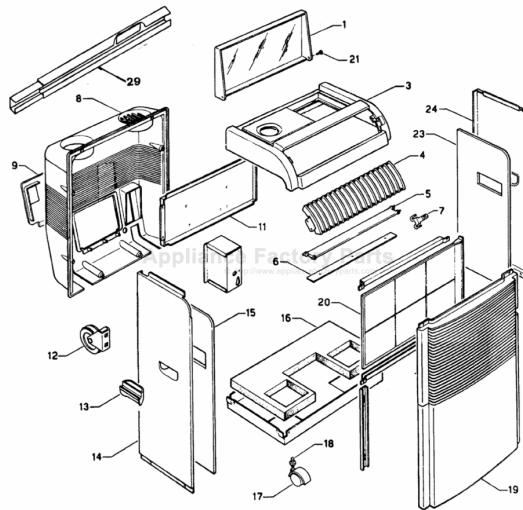


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DE'LONGHI PAC1000 Owner's Manual

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----- Manual continues below -----

IMPORTANT INFORMATION

When using electrical appliances, basic safety precautions should always be followed, including the following:

- Read all instructions.
- To protect against fire, electrical shock and personal injury, do not immerse cord, plug or appliance in water or other liquid.
- Close supervision is necessary when any appliance is used by or near children.
- Do not operate with a damaged cord or plug, or after the appliance malfunctions, or has been damaged in any manner. Return the appliance to the nearest authorized service facility for examination, repair or adjustment.
- The use of accessory attachments or spare parts not recommended by the appliance manufacturer may result in fire, electrical shock or personal injury.
- Do not use outdoors.
- Do not use the appliance for other than the intended use.
- Do not place any strain on the power cord. Avoid twisting and/or tangling.
- Ensure that outlet vent of exhaust hose is kept debris-clear and obstruction free.
- Ensure that ventilation holes on the rear of the machine and front louvers are not blocked.
- The Pinguino should not be installed where the atmosphere could contain combustible gases.
- Avoid using Pinguino in oily or sulphurous atmospheres or near sources of heat.
- Before moving the air-conditioner, empty water from collection tray (see instructions for drainage at page 7).
- Do not place hot or heavy objects on the appliance.
- Clean air filter every week (see instructions at page 12).
- Unplug from outlet when not in use and before cleaning.
- **Important:** If you need to use an extension cord, please be sure to use a **heavy duty** extension cord (minimum 14 gauge).

