

Warnings

- This appliance is designed for home air conditioning and must not be used for other purposes.
- It is dangerous to modify or alter the characteristics of the appliance in any way.
- The appliance must be installed in conformity with legislation in force in the country concerned.
- If the appliance requires repair, contact a Service Centre authorised by the manufacturer only. Repairs carried out by unauthorised personnel may be dangerous.
- If the power cable is damaged, it must be replaced by a qualified professional authorised by the manufacturer only.
- The appliance is not intended for use by young children or infirm persons without supervision. Young children should be supervised to ensure that they do not play with the appliance.
- The appliance must be connected to an efficient earth system. Have your electrical circuit checked by a qualified electrician.
- Do not use extension cables.
- Before cleaning or maintenance operations, always unplug the appliance from the mains socket.
- Do not move the appliance by pulling the power cable.
- Do not install the appliance in rooms containing gas, oil or sulphur. Do not install near sources of heat.
- Do not rest heavy or hot objects on top of the appliance.
- Clean the anti-microbial filters at least once a week.
- Avoid using heating appliances near the air conditioning unit.
- Always transport the appliance upright or resting on one side.
Before transporting the appliance, completely empty the internal circuit of water by turning the function selector to the PUMP position until you hear the gurgling of the pump.
- Use the appliance as described in this instruction manual only. As with all electrical equipment, whilst the instructions aim to cover as many eventualities as possible, caution and common sense should be applied when operating and installing this appliance.
- At the end of its working life, take the appliance to a special collection centre.
- The materials used for packaging can be recycled. You are therefore recommended to dispose of them in special differentiated waste collection containers.
- When putting the appliance away, do not cover with plastic bags.
- R407 is a refrigerant gas conforming to EC environmental regulations. Avoid perforating the refrigerant circuit of the appliance.
- Keep the appliance at least 50 cm away from flammable substances (alcohol etc) or pressurised containers (e.g. aerosol cans).
- If the appliance is used in rooms without adequate ventilation, take the necessary precautions to avoid possible leaks of refrigerant gas stagnating in the atmosphere, creating a fire risk.
- This appliance must be used and kept in rooms with a volume of more than 21 m².
- If an appliance containing flammable refrigerant is used in an unventilated room, make sure the room is suitable and that there is no danger of gas leaks reaching a concentration which could cause fire or explosion in the presence of other heat sources (electrical heating appliances, heaters or similar).

DESCRIPTION

- | | |
|---|---|
| 1 Control panel | 14 Function selector |
| 2 Air outlet grille | 15 Thermostat dial |
| 3 Evaporator air intake grill | 16 Timer |
| 4 Housing for air exhaust hose | 17 Tank full/tank absent light |
| 5 Condenser air intake grill | 18 Alarm light |
| 6 Continuous condensate drain connection | 19 Power on light |
| 7 Condensate tank | 20 Flange cap |
| 8 Power cable | 21 Air exhaust hose |
| 9 Castors | 22 Window outlet |
| 10 Handles | 23 Suckers |
| 11 Air conditioning light | 24 Castor locks |
| 12 Dehumidification light | 25 Continuous drain hose with coupling |
| 13 Fan light | |

What are the Pinguino and SuperPinguino?

During the summer, you feel comfortable at a temperature of between 24 and 27° C with a relative humidity of about 50%.

An air conditioning unit removes excess moisture and heat from the room where it is located.

