

Dear Sir/Madam

We thank you for purchasing this Pinguino appliance and congratulate you on your wise choice.

Please make the time and effort to read this manual carefully.

Becoming familiar with the Pinguino is an essential step if you are to benefit fully from its exceptional qualities, during both installation and actual use.

We hope that the Pinguino will become a welcome friend this summer, a source of comfort and refreshment.

*Best wishes
De Longhi S.p.A.*

TECHNICAL DATA

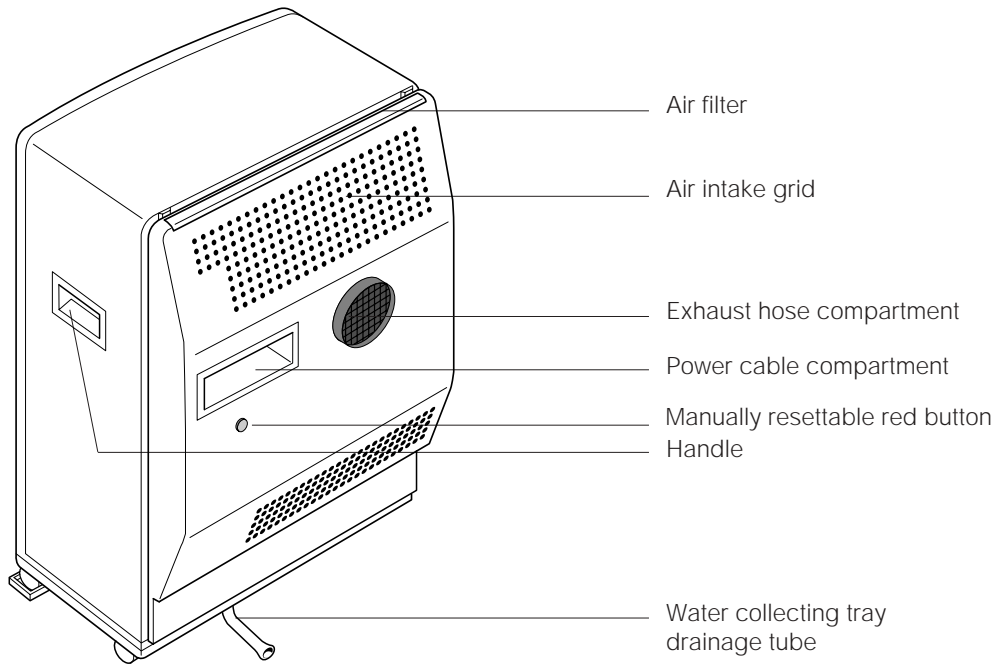
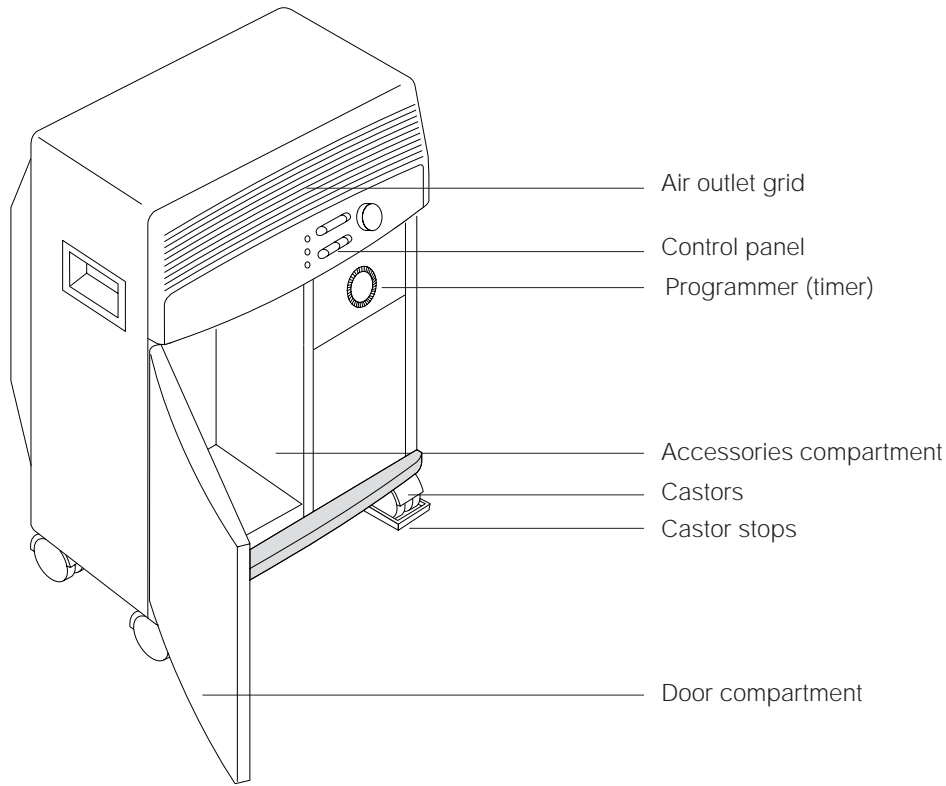
Power supply voltage	(V)	230 V ~
Frequency	(Hz)	50
Electric power consumption	(A)	see rating label
Max.power consumption (air-condit.mode) (W)		see rating label
Cooling capacity	(Frig/h, W, Btu/h)	see rating label
Timer		24 h
Dimensions: width	(mm)	560
height		735
depth		390
Net weight	(kg)	44
Technical data subject to change without prior notice		