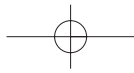
SAVE THESE INSTRUCTIONS

SPECIFICATIONS

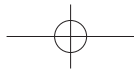
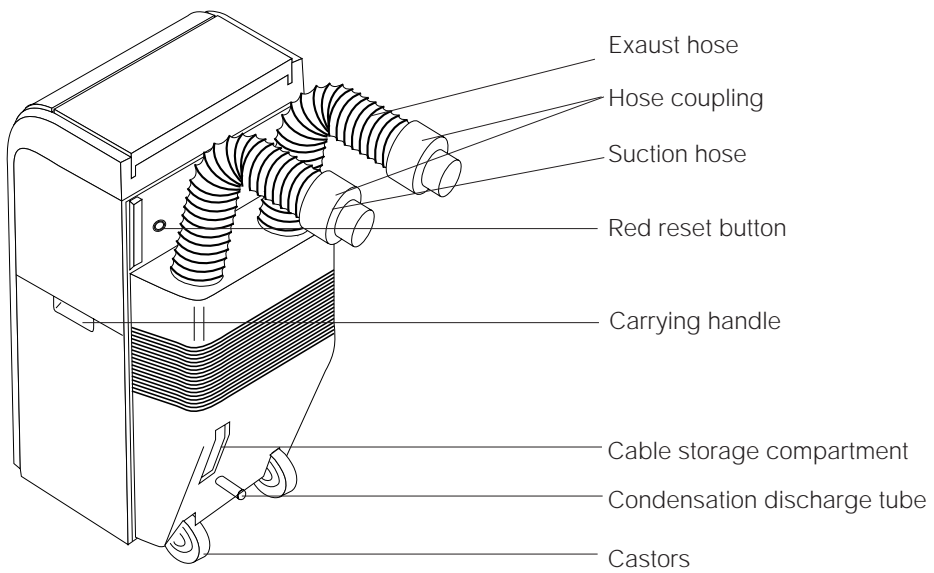
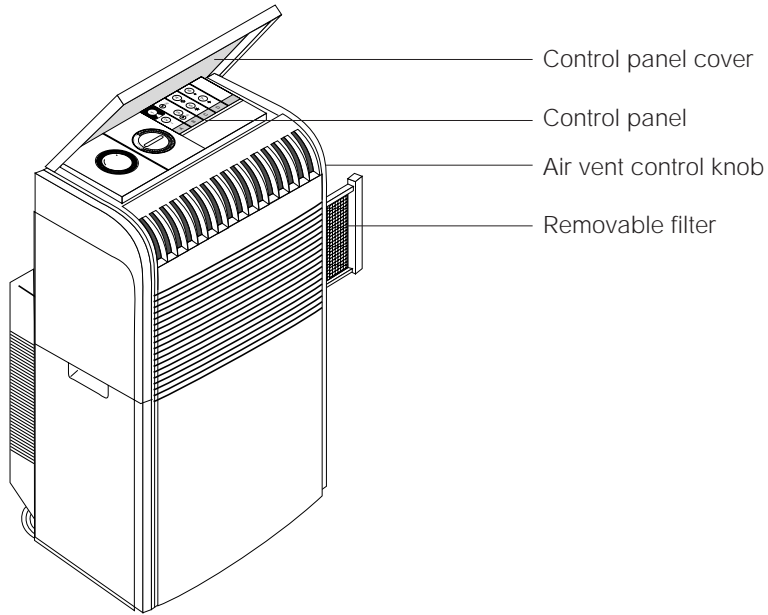
Power supply voltage	V	see rating label*
Frequency	Hz	60
Cooling capacity:		see rating label*
Current consumption		see rating label*
Air flow capacity		188.35 cfm
Room thermostat		adjustable
Dimensions :	width in.(mm) height in.(mm) depth in.(mm)	18.03 (458) 33.46 (850) 15.74 (400)
Net weight	lb. (kg)	97 (44)
Refrigerant system	(freon)	R 22
Compressor protection	(freon)	Overload relay
Freon charge	lb. (kg)	see rating label*
*Data according to pending standard testing procedures subject to review by the U.S. Dept. of Energy.		

OPTIMUM OPERATING RANGE

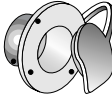
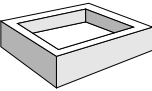
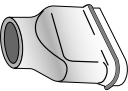
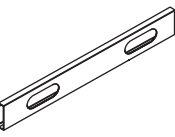
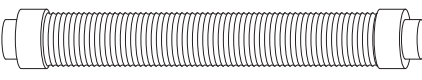
ROOM TEMPERATURE	70°F - 90°F (21 - 35°C)
ROOM HUMIDITY FACTOR	50%-80% RH
POWER SUPPLY	FREQUENCY 60 HZ
	VOLTAGE 115V



