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TCH Series

CERAMIC FAN HEATER

Instructions for use

This product is only suitable for well insulated spaces or occasional use



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

Electrical connection (UK 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 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:

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 of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

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

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

DESCRIPTION

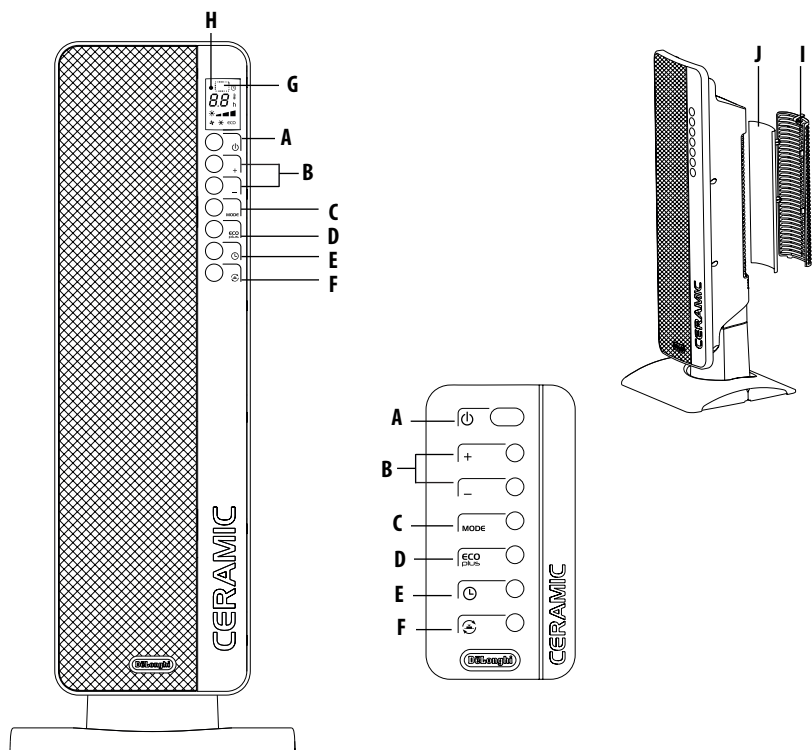


Fig. A

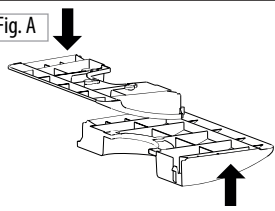


Fig. B

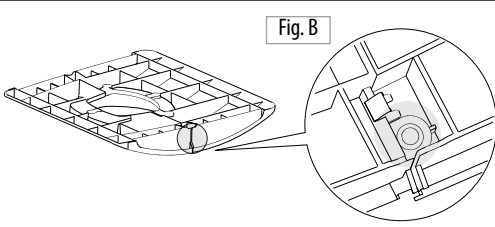


Fig. C

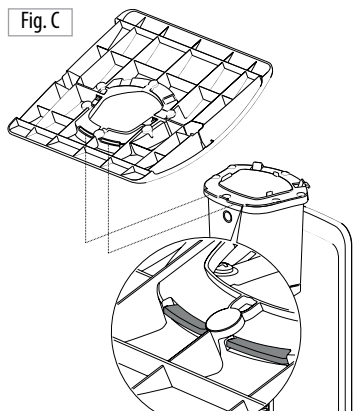
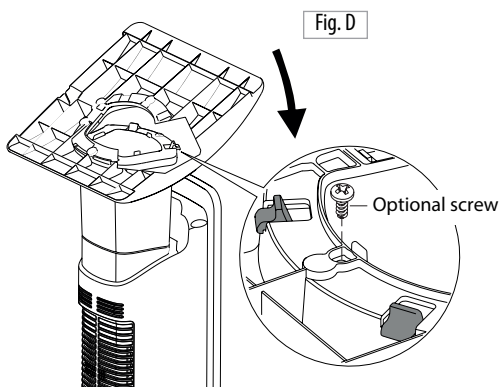


Fig. D



IMPORTANT WARNINGS

Safety warnings



Danger!

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

- The appliance must not be placed immediately under a fixed power socket.
- Do not use the appliance near showers, bathtubs, sinks, swimming pools, etc.
- If the power cable is damaged, it must be replaced by the manufacturer, an authorised service centre or a qualified electrician in order to eliminate all risk.



Important!

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

- **CAUTION:** To avoid the safety system resetting accidentally, this appliance must not be powered through an external on/off device such as a timer, or connected to a circuit which is turned off and on regularly by the energy supplier.
- **WARNING:** Do not use this heater in small rooms when they are occupied by persons not capable of leaving the room on their own, unless constant supervision is provided.



Danger of burns!!

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

- **WARNING:** To avoid overheating, never under any circumstances cover the appliance during operation as this would lead to a dangerous rise in temperature.
- **WARNING:** to reduce the risk of fire, keep textiles, curtains, or any other flammable material a minimum distance of 1 m from the air outlet.



Safety functions

- **Safety device:** the appliance is fitted with a safety device which switches it off in the event of accidental overheating (e.g. obstruction of air intake and outlet grilles, motor turning slowly or

not at all).

To reset, unplug the appliance from the mains socket for a few minutes, remove the cause of overheating then plug in again. If the appliance doesn't work please contact the De'Longhi Customer Service.

