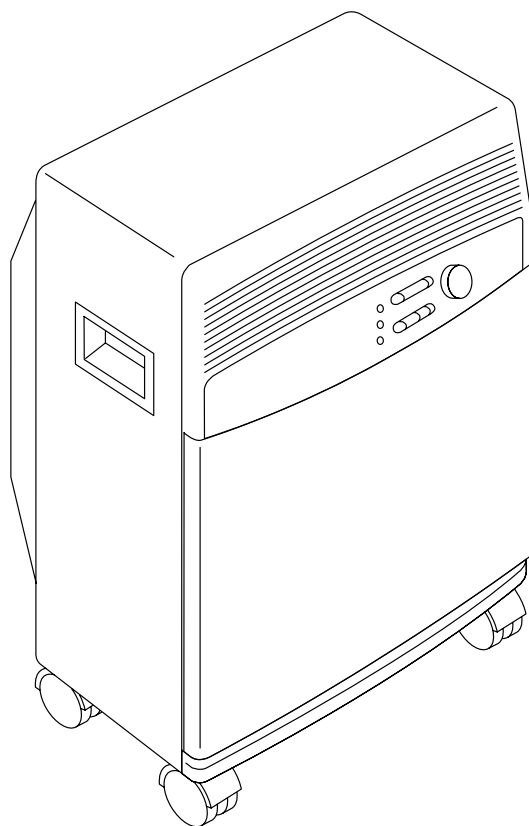


OWNERS' MANUAL



PAC 220 U Portable Windowless Air-Conditioner



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.
- Wait at least 3 minutes before restarting, after the air-conditioner has been switched off or the thermostat setting changed.
- Before moving the air-conditioner, empty water from collection tray (see instructions for drainage at page 13).
- Do not place hot or heavy objects on the appliance.
- Clean air filter every week (see instructions at page 13).
- **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

Dear user,

We thank you for purchasing the Pinguino air-conditioner and congratulate you on your wise choice.

For optimal results please read this manual carefully before installing or operating.

We know that the Pinguino will maintain your environment pleasingly comfortable at all times.

With best wishes

De Longhi S.p.A.

If you have any questions about the operation or service of your Pinguino, please call our toll-free service number 1-800-322-3848.

*or visit our internet site **www.delonghiusa.com**
to general overlook of De Longhi visit
www.delonghi.com*