ILLUSTRATED MAIN FEATURES LIST



ACCESSORY LIST

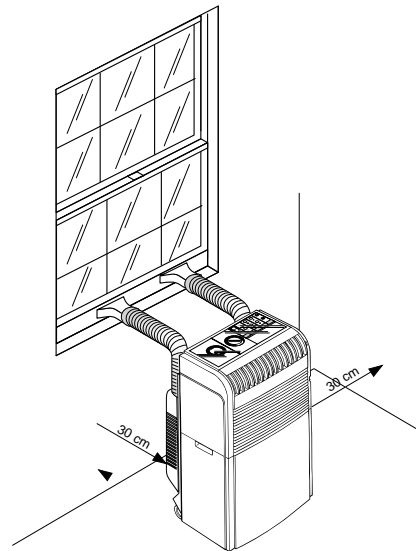
ILLUSTRATION	DESCRIPTION	N° SUPPLIED
	Cap + flange	2
	Castor stop	2
	Window nozzle	2
	Adj window bracket	1
	Exhaust hose	2

USING THE UNIT AS AN AIR-CONDITIONER

Installation

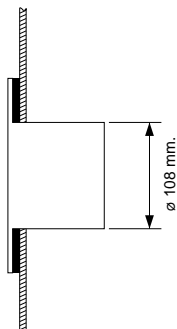
This new air-conditioner is highly versatile. It is portable, and can therefore be moved from room to room as required. Each room can be fitted with permanent vent holes.

Minimum distance from the walls: 30cm



Vent holes for air discharge to the exterior can be made in any wall or window frame as shown in fig. A1, A2 and A3.

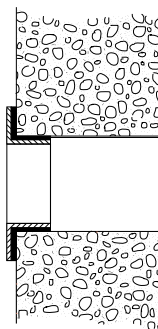
A1 in a window pane



A2 in a door/window frame

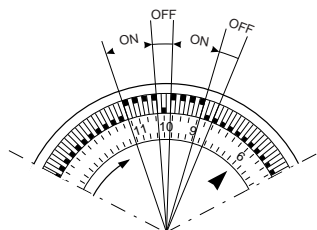


A3 in a wall



Whichever method is preferred, the window should be opened as little as possible in order to ensure maximum efficiency. If the window is fitted with shutters or blinds, these should be partially closed in order to reduce exposure to direct sunlight and to prevent warm air from entering the room.

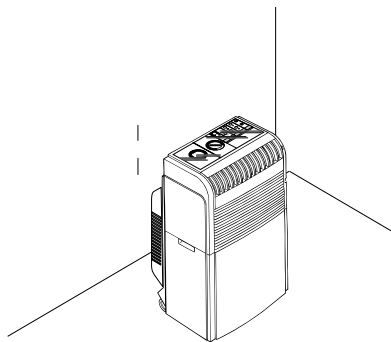
Do not obstruct the exhaust vent.



N.B.: Check that the air-conditioner is perfectly level. If necessary, fit the special stops to the two front castors.

USING THE UNIT AS A DEHUMIDIFIER

- Position the unit anywhere in the room to be dehumidified without fitting the exhaust hose, so that the air is vented directly into the room.

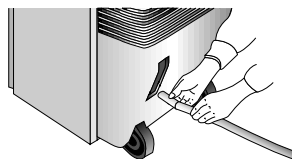


When the dehumidifying a room whose temperature is lower than 18°C (64°F), the unit must be operated with the timer inserted (see pag 9) and set as follows:

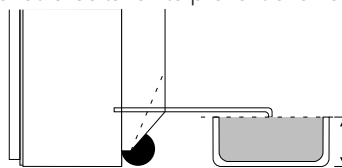
- 1 hour ON
- 15 min. OFF

Condensed water is drained always as follows:

Remove the condensation tube from the rear compartment and connect a floor-level drainage duct. The condensation tube can be fitted with an extension tube (maximum length 2 m./ 6.5 ft.) . The extension tube must be of the same diameter and positioned at floor level.



The condensation can also be drained into a basin (maximum height 11cm./4.3 ins). In this case, care should be taken to prevent overflowing.



When the unit is used as an air-conditioner, in order to have the right confort the appliance besides cooling, it also reduces the the humidity in the room.

When the unit is used as a dehumidifier, in order to enforce the dehumidification process, the appliance, besides dehumidifying, it also heats the room.