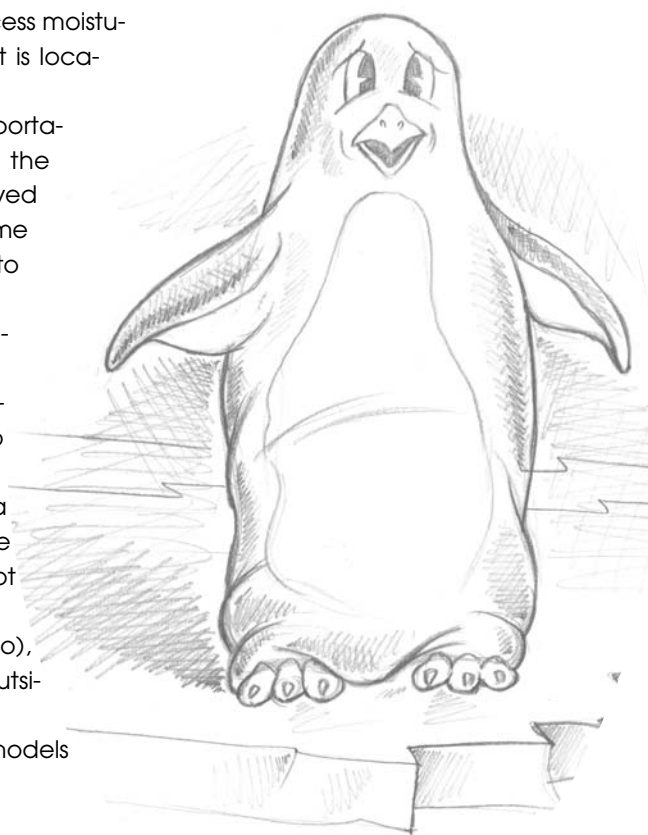
Compared with installed models, portable air conditioning units have the advantage that they can be moved from one room to another in the home or transported from one building to another.

Hot air from the room is passed through a coil cooled by refrigerant gas. Excess heat and moisture are removed before the air is re-emitted into the room.

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

In models with case (SuperPinguino), the circuit is cooled using air from outside.

All Pinguino and SuperPinguino models can also be used in fan-only mode.



Preparing for use

ELECTRICAL CONNECTIONS

Before plugging the appliance into the mains socket, check that:

- the mains power supply corresponds to the value indicated on the rating plate on the back of the appliance;
- the mains socket and electrical circuit are adequate for the appliance;
- the mains socket matches the plug. If this is not the case, have the plug replaced;
- the mains socket is adequately earthed. **Failure to follow these important safety instructions absolves the manufacturer of all liability.**

The power cable must be replaced by a qualified professional only.

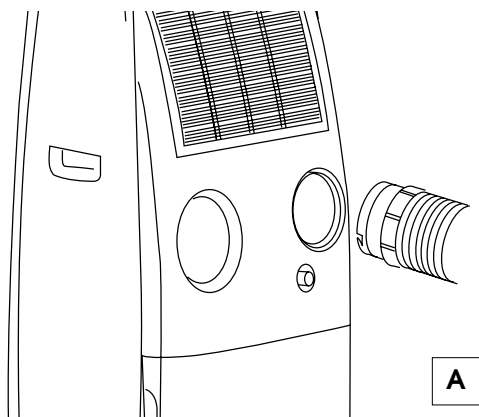
The instructions below will enable you to prepare your air conditioning unit for operation as efficiently as possible.

Before use, make sure the air intake and outlet grilles are unobstructed.

AIR-CONDITIONING WITHOUT INSTALLATION

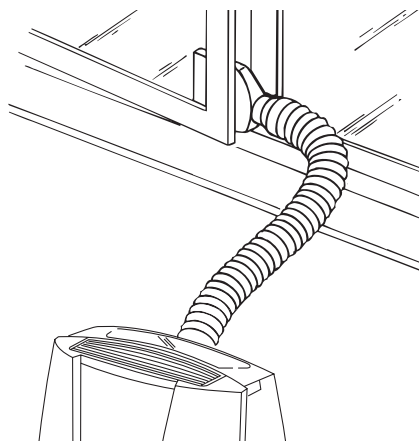
Just a few simple steps and your comfort is ensured with Pinguino:

- Fix the air discharge hose **21** in the housing **4** at the back of the appliance. Insert it as shown in figure **A**.