IDEAL OPERATING CONDITIONS

Tab.2






ROOM TEMPERATURE		21 ÷ 37°C
ROOM HUMIDITY FACTOR		BELOW 80%
POWER SUPPLY	FREQUENCY	50 Hz
	VOLTAGE	230 V ~

DESCRIPTION OF MAIN FEATURES



DESCRIPTION OF ACCESSORIES

Tab. 3

	DESCRIPTION	PARTS SUPPLIED
	Exhaust hose	1
	Stopper + flange	1
	Castor stop	2
	Window nozzle	1
	Suction cup set	1

Your air-conditioner is portable and versatile: it can be used as a **permanent installation** or wise easily moved from one room to another.

AIR CONDITIONING WITH INSTALLATION

When installed permanently, all air discharged from the rear hose is extracted from the room in which the appliance is installed.

The appliance must be fitted at least 30 cm. from the surrounding walls.

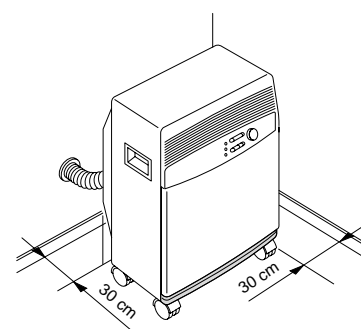
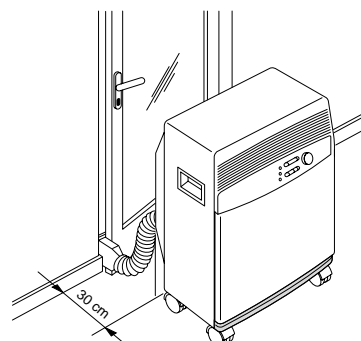
Note: When the unit is installed semi-permanently, we recommended leaving a door slightly open (1 cm is enough) to ensure an adequate exchange of air.

AIR-CONDITIONING WITHOUT INSTALLATION

Air-conditioning without installation can be used in any room with a window or french window; this "temporary" installation can be used at any time.

Note.: In either case, check that the unit is resting on at "**perfectly level**" surface. If necessary, use the 2 castor stops for the front castors.

