

IMPORTANT SAFEGUARDS

When using any electrical appliance, some basic safety precautions should always be observed to reduce the risk of fire, electric shock, and/or injury to persons. Read all instructions carefully before using the appliance. Specifically:



Failure to observe the warning may result in life threatening injury by electric shock.

- The appliance must not be located immediately below a fixed socket-outlet.
- When the heater is used with feet do not use in the vicinity of bathtubs, wash basins, showers, sinks and swimming pools.
- If you intend to fix your appliance to the wall, make sure that the switch or other control devices are not within reach of persons in the bath or shower.
- If the power cable has been damaged, it must be replaced by the manufacturer or the technical service centre or by a qualified person so as to avoid all risks.



Failure to observe the warning could result in injury or damage to the appliance.


- The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
- ATTENTION: in order to avoid any danger caused by an accidental resetting of the safety system, this appliance must not be powered through an external timer.
- Do not use the appliance in small rooms when they are occupied by persons that are not capable of leaving the room, unless constant supervision is provided.
- Do not position the appliance on long hair

carpets, in order to avoid obstruction to the air intake grille located under it.

- Do not obstruct the hot air outlet grilles or the air intake grille on the bottom of the appliance.
- Do not use this appliance in a room smaller than 43 square feet (4 m²).
- The heater must be positioned at least 3 feet (90cm) from furniture or other objects.



Failure to observe the warning could result in burns or scalds.

- **WARNING:** In order to avoid overheating, never under any  circumstances cover the appliances during operation, as this would lead to dangerous overheating.
- Never use the heater to dry laundry.
- Never place the power cable on top of the heater while it is hot.
- The use of an extension cord is not recommended, as overheating of the extension lead may occur during the operation of the heater.



This symbol indicates recommendations and important information for the user.

- We recommend that you not place the heater in a draft, because strong draft of air may adversely affect the equipment's operational efficiency.
- Only use the heater in an upright position.
- The first time you use the appliance, operate it of at least 15 minutes with the thermostat at maximum to eliminate the "new" smell. A little smoke due to the protective substances applied to the heating element before transport may be given off.
- Position the appliance so that the plug and the outlet can be easily reached even after installation.
- A tip over safety device turns the appliance off if it falls over or is positioned inappropriately in such a way as to jeopardise safety. The

appliance emits a beep and a dot flashes on the display. The appliance resumes operation a few seconds after being placed in an upright position again. See troubleshooting session. See the following paragraph: "troubleshooting".

- The appliance is fitted with a safety device which will switch the appliance off in case of accidental overheating. To reset, disconnect the plug from the power socket for a few minutes, remove the cause of overheating then plug the appliance in again. If this abnormal situation happens several times, please contact the customer service.

SAVE THESE INSTRUCTIONS

THIS PRODUCT IS FOR HOUSEHOLD USE ONLY

DESCRIPTION

- A Power indicator light
- B ON/STAND-BY button
- C +/- adjustment buttons
- D MODE button (selects the operating mode)
- E "ECO plus" button
- F Timer button

General instructions

Remove the heater from the packaging. Check that neither the heater nor the power cable has been damaged during transport. Do not operate the heater if damaged. Remove all publicity material present on the appliance. The appliance is suitable for free-standing or wall-mounted usage. Do not assemble the feet if wall-mounted.

Electrical connection

- Before connecting the appliance to the current outlet, check that the voltage indicated on the appliance rating plate is the same as your electric plant and that it can stand the power consumption (Watt) indicated by the labelling.
- If more than one appliance is used at once, it is important to ensure that the electric plant is able to support the power required.

Mounting the feet

Turn the appliance upside down on a rug or soft surface in order to prevent damaging the paint finish. Fix the feet to the appliance with the nr. 4 screws 4.8x13 PH G supplied (see fig. 1), 2 screws for each foot.

Wall-Mounting Installation

The wall mounting kit contains:
4 metal brackets (H)
4 screws 4.5x25PH (I)
2 butterfly screws M5 (J)
4 plastic anchors 6x30 (K)

Required tools for assembly and estimated assembly time

Drill
Screwdriver PH 2 x 100 (Phillips type)
Estimated assembly time: 30 minutes

Before installing the unit, make sure of the following:

- a. The appliance must not be located directly beneath a current outlet.**
- b. The plug and outlet must be easy to reach after installation.**
- c. No electric cables or other pipes could be damaged during the installation.**
- d. Keep away from curtains or flammable materials.**

To wall-mount, proceed as follows:

Turn the appliance upside down on a flat stable surface. Fix the 2 brackets H with the 2 butterfly screws J as shown in Fig. 2. For brick walls use a 6 mm concrete drill bit. For plaster board or false/hollow walls, it is recommended to use appropriate screws and anchors (not supplied).

1. Before drilling the wall, mark the exact points, respecting the minimum distances as shown in fig. 3.
2. Drill the wall where previously marked, and insert the plastic anchors K.
3. Fix the 2 metal brackets H using the two screws I provided.
4. Hang the appliance on the bracket.
5. Mark out the 2 lower fixing points. Remove the appliance, drill the lower holes and insert the wall anchors K.
6. Now, you can hang back the heater on the bracket and fix the lower part of the appliance with the 2 remaining screws I.