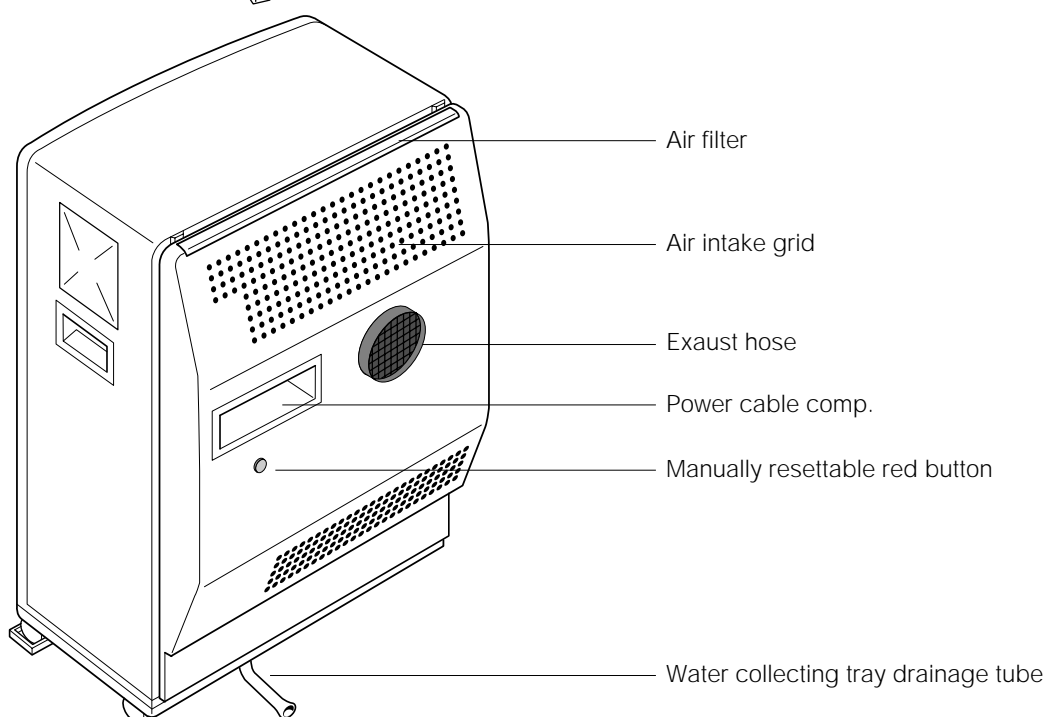
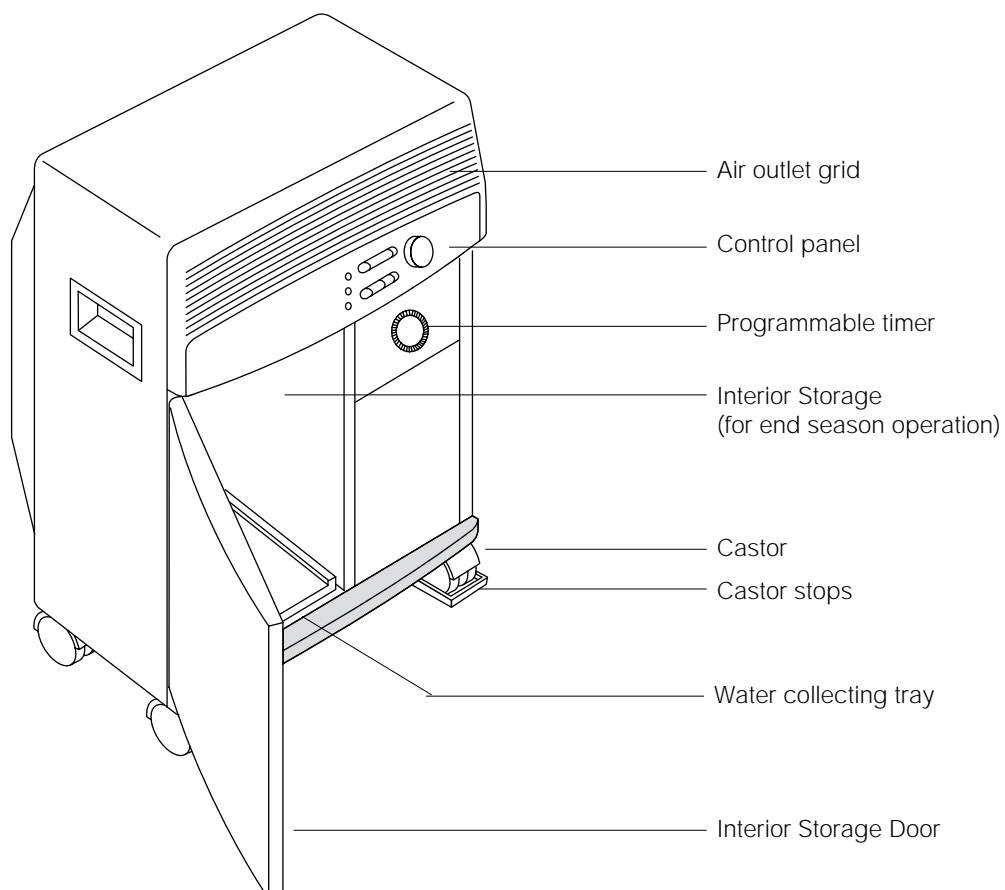
SPECIFICATIONS		
Power supply voltage	V	see rating label
Frequency	Hz	60
Cooling capacity: (*)		see rating label
Fan speeds		2
Max. air flow capacity	cfm	212
Dehumidification quotient (*)		see rating label
Dimensions:	width ins. (mm) height ins. (mm) depth ins. (mm)	22.06" (560) 28.96" (735) 15.37" (390)
Net weight	lb. (kg)	97 (44)
*Data according to pending standard testing procedures subject to review by the U.S. Dept. of Energy.		

A HE (high efficiency) system with low energy consumption has been installed on this appliance. Such system needs about 4 minutes, once the appliance has been started, to produce cold air.