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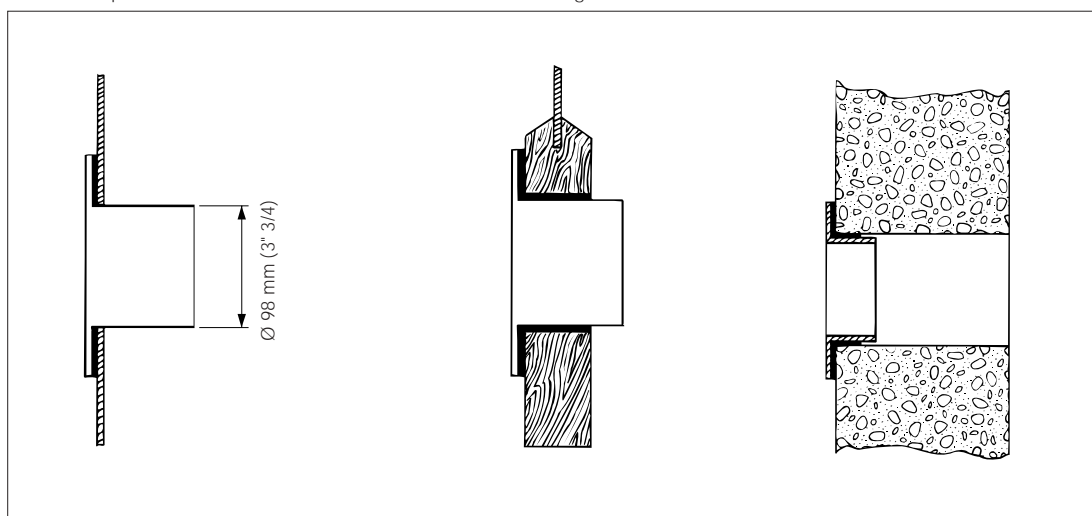
Permanent installation

The outlet holes must be connected to the outside of the building and cannot be made in any wall or panel.

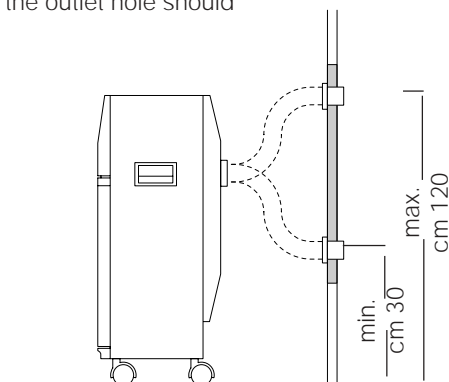
A1
in a window pane

A2 through the wooden
base-section of a glass door

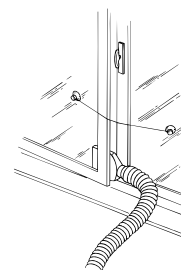
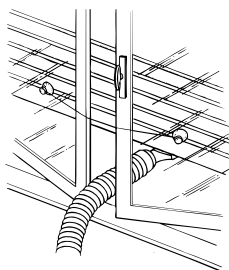
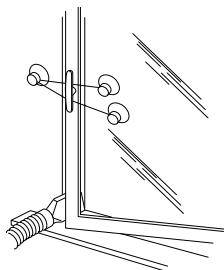
A3
in the wall



Height of outlet:
within the range indicated by the dotted line in the figure below.
When the unit is not in use, the outlet hole should
It is advisable :



- to keep the outlet free of any obstruction;
- to lower the blind partially, without obstructing the outlet, thereby reducing exposure to direct sunlight and indoor/outdoor air exchange.