ELECTRICAL CONNECTIONS

Before plugging the unit into the mains, check the following:

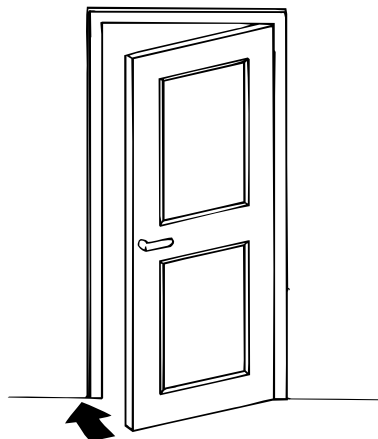
- the mains voltage must be the same as the voltage shown on the rating plate
- the power socket and the mains circuit must be suitable for the power requirements of the unit
- the socket must be suitable for the plug; if not, have the socket replaced.
- the power socket must be properly earthed. The manufacturer declines all responsibility for any damage or injury arising from non-observance of this safety requirement.

- Ensure that the air intake and discharge vents are not obstructed.
- Make sure that there are no sources of heat in the room.

FINAL CHECK

In order to ensure that your air-conditioner operates with the maximum efficiency, make sure that:

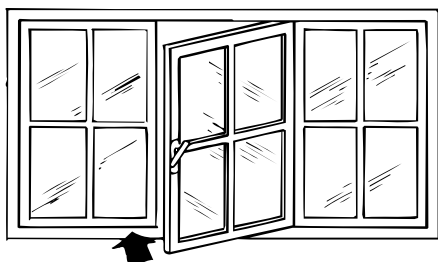
- all doors and windows in the room to be air-conditioned are closed (except for temporary installation, in which case a window must be left partially open).
- Draw the curtains and/or partially close the blinds to protect the room against direct sunlight. This will increase the efficiency and economy of the air-conditioner.
- Do not place objects of any kind on the air-conditioner.