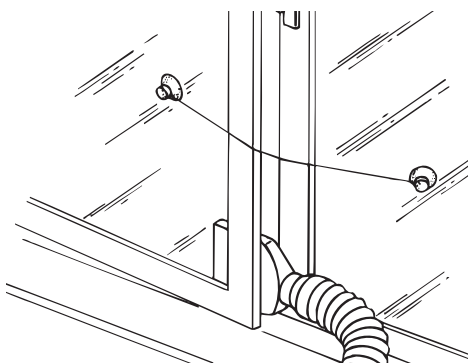


- Fit the window outlet **21** to the end of the hose **22**.
- Place the air conditioning unit near a window or French window.
- Make sure the air exhaust hose is unobstructed.
- Open the window or French window slightly and position the outlet **21** as shown in figure **B**.

Keep air hoses as short and free of curves as possible to avoid constrictions.



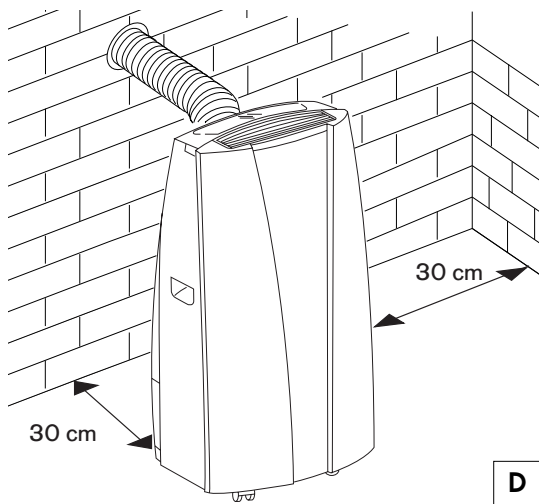
- If you have a double window, use the suckers **23** provided to hold the two parts of the window together (fig. **C**).



Preparing for use

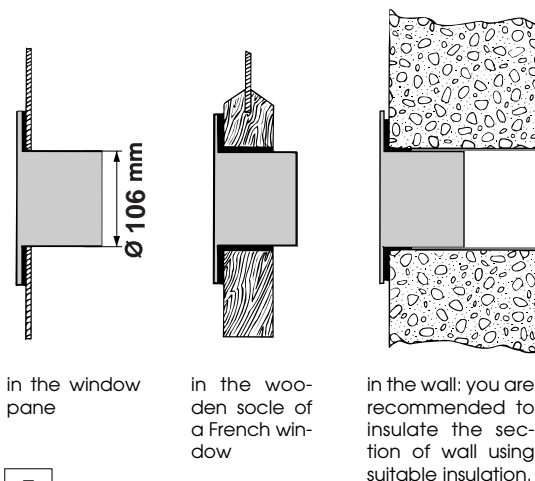
AIR-CONDITIONING WITH INSTALLATION

If required, the Pinguino can also be installed semi-permanently.



Proceed as follows:

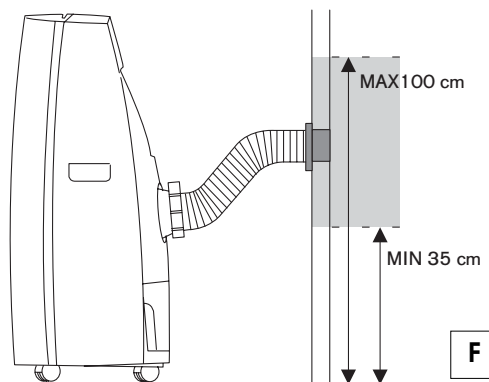
- Drill a hole in an outside wall or through a window pane. Respect the height and dimensions of the hole given in figure E-F.



Keep air hoses as short and free of curves as possible to avoid constrictions.

- Fit the flange accessory [20] provided in the hole

- Attach the hose [21] to the special housing in the back of the appliance (fig. A page 16).
- Fit the end of the hose [21] to the flange [20] as shown in fig. F.



Whenever the hose [21] is not fitted, the hole can be closed with the flange cap [20].

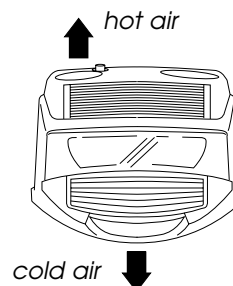
Note:

When installing the air conditioning unit semi-permanently, you should leave a door slightly open (as little as 1 cm) to guarantee correct ventilation.