USE

Operation and use

1. Plug into the outlet socket.
2. The appliance emits a beep. The power indicator light (A) comes on and remains lit while the appliance is powered.
3. The appliance switches to stand-by.
4. Press the ON/STAND-BY (B) to turn the appliance on. It begins heating the room according to the current settings.
5. Press the MODE (D) button to select one of the following operating modes:

Freeze prevention ✱

Heating 1 

Heating 2 

Heating 3 

Heating 3 + Fan 

5.1 Freeze prevention ✱

In this mode, the appliance keeps the room at a temperature of 45°F (7°C) to avoid freezing.

5.2 Heating 1, 2, 3 and Heating 3 + Fan

In this mode, the desired temperature can be selected by pressing the adjustment buttons + and -. By pushing the + or - button once, the temperature (shown on the display) will increase or decrease by 1 degree.

Heating 1 

The appliance operates at low power.

Heating 2 

The appliance operates at medium power.

Heating 3 

The appliance operates at high power.

Heating 3 + Fan 


The appliance operates at the maximum power with the fan. The setting temperature range available is from 61°F to 90°F (16°C to 32°C).

6. "ECO plus" function

The "ECO plus" function is available in Heating 1, 2, 3 and 3 + fan modes only. To activate the function, press the "ECO plus" (E) button. When this function is active the appliance automatically sets the most appropriate power level to guarantee optimum comfort while reducing energy consumption.

While the "ECO plus" function is active, the appliance may switch automatically to a lower heating power than the one displayed.


Working indicator

The symbol  indicates the heating status by means of its colors.

 **RED:** the unit is heating at the maximum power.

 **YELLOW:** the unit is heating at the medium power.


 **GREEN:** the unit is heating at the minimum power.

 **absent:** the unit is not heating.

Brightness of the display




The appliance allows two different brightness settings for the display. The highest is active when any key button is pressed. After a few seconds of keyboard inactivity, the brightness will decrease to the operating brightness level.

Key lock



In order to avoid accidental operation, you can lock the keyboard using the keylock function. To activate this function press buttons + and - (C) together for at least 3 seconds. The display shows the symbol  and a double acoustic signal will be emitted. To deactivate the function proceed in the same way.

Timer function

This function can be activated in two different ways.

Delayed start: With the appliance on-standby, press the timer button (F) . The  symbol is displayed flashing together with the hours left before the appliance comes on. Change the hours using the + and - (C) buttons, then wait a few seconds for the program to be stored. The display will return to off and the  symbols remains on. When the programmed time has elapsed, the appliance will come on with the previous settings.



Delayed stop: with the appliance on, press the timer button  (F). The  symbol is displayed flashing together with the hours left before the appliance goes on-standby. Change the hours using the + and - (C) buttons, then wait a few seconds for the program to be stored.

The current settings and  symbol are displayed.

At the end of the set time the appliance switches on-standby automatically. To go back to operating without the timer, press the timer button twice.

The timer symbol  disappears from the display.



Please note: the time is settable from 0.5 to 24 hours.

Changing of the temperature scale

The display can show the temperature in both °F (Fahrenheit) and °C (Celsius). To select the desired temperature scale, when the unit is in standby position, press and hold the "+" key for at least 10 seconds, then release.

The change of scale will be indicated by two short beeps.

TECHNICAL CHARACTERISTICS

Power supply	See rating label
Absorbed power	"

MAINTENANCE

Before carrying out any maintenance, unplug the heater from the outlet and wait for it to cool off completely. This heater requires no particular maintenance. It is sufficient to remove the dust with a soft, dry cloth. Never use abrasive powders or solvents. If necessary remove concentrated areas of dirt with a vacuum cleaner.

TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
The appliance doesn't work	Be sure it is plugged in and that the electrical outlet is working	Plug into the power outlet
	The temperature may be set too low	Set the temperature to a higher position
	The Key lock may be activated	See the section "Key lock"
The appliance doesn't work (the display could blink and you could hear an intermittent "beep")	The air intake or outlet grille is obstructed	Remove the obstruction remove the plug from the outlet and let the appliance cool down. After few minutes plug the appliance again. If the appliance doesn't work please contact the De longhi toll free number.
The display shows a blinking dot and you hear an intermitten "beep"	The appliance could be tipped over or is positioned in an improper way	Make sure the appliance is standing upright on a flat surface. Position the appliance correctly
The display shows "PF"	The temperature sensor is malfunctioning	Contact the De longhi toll free number.
The display shows "Ht" blinking (the heating power will progressively and automatically be reduced)	The internal temperature is too high	To remove the cause of this alarm check that the unit is not covered or obstructed. The appliance will operate again after few minutes. Check the appliance is correctly positioned respecting the minum distances from the wall, or objects, as indicated on the rating label, if not, position the appliance correctly. The appliance will operate again after few minutes.