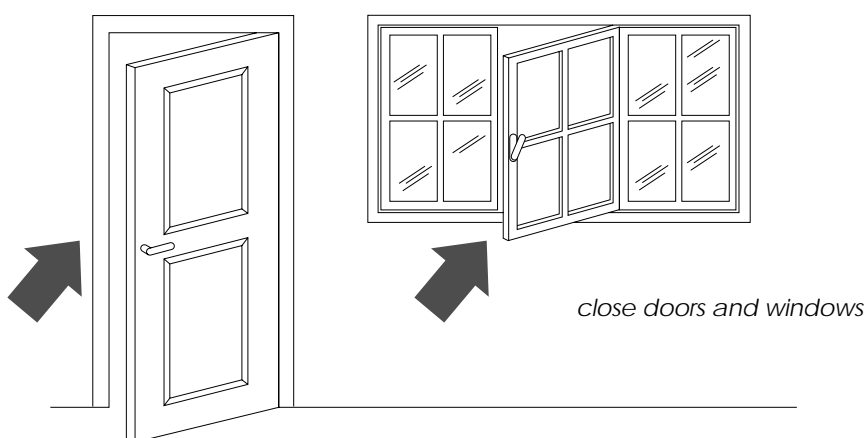
\*\* The leds will light up 3 minutes after the machine is turned on (that is, when the compressor starts to work)

When in the dehumidifying mode, the appliance operates continuously. If the temperature is too low, the anti-freeze thermostat intervenes, interrupting the operation.

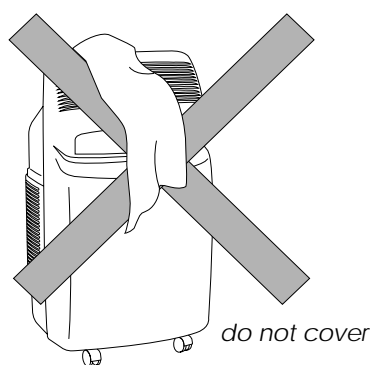
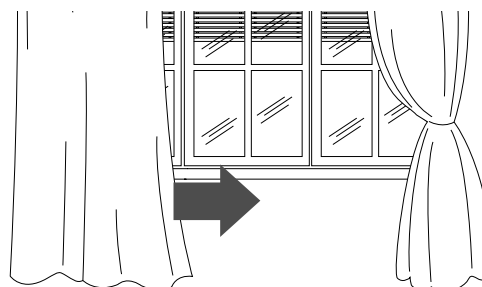
# Recommendations

Follow these recommendations to achieve maximum efficiency from your air conditioning unit:

- Close the doors and windows in the room where the unit is functioning. The only exception is in the case of installation through a hole in the wall. In this case, you are recommended to allow a small amount of air to enter through a door or window to guarantee an adequate exchange of air.
- Non utilizzare l'apparecchio in ambienti ad alto tasso di umidità (tipo lavanderia).
- Non utilizzare l'apparecchio in ambiente esterno.



- Protect the room from direct exposure to the sun's rays by drawing the curtains and/or partially lowering the blinds so as to maximise energy savings.
- Do not rest objects on the air conditioning unit.
- Do not obstruct the air intake grille **7** or outlet grille **1**;
- Make sure there are no heat sources in the room.



*lower the blinds or draw the curtains*

- Make sure the unit is located on a **level** floor. If necessary, place the two blocking devices **20** under the front wheels **3**.

# Cleaning

Before cleaning or maintenance, always turn the unit off by placing the selector in the "O" position and unplug from the mains.

## CLEANING THE EXTERNAL UNIT

We recommend cleaning the unit with a slightly damp cloth then drying with a dry cloth. For safety reasons, do not wash the air conditioner with water.

### Precautions

Never clean with benzene, alcohol or solvents. Never spray liquid insecticide or similar. Do not use sharp instruments to clean or to speed up the defrosting of the refrigerator unit.

## CLEANING THE AIR FILTERS.

To maintain the air conditioning unit at peak efficiency, you are recommended to:

1. Clean the anti-dust filter weekly.
2. Replace the filters at the end of each season or when spent (follow the instructions on the unit near the filter).

The air purification filters are located behind the two intake grilles. The grilles contain the filters.

To clean the filters:

1. Remove the intake grilles by rotating them outwards.

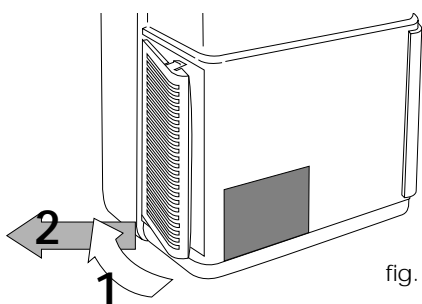


fig. F

2. Remove the filter holder holding the anti-dust filter by unhooking it from the external grille.

To remove dust deposited on the anti-dust filter, use a vacuum cleaner. If very dirty, rinse repeatedly in warm water at a temperature of not more than 40°C.