DEHUMIDIFYING

Place the appliance in the room without fitting the hose. The dehumidified air will thus be released directly into the atmosphere. Cold air will come out of the front grill and hot air from the back grill (fig. G), thus guaranteeing efficient dehumidifying.

In addition to the air exhaust hose [21], a second hose is available as an accessory to take air from outside rather than inside the room.





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Turning on and selecting the functions

HOW TO USE AS AN AIR CONDITIONER

When the air conditioning unit is off, the function selector is in the "○" position. To use the unit in air conditioning mode, proceed as follows:

1. Turn the function selector knob clockwise:
 - When the large crystal symbol  is lined up with the reference mark on the appliance, the unit will operate in air conditioning mode at maximum fan speed.
 - When the small crystal symbol  is lined up with the reference mark on the appliance, the unit will operate in air conditioning mode at minimum fan speed.
2. Choose the required temperature by turning the room thermostat dial.


Note


The temperature is not indicated in degrees. We therefore suggest you turn the room thermostat dial to the maximum cold position. When the temperature in the room is comfortable, turn the thermostat **slowly** anticlockwise until the thermostat trips and turns the air conditioning off.

This will programme the appliance to the exact level of comfort which will then be automatically maintained by the thermostat, at the same time guaranteeing considerable energy savings. Whenever the air conditioner reaches the required temperature, it continues to operate in fan only mode.



THIS APPLIANCE USES AN EXCLUSIVE CONDENSATE RECYCLING SYSTEM TO ELIMINATE EXCESS MOISTURE.

IN NORMAL CONDITIONS, CONDENSATE IS ELIMINATED AUTOMATICALLY.

WHEN HUMIDITY IS HIGH, THERE MAY BE EXCESS CONDENSATE IN THE TANK. INDICATOR LIGHT  17 COMES ON AND YOU SHOULD EMPTY THE TANK.


MAKE SURE YOU PUT THE TANK BACK CORRECTLY OR INDICATOR LIGHT  17 WILL REMAIN ON.

HOW TO USE AS A FAN


If you want to use the appliance as a fan only, turn the function selector  14 anticlockwise to the  symbol.

HOW TO USE AS A DEHUMIDIFIER

When the appliance is operating in air conditioning mode, it automatically reduces excess moisture in the air, while at the same time lowering room temperature.

If you want to remove excess moisture without lowering the temperature, remove the air exhaust hose and turn the function selector anticlockwise to the  symbol.

Note

In dehumidifying mode, the air coming out of the air discharge grill is colder than the air in the room while the air coming out of the hose housing  4 at the back of the appliance is hotter.

Mode selection/indicator lights

TURNING THE APPLIANCE OFF

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

THERE MAY BE A SLIGHT DELAY BETWEEN TURNING THE SELECTOR AND START-UP OF THE MODE SELECTED.

OPERATING INDICATOR LIGHTS

The lights indicate operation of the unit.

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MODE	INDICATOR LIGHT ✕ 11	INDICATOR LIGHT ♠ 12	INDICATOR LIGHT ♣ 13
OFF	-	-	-
AIR CONDITIONING	on*	off	off
DEHUMIDIFYING	off	on**	off
FAN	-	-	on

* The light comes on three minutes after the appliance has been turned on (when the compressor starts operating). It goes off when the temperature set by the thermostat has been reached.

** The light comes on three minutes after the appliance has been turned on (when the compressor starts operating).

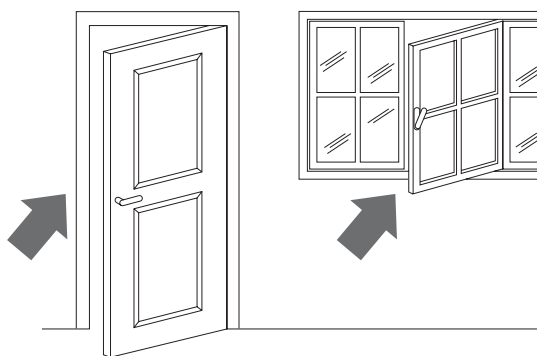
In air conditioning mode, the appliance operates continuously. If the temperature is too low, the frost prevention thermostat trips and turns off operation.