ELECTRICAL CONNECTIONS

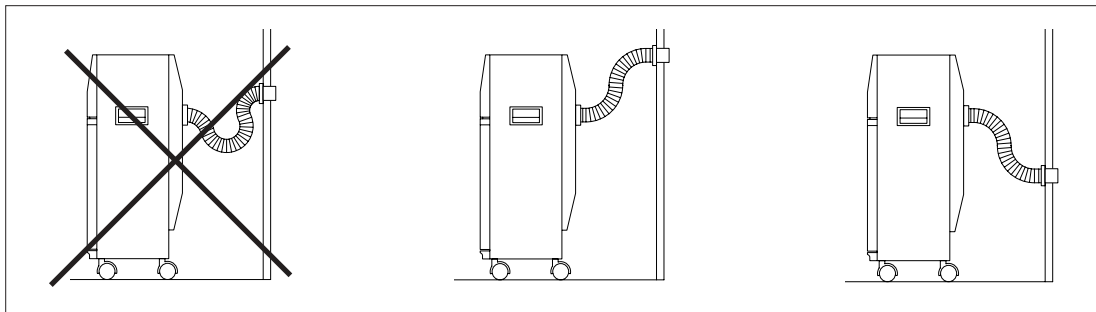
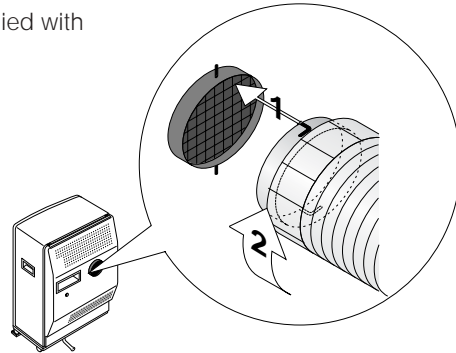
- The mains supply, suitable for domestic electrical appliances, must correspond to the power requirements of the air conditioner.
- Check that the power supply voltage is: 230 V-50 Hz
- Check that the mains socket is correctly earthed.

Note: In the case that the power cable becomes damaged, this must be substituted only by specialised personnel authorised by the manufacturer.

THIS APPLIANCE IS MANUFACTURED TO COMPLY WITH THE RADIO INTERFERENCE REQUIREMENTS PROVIDED BY COUNCIL DIRECTIVE EN 55014.

PREPARING THE UNIT FOR USE

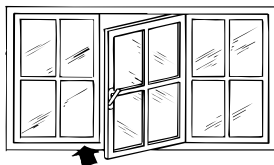
- 1) Fit the exhaust tube in place; if your conditioner is supplied with a bayonet tube, it is fitted as illustrated in the diagram.
- 2) For permanent installation, place the appliance near the wall or window outlet. Make sure it is standing on a level surface and fit the special shock absorbers/castor stops underneath the castors.
- 3) The exhaust hose can be compressed or extended between 500 mm. and 1400 mm., but is best used at minimum length. **Never stretch the hose** in the installation instructions.



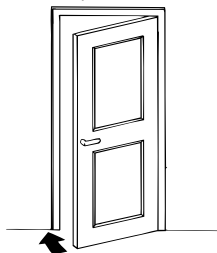
FINAL CHECK

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

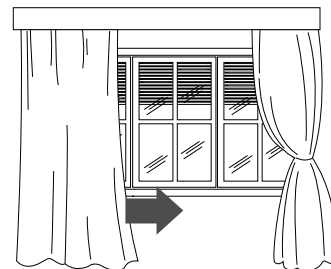
- doors and windows in the room to be air-conditioned are closed (except for temporary installation, in which case a window must be left partially open).
- the room is well shaded from direct sunlight by drawing curtains and/or partially lowering blinds or shutters, to avoid excessive energy consumption



CLOSE THE WINDOWS

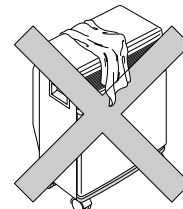


CLOSE THE DOORS



DRAW THE CURTAIN
SLOWER THE BLINDS

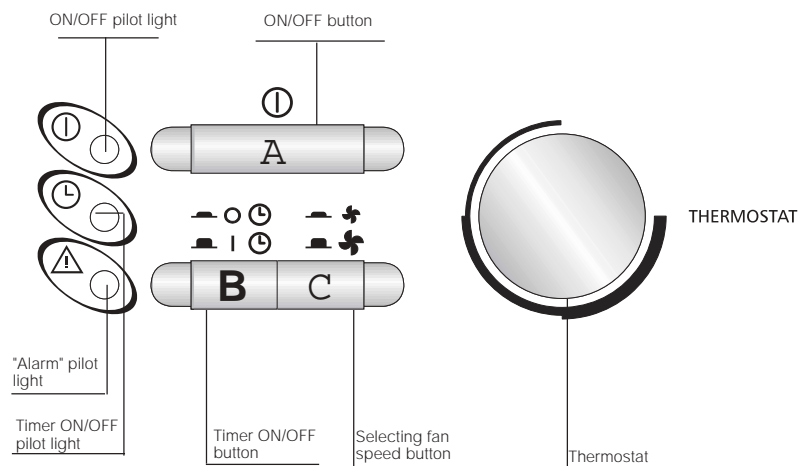
- the intake and outlet vents are free of any obstruction at all times
- there are no sources of heat in the room.