OPTIMUM OPERATING RANGE





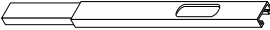

ROOM TEMPERATURE		70°F - 90°F
ROOM HUMIDITY FACTOR		50% - 80% RH
POWER SUPPLY	FREQUENCY	60 HZ
	VOLTAGE	115V

ILLUSTRATED MAIN FEATURES LIST



ILLUSTRATED ACCESSORY LIST

Table 1

	DESCRIPTION	SUPPLIED
	Exhaust hose	1
	Stopper + flange	1
	Caster stop	2
	Window nozzle	1
	Adjustable window bracket	1
	Suction disc	2

PERMANENT INSTALLATION

The Pinguino accessories include one set of flange and stopper, to be mounted in different locations (two different rooms). Once installed, these vents (flanges) are the only items needed for using Pinguino.

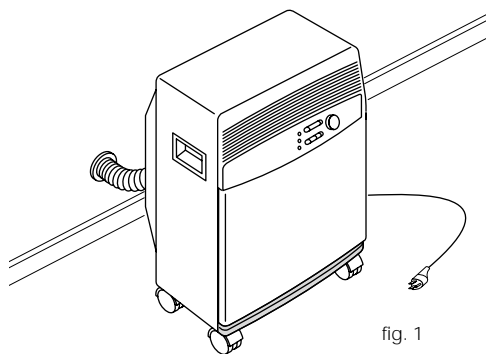


fig. 1

Permanent installation outlet holes must be in an exterior wall and opening diameter should not exceed 3¹/₂.

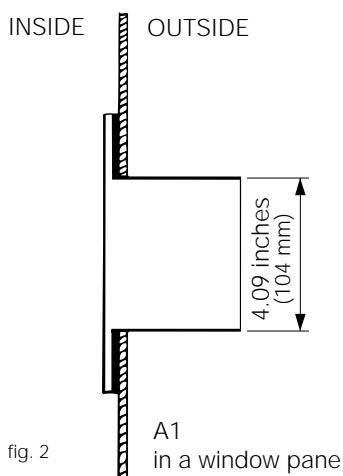


fig. 2

A1
in a window pane

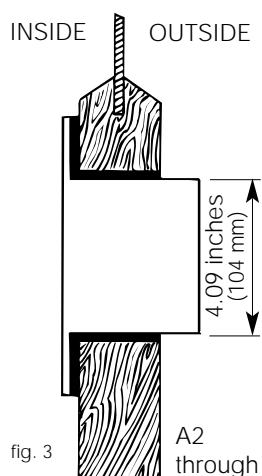


fig. 3

A2
through the wooden base-section
of a door or window

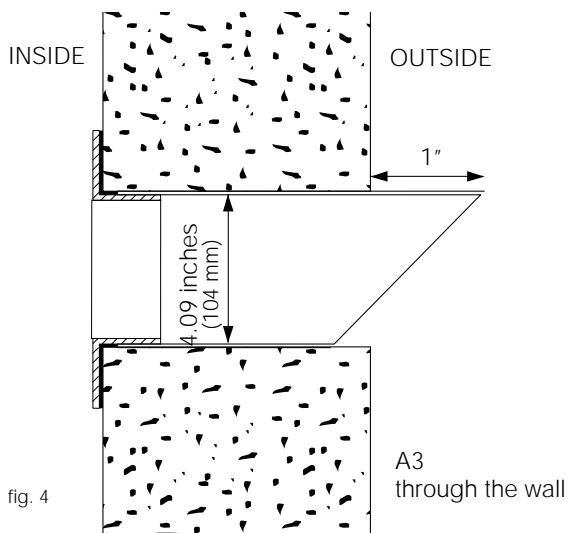


fig. 4

A3
through the wall

In case of fixed installation, air discharged from rear hose has been extracted from the room where the appliance is installed. Check that the room (especially if small) is not "air-tight"; a drop in pressure would cause irregular functioning, which could consequently activate reset switch. Air entering through door and window cracks is normally sufficient. If deemed necessary, leave a door ajar (approx. 1 cm is enough).