Tips

To get the best from your air conditioning unit, follow these recommendations:

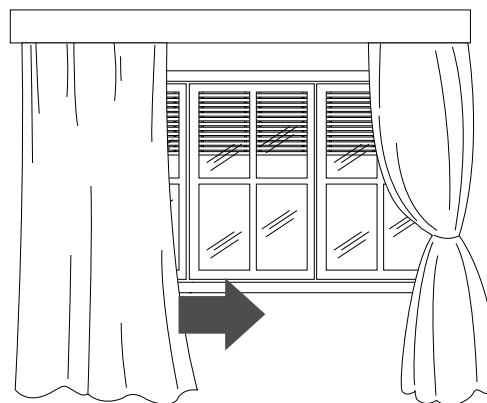
- close the windows and doors in the room to be air conditioned. The only exception is when the appliance is installed through a hole in the wall.

In this case, you are recommended to leave a slight draught through a door or window to guarantee correct ventilation.



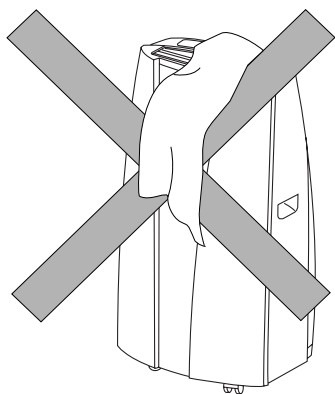
close doors and windows

- Never use the appliance in very damp rooms (laundries for example).
- Never use the appliance outdoors.



close blinds or curtains

- Protect the room from direct exposure to the sun by partially closing curtains and/or blinds. This makes the appliance more economical to run;
- Never rest objects of any kind on the air conditioning unit;
- Never obstruct the air intake **3** or outlet **2** grilles;
- Make sure there are no heat sources in the room.



do not cover

- Make sure the air conditioning unit is on a **level floor**. If necessary, place the two castor locks **24** under the front wheels **9**.

Cleaning

Before cleaning or maintenance, always turn the appliance off and unplug from the mains socket.

CLEANING THE CABINET

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

Precautions

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

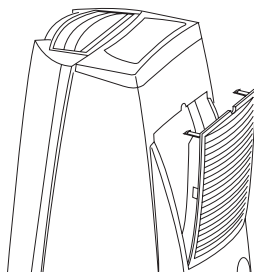
CLEANING THE AIR FILTERS

To keep your air conditioning unit working efficiently, you should:

Clean the dust filter every week of operation. The filter is housed in the intake grille.

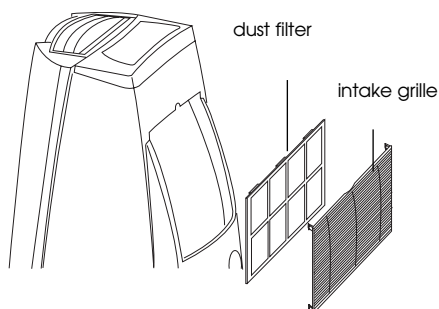
To clean the filter, proceed as follows:

1. Remove the intake grille by rotating outwards (fig. L).



L

2. Remove the dust filter by detaching it from the grille (figure M).



M

Use a vacuum cleaner to remove dust accumulations from the filter. If it is very dirty, immerse in warm water and rinse a number of times. The water should never be hotter than 40°C.

After washing, leave the filter to dry.

To replace, put the filters back in the intake grille then attach the intake grille to the appliance.

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 empty the internal circuit completely of water, turn the function selector to the PUMP position until you hear the gurgling of the pump. Do not remove the tank.

The water in the internal circuit will drain into the tank **7** or through the **continuous drain hose 6 if connected**.

Make sure the other end of the hose leads to a drain.

When completely drained, disconnect the continuous drain hose.