DO NOT COVER

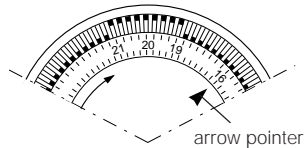
THE AIR-CONDITIONER IS NOW READY FOR USE, so let's now take a look at the controls.

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 pm. (16.00), turn the dial in a clockwise direction (following the direction of the arrow) until the number 16 is lined up with the triangular pointer (the arrows indicates 4:00 P.M. approximately).



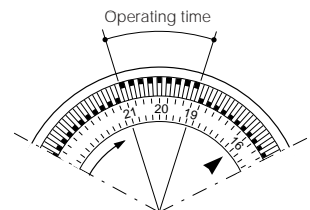
Note: Never turn the dial in an anti-clockwise direction!

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 re-set.

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.

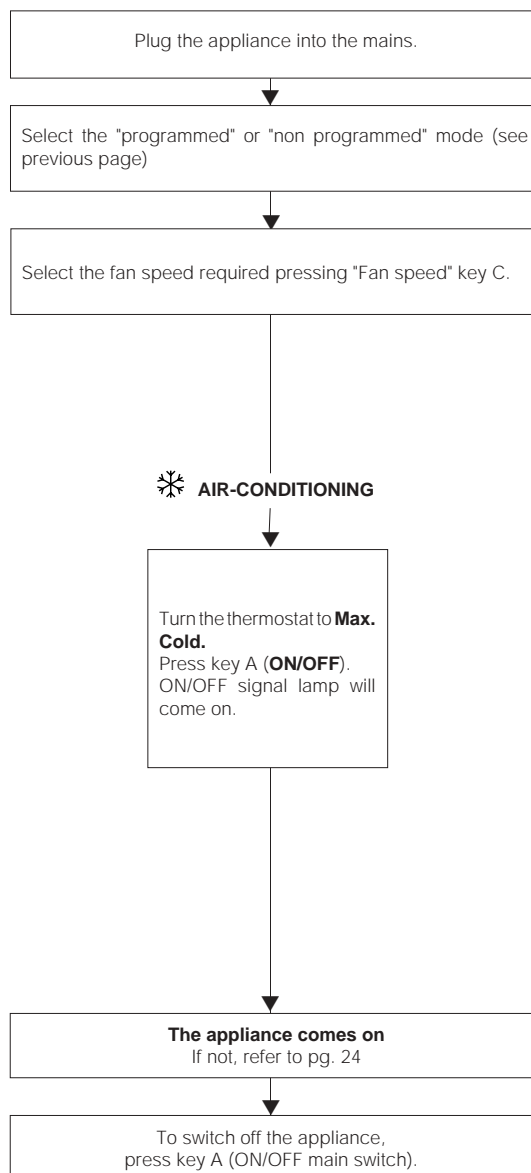
Note: To override the programmed operating times, simply press the ON/OFF key.

NON-PROGRAMMED MODE

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

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 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.

HOW TO START UP THE CONDITIONER (see control panel on the opposite page)



After switching the appliance off, wait at least 3 min. before switching on again.

