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# HCX Series

## CONVECTOR Instructions for use



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The De'Longhi logo, consisting of the brand name in a stylized font inside an oval border.

DESCRIPTION

Fig. 1

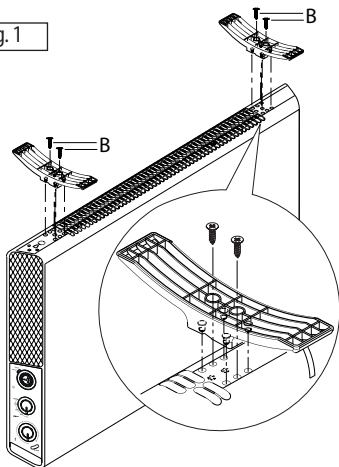


Fig. 2

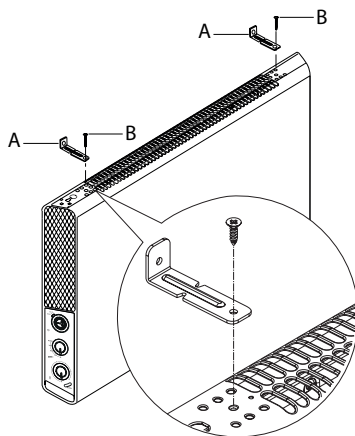
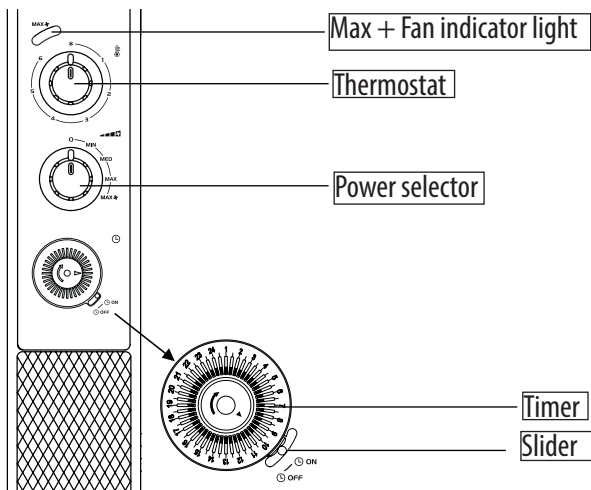
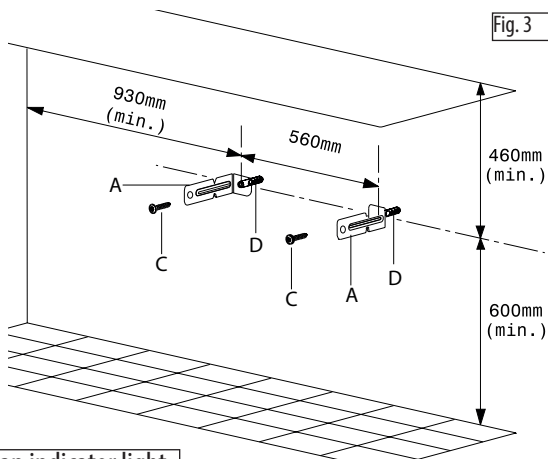


Fig. 3




## 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 do not 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 4m<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 turns off. The appliance resumes operation after being placed in an upright position again.

- 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:

- 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. 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

Plug into the mains, turn the thermostat dial to maximum (position 6) and turn the appliance on by means of the power selector (see description) as described below:

- Turn the power selector dial to the **Min** position to select minimum power.
- Turn the power selector dial to the **Med** position to select medium power (available on certain models only).
- Turn the power selector dial to the **Max** position to select maximum power.
- Turn the power selector dial to the **Max**  position to select maximum power with the fan (the MAX + FAN indicator


light comes on).

- To turn the appliance off completely: turn the power selector to the "0" position and the thermostat to the "" position, then unplug from the mains.

### Adjusting the thermostat

When the room has reached the required temperature, turn the thermostat dial slowly anticlockwise until you hear a click and no further. The thermostat will automatically regulate the temperature set and keep it constant. In spring or autumn or on mild days, you can save energy by using minimum power.



### Freeze prevention mode

With the thermostat dial in the  position and one of the power levels selected, the appliance maintains room temperature at about 5°C, preventing freezing with minimal energy consumption.

### Models with ventilation

The appliance has 2 fans for faster more even heating. To start this function, turn the power selector Max .

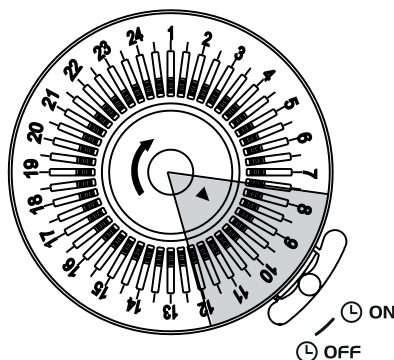
### Models with 24 hour timer

When the appliance is plugged to the mains the timer is always in rotating, in order to stay synchronised with the current. To operate the appliance without the timer, place the timer slider in the  OFF position. To operate the appliance at set times, position the slider in the  ON and proceed as follows:

- Check the time on your clock or watch. If it is 10.00 for example, turn the numbered programmer disk until the number 10 coincides with the pointer marked on the programmer.
- Set the periods of time during which you want the appliance to operate by pushing the teeth outwards (see figure). Each tooth corresponds to a period of 30 min.

At the end of this procedure, sectors corresponding to the operating periods can be seen.

- In this way, the appliance will function automatically each



day at the times set. (Important: the appliance must always be connected to a power source)

- To modify programming, return the teeth to the initial position and set the new operating periods.
- To turn the appliance off, turn the power selector to the "0" position.

## MAINTENANCE


Before carrying out any maintenance, unplug the heater from the mains and wait for it to cool down 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	Be sure it is plugged in and that the electrical outlet is working.	Plug into the outlet.
	Check for any obstruction.	Remove the obstruction, unplug the heater and let the appliance cool down. If the appliance doesn't work please contact the nearest service center.
	The power selector is in the "0" position.	Turn the power selector to the position MIN, MED, MAX, MAX  .
	The thermostat may be set too low.	Turn the thermostat clockwise to a higher setting until the heater restarts.
	Setting the timer	Make sure the timer is correctly set to local time and check the position of the teeth.

## ELECTRICAL REQUIREMENTS

- 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.