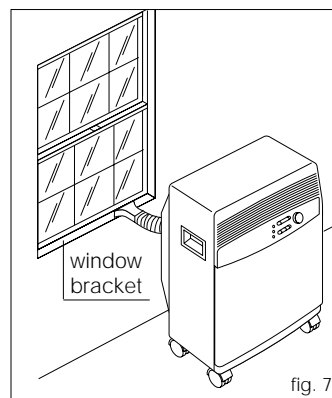
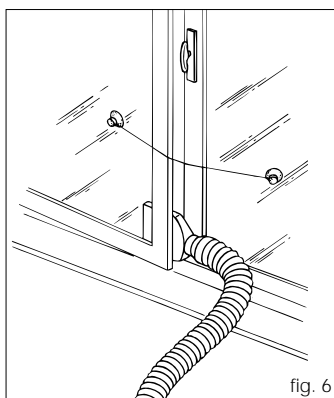
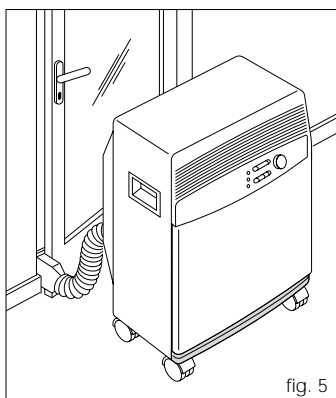
TEMPORARY INSTALLATION

Note: In both cases (permanent and temporary installations) make sure that the Pinguino is positioned on level ground. If necessary use the two caster stops for the front casters

This installation makes it easy to use Pinguino in any room, provided there is a window or a door: it allows you to use the Pinguino immediately.

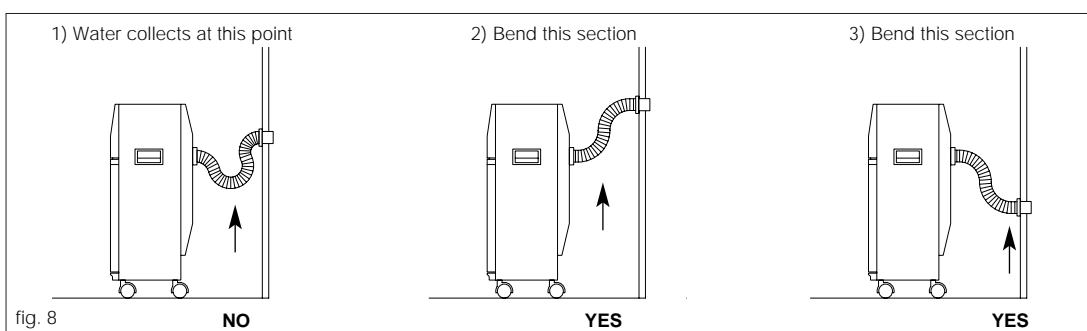
Suction discs may be used to keep window or door closed.

Pinguino is equipped with an adjustable window bracket. If you have a sash window, place the bracket on the window sill, extend the bracket fully within the window frame and lower the window onto the bracket. Insert the nozzle of the exhaust hose into the slot, then connect the hose to the air conditioner.



SET UP INSTRUCTION

For permanent installation place the Pinguino near the outlet opening in wall or window (where it is meant to be used). The diagram below shows the correct way to install the exhaust hose.



ELECTRICAL CONNECTION

Check that the power supply voltage is 115 V ~ 60 Hz.

Important: if you need to use an extension cord, please be sure to use a **heavy duty** extension cord (minimum 14 gauge).

Before connecting the Pinguino to power supply, make sure that all switches on the front control panel are in the OFF position.

Connect power cord found in storage compartment at rear of the Pinguino.

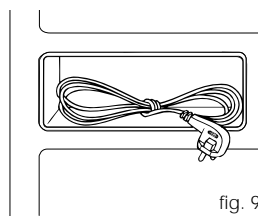


fig. 9

FINAL CHECK

In order to obtain the maximum performance from your air-conditioner make sure that:

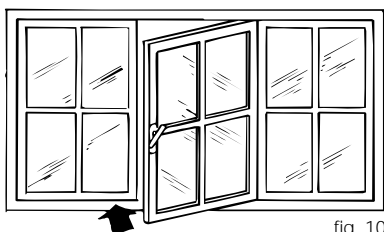


fig. 10

- Doors and windows of room to be air-conditioned are closed (with the exception of temporary installation where a partially opened window is necessary).