SPECIAL PRECAUTIONS

- In hard water areas, it is advisable to use a solution to reduce calcium deposit. This liquid can be obtained on request from Serce Centres.
- If the power supply cable is replaced, use only type HO5VV-F, 3x1 mm² diameter cables.
- Never pull the power lead when moving the appliance.
- Ensure that the outdoor end of the exhaust hose is kept obstruction free.
- Avoid using the air-conditioner in oily or sulphurous atmospheres or near sources of heat.
- Before moving the air-conditioner, empty the water from the collecting tray through the drainage tube.
- Never place hot or heavy objects on the appliance.
- Clean the air filter once a week.
- Avoid the use of extension leads. If it is necessary to lengthen the power lead, consult a qualified electrician.
- **Transport by car.** If it is not possible to transport the appliance in an upright position, then either lay it on its right side or on its back, protecting the air outlet with a piece of cardboard or polystyrene and first removing the exhaust hose.
- Do not store the unit in rooms or spaces measuring less than 15m³.

SERVICING

PRECAUTIONS: during cleaning and normal maintenance operations, remember to disconnect the plug. Under no circumstances should the appliance be washed with running water. Damage could be caused to the electrical circuit.

AIR-FILTER CLEANING

- A clogged air filter reduces air circulation and the efficiency of the appliance. Clean the filter once a week.
- To remove the filter, pull it up gently. Push down to replace.
- Use a vacuum cleaner to remove dust deposited on the filter. If it is very dirty, soak it in lukewarm water and rinse thoroughly. The temperature of the water must be kept below 40°C. After washing, leave the filter to dry before replacing.

CLEANING EXTERNAL HOUSING

Clean with a damp cloth and rub over with a clean dry cloth.

PRECAUTIONS: never use petrol, oil or similar solvents for cleaning. Never spray insecticides or similar liquids. Serious damage may result to paintwork and plastic.

DRAINING THE RESIDUAL WATER

After a prolonged use, at the end of the season drain the residual water from the appliance as follows:

- 1) Switch off the appliance and disconnect the plug;
- 2) Remove the plug from the drainage tube situated at the back of the appliance (see pag.19) and empty the water into a bowl;
- 3) Once the container has been fully drained, replace the plug;

CONTROLS AT BEGINNING OF SEASON

Check the condition of the power lead and socket.

Make sure that the appliance has been properly earthed and that the wire is not broken or loose.

Follow all installation procedures with maximum attention.

END OF SEASON OPERATIONS

- 1) Empty the water collecting tray.
- 2) Let the fan run for about half an hour to dry the inside of the air-conditioner
- 3) Switch off the unit and disconnect the plug from the power supply.
- 4) Remove the exhaust hose
- 5) Clean the filter and dry well before replacing
- 6) **Never cover the unit with bags when stored or not in use.**
- 7) **Do not store the unit in rooms or spaces measuring less than 15m³.**

TROUBLESHOOTING

PROBLEM	CAUSE	REMEDY
The air-conditioner does not work	<ul style="list-style-type: none"> • power failure • plug is disconnected • TIMER key is in STOP position • the notches on TIMER dial have not been set • ON/OFF button is off 	<ul style="list-style-type: none"> • wait • connect plug • release the TIMER key • push teeth outwards • switch on
Ventilation only functions	<ul style="list-style-type: none"> • reset switch has activated ("Alarm" pilot lamp comes on) • thermostat has activated 	<ul style="list-style-type: none"> • press red button • to make room cooler rotate thermostat counter-clockwise
The appliance functions for only brief periods because reset switch activates	<ul style="list-style-type: none"> • water condensing in exhaust hose has created a syphon • exhaust hose blocked • exhaust hose twisted or bent • condensator ventilator does not function • tube condenser is encrusted • fin condenser is blocked 	<ul style="list-style-type: none"> • drain water out and eliminate syphon on the exhaust hose • check for obstruction of air outlet • eliminate irregularities • call Service Centre • call Service Centre to clean condensers
The mains switch switches OFF		<ul style="list-style-type: none"> • switch off the appliance and call Service Centre
The appliance does not cool the environment sufficiently	<ul style="list-style-type: none"> • window open • source of heat in room (heater, lamp etc.) • room is overcrowded with people • air exhaust hose has become disconnected • thermostat regulated too high • air filter blocked 	<ul style="list-style-type: none"> • close window • re-insert exhaust hose • lower thermostat setting • clean filter