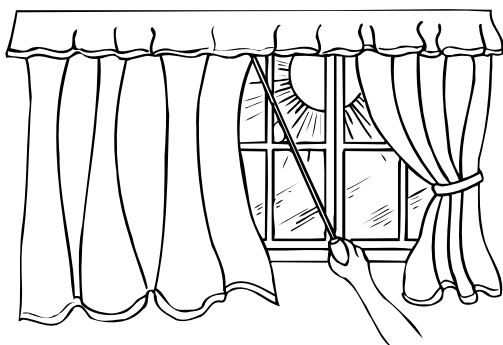
Close the door



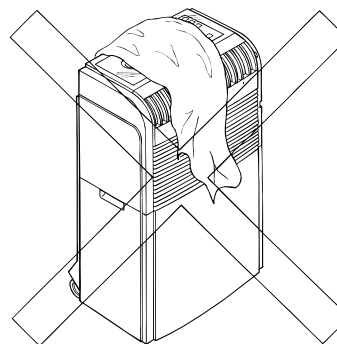
Lower the blinds



Close the windows



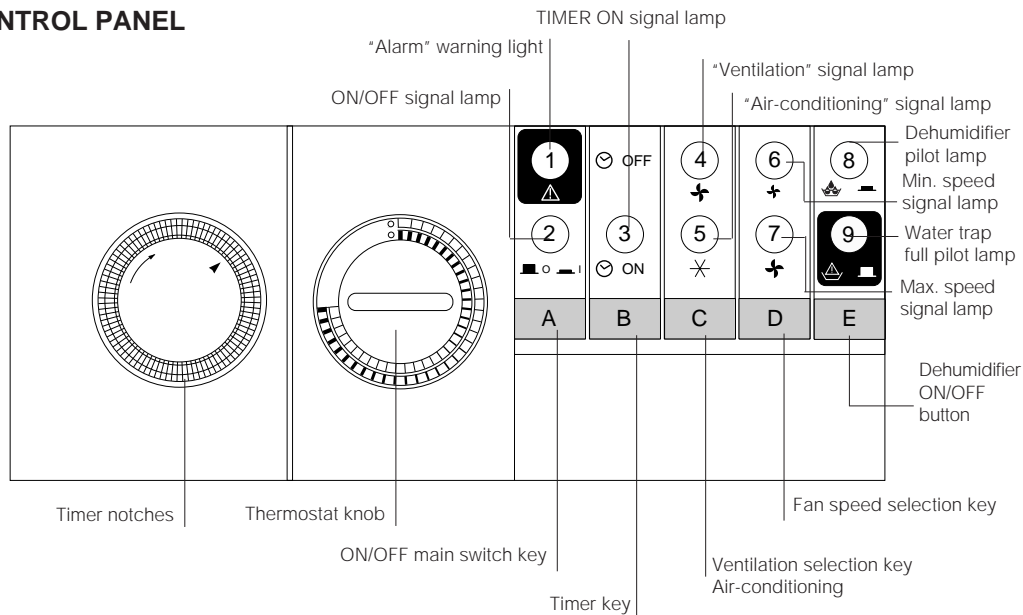
Draw the curtains



Do not cover

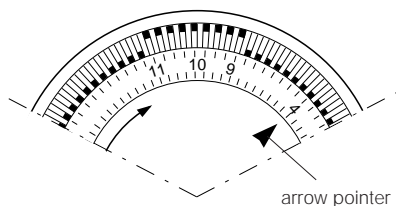
YOUR AIR-CONDITIONER IS NOW READY FOR USE

CONTROL PANEL



SETTING THE TIMER

The programmer/timer, like all clocks, must be set to the exact time. If for example it is 4:00 p.m., turn the dial in a clockwise direction (following the direction of the arrow) until the number 4 (4 p.m.) is lined up with the arrow pointer (the arrows indicates 4:00 p.m. approximately).



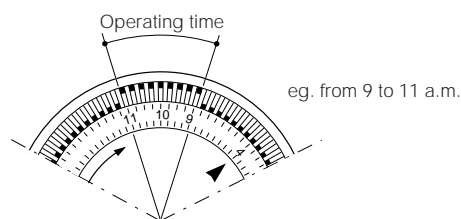
N.B.: Never turn the dial in a counter-clockwise direction!

The timer is in effect, an electric clock and works only if the plug is connected to the power supply. Whenever the plug is disconnected or there is a power failure, the programmer stops (the clock is then "slow") and must be re-set.

The unit can be used in either **programmed** or **non-programmed** mode.

PROGRAMMED MODE

- 1) Release timer button B .
- 2) Set the operating times by pushing out the notches on the dial corresponding to the period required (each notch represents 15 mins.).
- 3) Check that the timer indicates the correct time (see instructions on setting).



- 4) Select the desired function as shown in the chart overleaf.

