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# HCX Series

## CONVECTOR Instructions for use



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# DESCRIPTION

Fig. 1

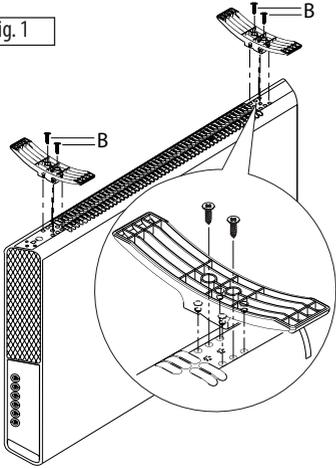


Fig. 2

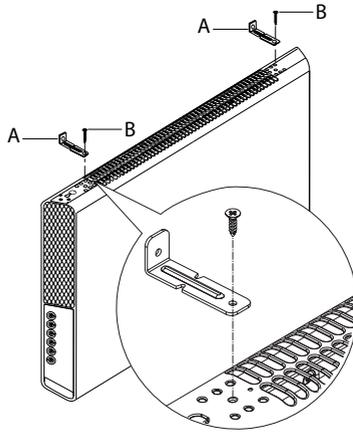
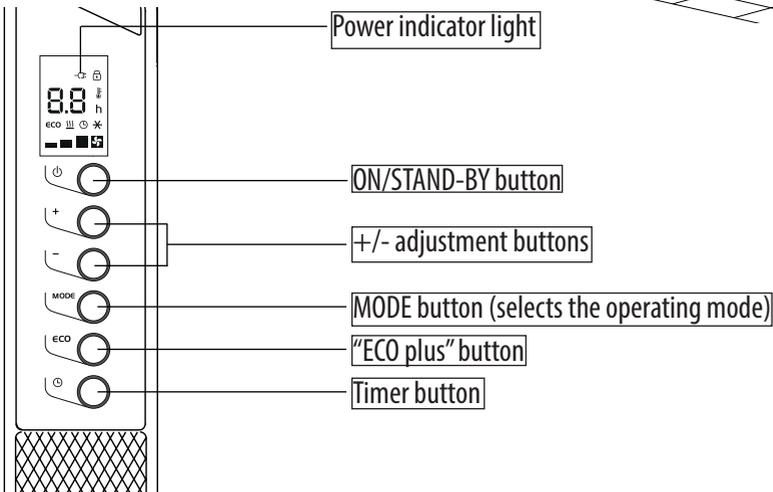
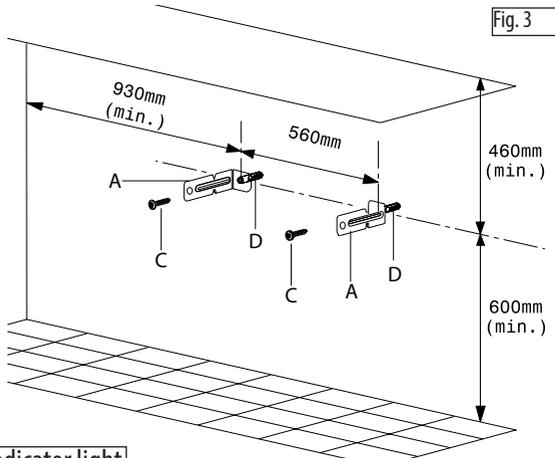


Fig. 3



## IMPORTANT WARNINGS

### Safety warnings



#### *Important!*

- To avoid risk of cable overheating, extension leads must not be used in powering this appliance.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- Children of less than 3 years should be kept away unless continuously supervised.
- Children aged from 3 years and less than 8 years shall only switch on/off the appliance provided that it has been placed or installed in its intended normal operating position and they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children aged from 3 years and less than 8 years shall not plug in, regulate and clean the appliance or perform user maintenance.

**CAUTION** — Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.

- **WARNING:** In order to avoid overheating, never under any 

circumstances cover the appliances during operation, as this would lead to dangerous overheating.

- 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.
- **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.



#### *Please note:*

- Never use the heater to dry laundry.
- Never place the power cable on top of the heater while it is hot.
- We recommend that you do not place the heater in a draught, because strong draughts of air may adversely affect the equipment's operational efficiency.
- Only use the heater in an upright position.
- The heater must be positioned at least 80cm from furniture or other objects.
- The first time you use the appliance, operate it for 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.
- 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.
- Position the appliance so that the plug and the outlet can be easily reached even after installation.
- Do not use the appliance in rooms less than 4 m<sup>2</sup> in area.
- 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.
- 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 De'Longhi Customer Experience.



#### **Danger of burns!!**

- To avoid risk of cable overheating, extension leads must not be used in powering this appliance.