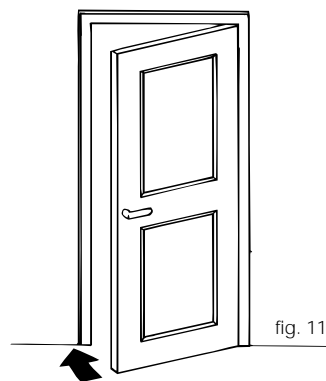


fig. 11

- Close the door.

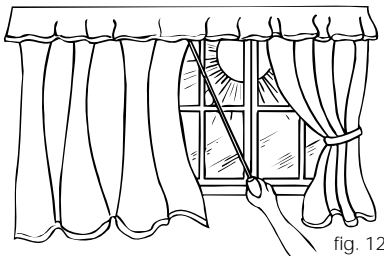


fig. 12

- Shade the room as far as possible from direct sunlight by drawing curtains and/or lowering blinds or shutters, for economical and efficient air-cooling.

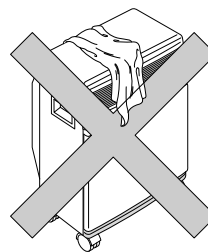
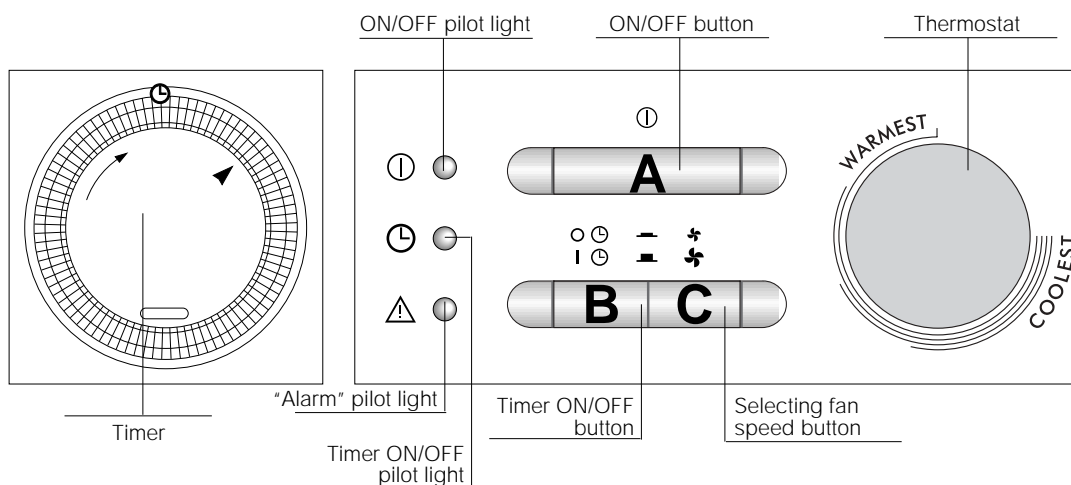


fig. 13

- Ensure that intake and outlet vents (fig. 2 and 3) are not blocked.
- Make sure there are no sources of heat in the room.

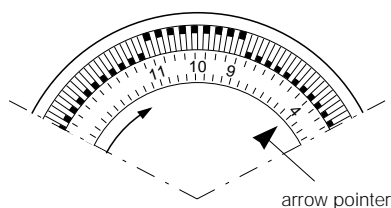
In order to avoid noise and vibrations, please make sure the interior storage is empty when the unit is working.

DESCRIPTION OF PINGUINO PAC 220 U CONTROLS



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 is lined up with the arrow pointer (the arrows indicates 4:00 p.m. approximately).




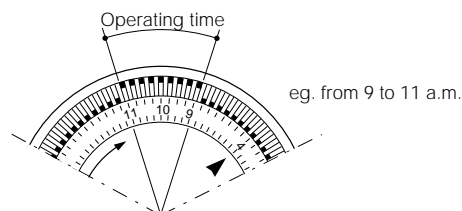
Note: Never turn the dial in an anti-clockwise direction

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 reset.

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

PROGRAMMED MODE

- 1) Release B timer button. 
- 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.