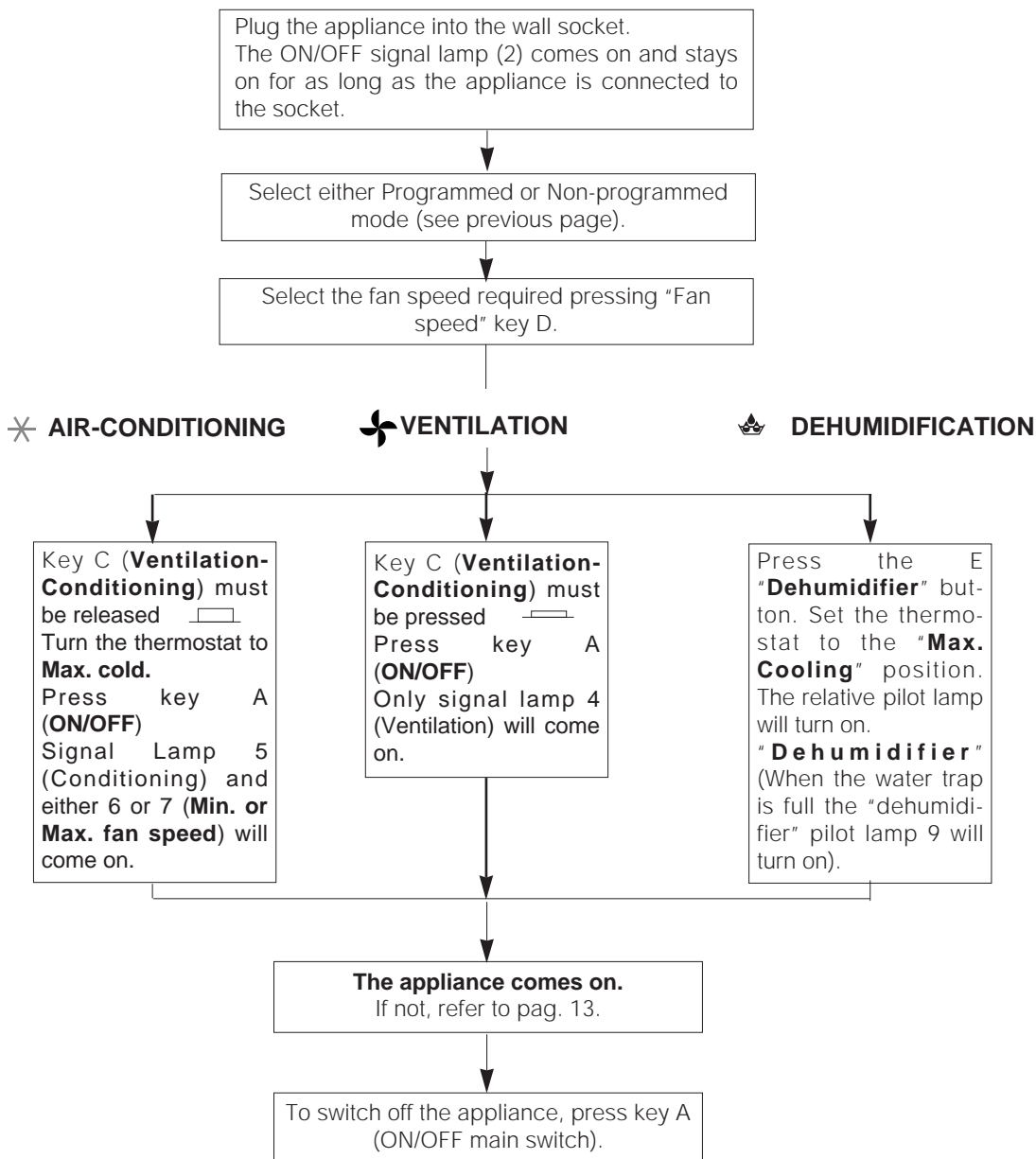
The unit will now switch on and off each day at the selected times.

N.B.: To override the programmed operating times, simply press the ON/OFF timer key.

NON-PROGRAMMED MODE

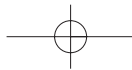
- 1) B TIMER button must be pressed .
- 2) Select the desired function as shown in the chart on the following page.

HOW TO START UP THE AIR CONDITIONER



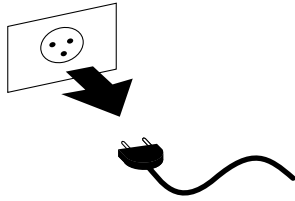
N.B: For technical reasons, the temperature is not shown in degrees, but is represented by two lines which vary in thickness according to the temperature. It is advisable to begin by turning the thermostat to the maximum setting (thick green line = maximum cooling). When the room temperature is comfortable, turn the thermostat slowly away from the maximum cooling position until the air-conditioner switches off. Leave the thermostat in this position. The air-conditioner is now programmed to maintain the exact temperature at all times.