Clean the filters and dry thoroughly before putting back.

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Troubleshooting...

PROBLEM	CAUSE	RIMEDY
The air conditioning unit is off	<ul style="list-style-type: none"> • no electricity • it is not plugged into the mains • the safety device has tripped 	<ul style="list-style-type: none"> • wait • plug into the mains • contact your service centre
The air conditioning unit works for a short time only	<ul style="list-style-type: none"> • the exhaust hose has a constriction • the exhaust hose is blocked • there are bends in the exhaust hose 	<ul style="list-style-type: none"> • position the exhaust hose correctly • check there are no obstacles obstructing air discharge • eliminate the bends
The air conditioning unit works, but does not cool the room	<ul style="list-style-type: none"> • window open • there are heat sources in the room (radiators, lamp, etc) • the exhaust hose is detached • air filters clogged • the air conditioning unit is not powerful enough for the conditions or size of the room 	<ul style="list-style-type: none"> • close the window • eliminate the heat source • connect the exhaust hose • clean or replace the filters
Particular odour in the room	<ul style="list-style-type: none"> • air filters clogged 	<ul style="list-style-type: none"> • clean or replace the filters
The air conditioning unit does not operate for about three minutes after turning it on	<ul style="list-style-type: none"> • the safety device has tripped 	<ul style="list-style-type: none"> • wait for three minutes
The tank full light 17 is on	<ul style="list-style-type: none"> • The condensate tank is full or positioned incorrectly 	<ul style="list-style-type: none"> • empty the tank or position it correctly. If the light remains on, contact a service centre
The alarm light 18 flashes	<ul style="list-style-type: none"> • temperature sensor fault 	<ul style="list-style-type: none"> • Contact a Service Centre.
The alarm light 18 is on	<ul style="list-style-type: none"> • pump fault 	<ul style="list-style-type: none"> • Contact a Service Centre.

Guarantee/technical specification

GUARANTEE AND TECHNICAL ASSISTANCE

The conditions of the guarantee and technical assistance are given on the certificate supplied with your appliance.

LIMIT CONDITIONS

Room temperature 21 ÷ 35°C

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TECHNICAL SPECIFICATION

Power supply voltagesee rating plate
 Max. absorbed power during air conditioning"
 Max. absorbed power during dehumidifying"
 Refrigerant"
 Cooling capacity"

Dimensions internal unit:

width495 mm
 height940 mm
 depth410 mm
 weight34 kg

Transport, filling, cleaning, recovery and disposal of refrigerant should be performed by a technical service centre appointed by the manufacturer only.

The appliance should be disposed of by a specialist centre appointed by the manufacturer only.

ELECTRICAL CONNECTION (U.K. ONLY)

- A) If your appliance comes fitted with a plug, it will incorporate a 13 Amp fuse. If it does not fit your socket, the plug should be cut off from the mains lead, and an appropriate plug fitted, as below. warning: Very carefully dispose of the cut off plug after removing the fuse: do not insert in a 13 Amp socket elsewhere in the house as this could cause a shock hazard. With alternative plugs not incorporating a fuse, the circuit must be protected by a 15 Amp fuse. If the plug is a moulded-on type, the fuse cover must be re-fitted when changing the fuse using a 13 Amp Asta approved fuse to BS 1362. In the event of losing the fuse cover, the plug must NOT be used until a replacement fuse cover can be obtained from your nearest electrical dealer. The colour of the correct replacement fuse cover is that as marked on the base of the plug.
- B) If your appliance is not fitted with a plug, please follow the instructions provided below:

WARNING - THIS APPLIANCE MUST BE EARTHED


IMPORTANT

The wires in the mains lead are coloured in accordance with the following code:

Green and yellow Earth
 Blue Neutral
 Brown Live



As the colours of the wires in the mains lead may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The green and yellow wire must be connected to the terminal in the plug marked with the letter E or the earth symbol  or coloured green or green and yellow.

The blue wire must be connected to the terminal marked with the letter N or coloured black.

The brown wire must be connected to the terminal marked with the letter L or coloured red.