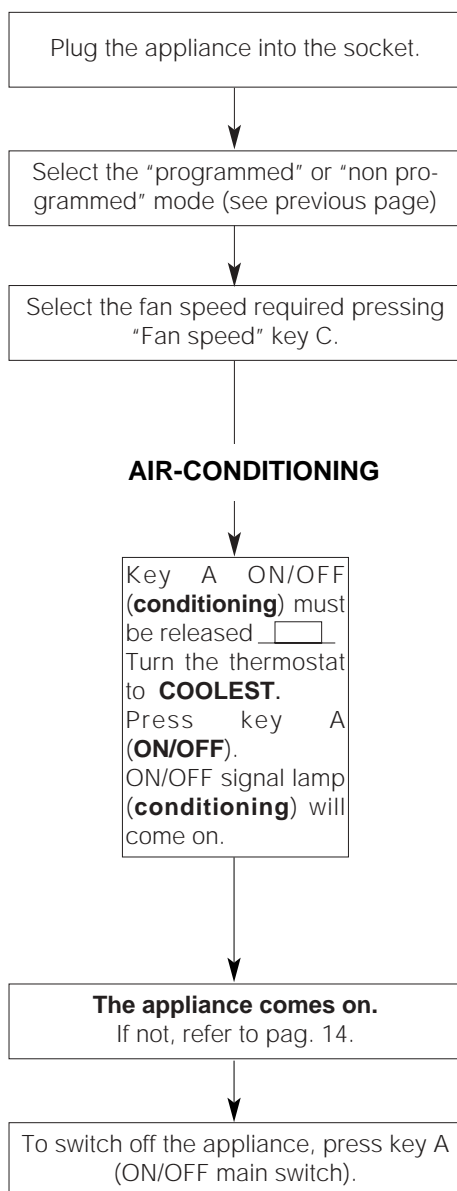
The unit will now switch on and off each day at the selected times.

Note: To override the programmed operating times, simply press the ON/OFF 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 CONDITIONER (see control panel on the previous page)



Note: For technical reasons, the temperature is not expressed in degrees but by a line increasing in thickness. We therefore recommend that when starting up the appliance, the thermostat be turned to maximum (thick green line = maximum cold). When the desired temperature has been reached, turn the thermostat slowly away from the maximum cooling position until the appliance switches off. Leave the thermostat in this position. The air-conditioner is now programmed to maintain the exact temperature at all times.

This unit is equipped with high-efficiency rotary type compressor. In order to grant best performance, please allow 3 to 5 minutes before it starts.

MAINTENANCE

PRECAUTIONS

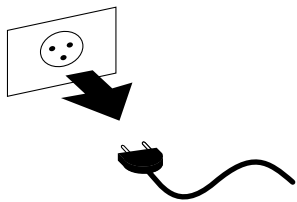


fig. 14

During cleaning and normal maintenance operations remember to disconnect plug.

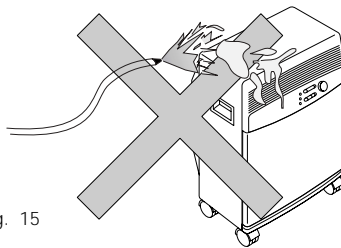


fig. 15

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

CLEANING OF EXTERNAL HOUSING

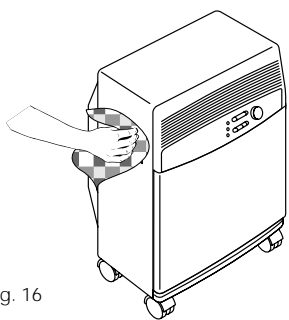


fig. 16

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

Use only mild soap and water.
Do not use chemical cleaners.

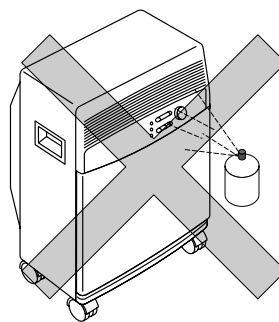
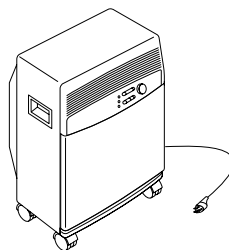


fig. 17

CONTROLS AT THE BEGINNING OF THE SEASON



Carefully follow installation procedure.