This appliance is fitted with a special safety circuit. When the compressor switches off, this circuit prevents it from switching on again for at least 3 minutes.

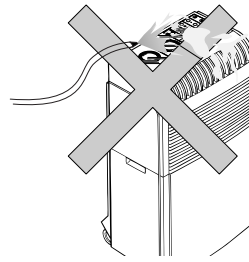


MAINTENANCE

PRECAUTIONS

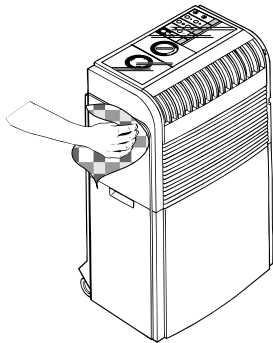


During cleaning and normal maintenance operations remember to disconnect plug.



Under no circumstances should appliance be washed with running water. Damage could be caused to the electrical circuit.

CLEANING OF EXTERNAL HOUSING



Clean with a damp cloth and dry thoroughly with a clean dry cloth.

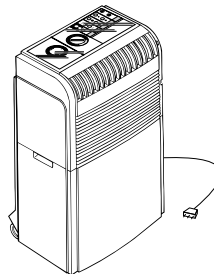
Never use petrol, gas, alcohol or solvents for cleaning. Never spray insecticides or similar products on the appliance, as these may seriously damage the paintwork and plastic.



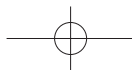
CONTROLS AT THE BEGINNING OF THE SEASON



Carefully follow installation procedure.



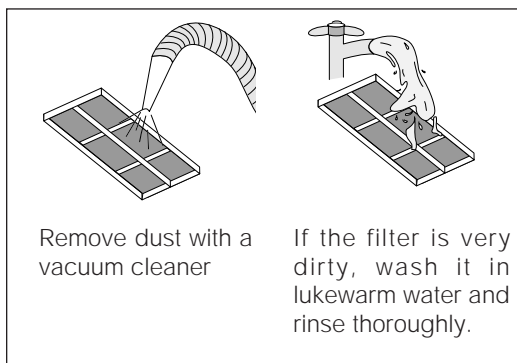
Check for any defects in power cord and plug.



AIR FILTER CLEANING

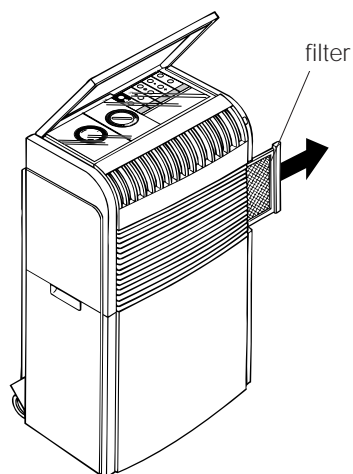
Maintenance of air filter

A clogged air filter reduces the quantity of circulating air and the efficiency of the appliance. It is therefore recommended to clean the filter at weekly intervals.



Removal and replacement of air filter

Gently pull filter upwards (as shown in figure). Push to replace.

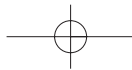


Cleaning procedure

To remove dust deposited on filter, use a vacuum cleaner. If it is very dirty, soak in lukewarm water and rinse thoroughly. The temperature of the water must be kept below 40°C (104F). After washing, leave filter to dry before replacing.

END OF SEASON OPERATIONS

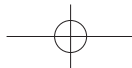
- 1) Disconnect the ON/OFF switch, removing the plug from the power socket.
- 2) Remove the cap from the drainage tube and empty the water from the internal condensation tray.
- 3) Clean the filter and dry it carefully before replacing.
- 4) Cover the appliance with a plastic bag to protect it from dust.



TROUBLESHOOTING

Most malfunctions are caused by a very minor and easily solved problem. Before contacting your nearest authorized Service Center for assistance, consult the troubleshooting chart below.