After washing, dry the filter. To replace, put the filters back into the filter holder, then hook the latter to the unit.

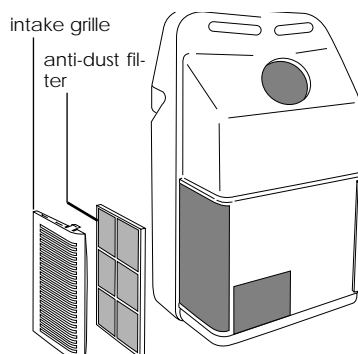


fig. G

ENGLISH

## BEGIN OF SEASON CHECKS

Check that the power cable and socket are undamaged and that the earth installation is efficient.

## END OF SEASON OPERATIONS

Take out the condensation tank located in the rear of the unit and empty it.

Empty the residual water by removing the bung in the drainage hose [9].

After replacing the bung, put the condensation tank back [8].

Clean the anti-pollution filters and dry well before replacing.

## BEGIN OF SEASON CHECKS

Check that the power cable and socket are undamaged and that the earth installation is efficient.



# Troubleshooting

PROBLEMS	CAUSES	SOLUTIONS
<b>The air conditioner doesn't work</b>	<ul style="list-style-type: none"> <li>the power is off</li> <li>the plug is not inserted into the electrical outlet</li> <li>the fan is blocked</li> <li>the security device was triggered</li> <li>the security float was triggered</li> </ul>	<ul style="list-style-type: none"> <li>wait</li> <li>plug in the appliance</li> <li>call the Service Centre</li> <li>call the Service Centre</li> <li>empty the basin</li> </ul>
<b>The air conditioner works for a short time only</b>	<ul style="list-style-type: none"> <li>the exhaust hose is twisted</li> <li>the exhaust hose is blocked</li> <li>the drain hose is bent</li> </ul>	<ul style="list-style-type: none"> <li>position exhaust tube correctly</li> <li>check if there are obstacles blocking the exhaust of air out of the appliance</li> <li>unbend the tube</li> </ul>
<b>The air conditioner works but doesn't cool the room</b>	<ul style="list-style-type: none"> <li>windows open</li> <li>a heat source is operating in the room (burner, light, etc.) or there are a lot of people</li> <li>the exhaust tube has come out of place</li> <li>air filters clogged</li> <li>the output of the unit is insufficient for the conditions or size of the room</li> </ul>	<ul style="list-style-type: none"> <li>close the open window</li> <li>remove the heat source</li> <li>reinsert the hose into its place</li> <li>clean the filter or replace</li> </ul>
<b>Strange odour in the room</b>	<ul style="list-style-type: none"> <li>air filters dirty</li> </ul>	<ul style="list-style-type: none"> <li>clean the filter or replace it</li> </ul>
<b>Leaking condensation from the unit around the conditioner</b>	<ul style="list-style-type: none"> <li>condensation collection basin is full</li> <li>incorrect installation of the appliance</li> </ul>	<ul style="list-style-type: none"> <li>empty the basin and drain the water with the drainage tube found on the back side of the appliance</li> <li>see page 16 to properly install the appliance</li> </ul>
<b>The air conditioner doesn't work for about 3 minutes from turning on the appliance</b>	<ul style="list-style-type: none"> <li>the appliance's security system has intervened</li> </ul>	<ul style="list-style-type: none"> <li>wait for 3 minutes</li> </ul>
<b>The warning light <span style="border: 1px solid black; padding: 0 2px;">14</span> is on</b>	<ul style="list-style-type: none"> <li>condensation collection basin is full</li> </ul>	<ul style="list-style-type: none"> <li>Empty the basin. If the light is still on, consult the Service Centre</li> </ul>

# Technical specification

## GARANZIA

All'apparecchio troverete applicata una tasca contenente l'elenco dei Centri Assistenza e la garanzia. Ricordatevi che la garanzia ha validità solo se accompagnata da un documento fiscale che comprovi l'acquisto oppure convalidata dal negoziante.

## ASSISTENZA TECNICA

Conservate l'elenco dei Centri Assistenza Tecnica ed individuate il Centro più vicino a voi.

### RECOMMENDED OPE- RATING CONDITIONS

Room temperature	21 ÷ 32°C
------------------	-----------

## TECHNICAL SPECIFICATION

Power supply see rating plate

Max. absorbed power  
in air conditioning "

Max. absorbed power  
when dehumidifying "

Refrigerant "

Refrigerating capacity\* "

Number of fan speeds 2

Max. air flow :

- width 452 mm
- height 800 mm
- depth 415 mm
- weight 33,5 kg

\* Standard conditions:  
Room temperature 27°C

47% relative humidity

Outside temperature 35°C

41% relative humidity

ENGLISH

The transportation, loading, cleaning, recovery, and breaking down of the refrigerant agents must be effected only by the technical service centres authorised by the manufacturer.

The break down of the appliance must be done only by specialised personnel authorised by the manufacturer.