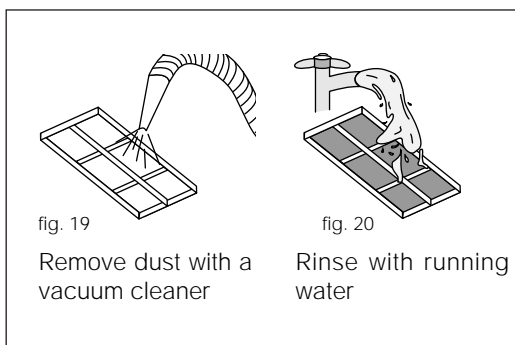
Check for any defects in power cord and plug.

fig. 18

AIR FILTER CLEANING

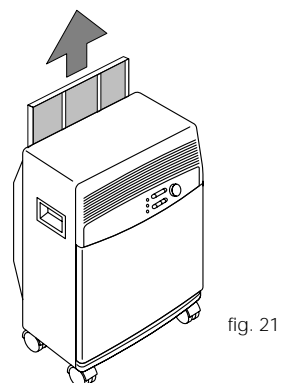
Maintenance of air filter

A clogged air filter reduces the quantity of circulating air and the efficiency of the appliance. Clean filter every week using a vacuum cleaner.



Removal and replacement of air filter

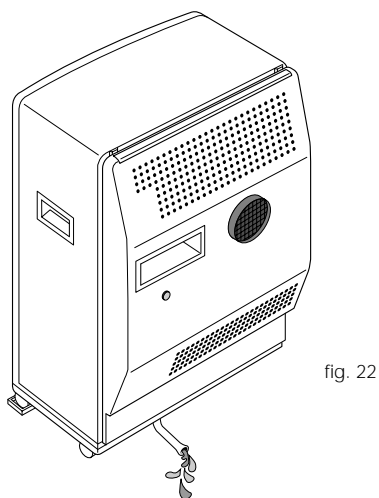
Gently pull filter upwards.
Push down to replace.



Cleaning procedure

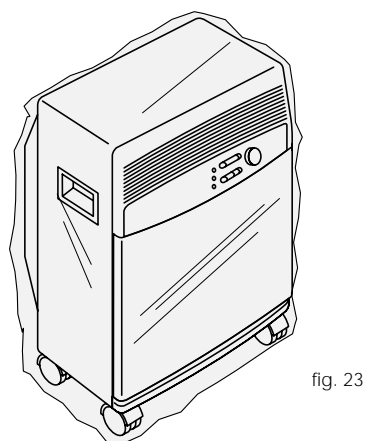
To remove dust deposited on filter, use a vacuum cleaner. If it is very dirty, soak in lukewarm water and rinse thoroughly. The temperature of the water must be kept below 104°F. After washing, leave filter to dry before replacing.

END OF SEASON OPERATIONS



- 1) Disconnect plug.
- 2) Remove bung from drainage tube to empty water collecting tray.
- 3) Remove exhaust hose.
- 4) Clean filter and dry well before replacing.

- 5) Cover appliance with a polyethylene bag to prevent dust from entering. You can use the polyethylene bag included in the packaging.
- 6) Storage all accessories in the interior storage (excluded window bracket).



TROUBLESHOOTING

SYMPTOMS	CAUSE	SOLUTION
The Pinguino does not function:	<ul style="list-style-type: none">- power failure- plug is disconnected- ON/OFF switch is off- Timer button is in STOP position	<ul style="list-style-type: none">- insert plug- switch on- release the TIMER key
The Pinguino does not function - function fault warning light is on (pag. 10 - "Alarm" light) After correcting problem, press reset button (see pag. 5)	<ul style="list-style-type: none">- exhaust hose blocked- exhaust hose twisted or bent- ventilation holes on the rear of the machine or front louvers blocked	<ul style="list-style-type: none">- Check for obstruction of air outlet vent- eliminate irregularities- remove obstacles to allow proper airflow
The Pinguino produces cold air but room does not maintain comfortable temperature:	<ul style="list-style-type: none">- window open- air exhaust hose has become disconnected- thermostat set too low- air filter blocked	<ul style="list-style-type: none">- close window- re-insert exhaust hose- set thermostat to higher number- clean filter

SERVICING

In case of malfunction turn off and disconnect the Pinguino from power outlet and contact our Service Center for qualified assistance, toll-free number 1-800-322-3848.

FOR THE U.S. 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