SYMPTOMS	CAUSE	SOLUTION
The Pinguino does not function:	<ul style="list-style-type: none"> - power failure - the appliance is not plugged in - the notches on TIMER dial have not been set - switch is off - the alarm warning light is on: the safety float has been enabled because the collecting tray inside the unit is too full 	<ul style="list-style-type: none"> - wait - connect plug - either push notches out or disable timer - turn main switch on - drain water using the drainage tube supplied, see page 5. If problem persists, contact Service Center
The air-conditioner functions for a brief period only	<ul style="list-style-type: none"> - thermostat has been activated - exhaust hose to outside blocked - fan blocked 	<ul style="list-style-type: none"> - turn knob counter-clockwise - remove obstacle - contact Service Center
The appliance switches on and off constantly		<ul style="list-style-type: none"> - switch off and contact Service Center
The air-conditioner functions but the room is not cooled	<ul style="list-style-type: none"> - window open - source of heat in room (heater, lamp, etc.) or room is overcrowded - thermostat regulated too high - air filter clogged - the capacity of the conditioner is not adequate for the size of the room 	<ul style="list-style-type: none"> - close window - remove heat source - lower thermostat setting - clean filter



FOR UNITED STATES ONLY:**DeLonghi****LIMITED WARRANTY**

We warrant each DE'LONGHI AIR-CONDITIONER to be free from defects in material and workmanship. Our obligation under this warranty is to provide one year parts and labor free from purchase date, with an additional four (4) years on any part of the sealed system consisting of the compressor, evaporator, condenser and factory connected refrigerant tubing. This warranty shall apply only if the AIR-CONDITIONER is used in accordance with the factory directions which accompany it, and on Alternating Current (AC) circuit. This warranty is in lieu of all other warranties and representations, expressed or implied, and all other obligations or liabilities on our part. We do not authorize any other person or company to assume for us any liability in connection with the sale or use of our AIR-CONDITIONER. This warranty shall not apply to assume for us any liability in connection with the sale or use of our AIR-CONDITIONER. This warranty shall not apply to any AIR-CONDITIONER which shall have been repaired or altered outside our factory nor shall it apply to any AIR-CONDITIONER which has been subjected to misuse, negligence or accidents. If repairs become necessary or spare parts are needed, please write to:

SERVICE
PH. N° 1-800-322-3848

DE'LONGHI AMERICA INC.
 Park 80 West Plaza One, 4th floor
SADDLE BROOK NJ 07663

DeLonghi**GARANTIE**

Nous garantissons que tous les appareils électriques DE'LONGHI sont exempts de tout défaut de matériaux et de manufacture. Notre obligation sous cette garantie est limitée au remplacement ou à la réparation, gratuit en notre usine, de toutes les pièces défectueuses autres que les pièces endommagées durant le transport, qui nous seront retournées - transport payé d'avance - endéans un an après la livraison à l'acheteur-utilisateur. Cette garantie ne sera applicable que si l'appareil a été utilisé selon les instructions du fabricant qui accompagnent l'appareil, et sur courant alternatif (AC). Cette garantie remplace toutes autres garanties et représentations, exprimées ou impliquées, et toutes autres obligations ou responsabilités de notre part. Nous n'autorisons aucune autre personne ou compagnie à assumer pour nous une quelconque responsabilité en relation avec la vente ou l'utilisation de nos appareils. Cette garantie ne s'appliquera ni aux appareils qui seront réparés ou endommagés hors de notre usine, ni aux appareils qui auront été sujets à une mauvaise utilisation, à une négligence ou à un accident.

Si des réparations ou des pièces de rechange sont nécessaires, vous êtes priés d'écrire à:

SERVICE
PH. N° 1-800-322-3848

DE'LONGHI AMERICA INC.
 Park 80 West Plaza One, 4th floor
SADDLE BROOK NJ 07663