**CE** The appliance complies with the following EC directives:

- Low Voltage Directive 2006/95/EC and subsequent amendments;
- EEC Directive 2004/108 on electromagnetic compatibility (EMC) and subsequent amendments;

### **Use in compliance with intended use**

Use this heater only as described in this manual. All other use is considered improper. This appliance is not suitable for commercial use.

The manufacturer is not liable for damage deriving from improper use of the appliance. This is a household appliance only. It is not intended to be used in:

- staff kitchen areas in shops, offices and other working environments;
- farm houses;
- by clients in hotels, motels and other residential type environments;
- bed and breakfast type environments.

Use in this manner will invalidate the manufacturers warranty.

### **Disposing of the appliance**



In compliance with European directive 2002/96/EC, the appliance must not be disposed of with household waste, but taken to an authorised waste separation and recycling centre.

### **INTRODUCTION**

Read these instructions carefully before using the appliance. Failure to comply with these instructions can lead to injury to persons and damage to the machine.

The manufacturer is not liable for damage deriving from the failure to comply with the user instructions.

### **Symbols used in these instructions**

Important warnings are identified by the symbols below.

It is important to respect the warnings.

Failure to respect the warnings could lead to electric shock, serious injury, burns, fire or damage to the appliance.



#### **Important!**

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



#### **Danger of burns!!**

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



#### **Please note:**

This symbol indicates recommendations and important information for the user.

### **Fundamental recommendations regarding safety**

Dear Customer – The plug on this appliance will get 'warm' during use, this is perfectly normal. This product is A HIGH POWER HEATING APPLIANCE designed to our usual high standards but please make sure your wall sockets are in good condition and the plug is inserted correctly to avoid any accidental overheating. We suggest that you check the plug AND THE SOCKET regularly if the heater is in prolonged use, if you are in any doubt please consult an electrician.

### **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 B supplied

 (see fig. 1), 2 screws for each foot.

## Wall-Mounting Installation

The wall mounting kit contains:

4 metal brackets (A)

2 screws 4.8x13 PH (B)

4 screws 4.5x25 PH (C)

4 plastic anchors 6x30 (D)



## Required tools for assembly and estimated assembly time

Screwdriver PH 2 x 100 (Phillips type)

Estimated assembly time: 30 minutes

Before installing the unit, make sure of the following:

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

To wall-mount, proceed as follows:

Turn the appliance upside down on a flat stable surface. Using a screwdriver, fix the 2 brackets A with the 2 screws B 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 D.
3. Fix the 2 metal brackets A using the two screws C 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 D.
6. Now, you can hang back the heater on the bracket and fix the lower part of the appliance with the 2 remaining screws C.

## USE

### Operation and use

1. Plug into the mains socket.
2. The appliance emits a beep. The power indicator light comes on and remains lit while the appliance is powered.
3. The appliance switches to stand-by.
4. Press the ON/STAND-BY to turn the appliance on. It begins heating the room according to the current settings.
5. Press the MODE 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 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°C.

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 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” 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 - 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 .

The  symbol is displayed flashing together with the hours left before the appliance comes on.

Change the hours using the + and - 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 . The  symbol is displayed flashing together with the hours left before the appliance goes on-standby. Change the hours using the + and - 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.

**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.

### MAINTENANCE

Before carrying out any maintenance, unplug the heater from the mains 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. Please refer to the enclosed guarantee leaflet for service and assistance details.

### TECHNICAL CHARACTERISTICS

Power supply	See rating label
Absorbed power	“

## TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
The appliance doesn't work	<p>Be sure it is plugged in and that the electrical outlet is working</p> <p>The temperature may be set too low</p> <p>The Key lock may be activated</p> <p>The timer is not correctly programmed</p>	<p>Plug into the power outlet</p> <p>Set the temperature higher</p> <p>See the section "Key lock"</p> <p>Program the timer correctly</p>
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 unplug from the mains and let the appliance cool down. After few minutes plug in the appliance again. If the appliance doesn't work please contact De'Longhi Customer Experience
The display shows a blinking dot and you hear an intermitten "beep"	The appliance could have been 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 De'Longhi Customer Experience
The display shows "Ht" blinking (the heating power will progressively and automatically be reduced)	The internal temperature is too high	<p>To remove the cause of this alarm check that the unit is not covered or obstructed. The appliance will operate again after a few minutes.</p> <p>Check the appliance is correctly positioned respecting the minum distances from the wall, or other objects, as indicated in Fig. 3, if not, position the appliance correctly. The appliance will operate again after a few minutes.</p>

## ELECTRICAL REQUIREMENTS

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- 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.

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.

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.

- B) UK Plug specifications: please follow the instructions provided below.

### IMPORTANT

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

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 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.

If you have a 3-pins plug, do not connect any wire to the "earth" terminal.