- **Tip over safety device:** Certain models are fitted with a tip-over switch which turns the appliance off if it falls over. To restart the appliance, simply place it upright again.



Please note:

This symbol indicates recommendations and important information for the user.


- Use this heater on a horizontal and stable surface.
- Always use the appliance in an upright position.
- Do not use this heater if it has been dropped.
- Do not use if there are visible signs of damage to the heater.
- The use of extension leads is not recommended. However if they cannot be avoided, follow the instructions accompanying the extension lead and never exceed the power limit marked on the extension.
- The heater must be positioned at least 50 cm from furniture or other objects.
- Do not use the appliance near walls, furniture, curtains, etc.
- Do not use the appliance in rooms with a floor area of less than 4m².
- Before putting the appliance away, make sure it is completely off and unplugged from the mains socket. Do not store in dusty atmospheres.

- Do not rest anything on the appliance.
- Do not use the appliance to dry laundry. Do not obstruct the air intake and outlet area (danger of overheating).
- The appliance must not be hung.
- Some models are supplied with a device which delays of few seconds the fan shut off.

For non-EU countries only:

- This 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.

Disposing of the appliance

 The appliance must not be disposed of with household waste, but taken to an authorised waste separation and recycling centre.

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.

DESCRIPTION

-
- A** ON/STAND-BY button
 - B** +/- adjustment buttons
 - C** MODE button (selects the operating mode)
 - D** "ECO plus" button

- E** Timer button
- F** Swing button
- G** Remote control receiver
- H** Indicator light
- I** Air intake grille
- J** Filter

Installation

- The appliance can be used on any horizontal surface. Do not overload the electrical circuit. Avoid using the same socket for other appliances.

Electrical connection

Before plugging the appliance into the mains socket, check that the mains power supply corresponds to the value indicated on the rating plate and that the mains power supply is adequate for the load.


Mounting the base


- Fit the two parts of the base together, matching the guide pins on the front with the recesses on the back and snapping the two clips into place (fig. A and fig. B).
- Turn the appliance upside down and position the assembled base on the appliance in order to couple the two openings with the two tabs on the appliance, tilting it as shown in figure C, consequently turn the base down till the two frontal teeth snaps into position (figure D).
- Assembly time: approx. 5 minutes.
- Optional
 - Fasten the tower to the base using the screw provided to achieve extra stability.
 - Tools needed and estimated time:
 - 1 Phillips head screwdriver type PH 2 x 100
 - 1 screws (included)
 - Assembly time: approx. 2 minutes.


Operation and use

- Plug into the mains socket.
- The appliance emits a beep. The indicator light (**H**) comes on and remains lit while the appliance is powered.
- The appliance switches to stand-by. A dot flashing on the display means the tip over device has been activated. See paragraph: "Safety functions".
- Press ON/STAND-BY (**A**) to turn the appliance on. It begins heating the room according to the current settings.
- Press the MODE button (**C**) to select one of the following


operating modes:


- **Fan** 


In this mode, only the fan operates and the appliance does not heat the room.
- **Freeze prevention** 

In this mode, the appliance keeps the room at a temperature of 7°C to avoid freezing.
- **Heating 1, 2 and Heating 3** 

In this mode, the desired temperature can be selected by pressing the adjustment buttons + and - (**B**):

 - **Heating 1** 


The appliance operates at low power, reducing noise levels and energy consumption to a minimum.
 - **Heating 2** 

The appliance operates at medium power.
 - **Heating 3** 

The appliance operates at high power to heat the room rapidly.

"ECO plus" function

The "ECO plus" function is available in Heating 1, 2 and 3 modes only. To activate the function, press the "ECO plus" button (**D**). 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. This may happen a number of times during use.



- To distribute the air flow over a wider surface, press the swing button (**F**) . The appliance starts oscillating to the right and left. To stop the appliance in the desired position, simply press the swing button (**F**) again.
- To turn the appliance off, press the ON/STAND-BY button (**A**). The display may visualize a countdown for about 6 seconds.



Please note: Room temperature can be displayed in either °C or °F. To change the unit of measurement for the temperature, press and hold the + button for a few seconds, then release.

Digital 24 h timer

This function can be activated from any operating mode.

Auto-start: with the appliance in STAND-BY, press the timer button  (**E**). The  symbol is displayed together with the time remaining before the appliance comes on. To adjust the timer, use the adjustment buttons + and - (**B**), then wait a few seconds for the setting to be memorised.

The stand-by light (H) is displayed together with the ⌚ symbol, indicating that the timer has been set. When the programmed time is reached, the appliance comes on with the settings used during the previous period of operation.

Auto-off: with the appliance on, press the timer button ⌚ (E). The ⌚ symbol is displayed together with the time remaining before the appliance goes off.

To set the timer, use the adjustment buttons + and - (B), then wait a few seconds for the setting to be memorised.

The current settings are displayed again, together with the ⌚ symbol indicating that the timer has been set.


When the programmed time is reached, the appliance goes off automatically. To go back to operation without the timer, press the timer button (E) twice.

The timer symbol ⌚ disappears from the display.

Using the remote control

The functions on the remote control are the same as those on the appliance control panel. For a description of the functions, see the "Operation and use" section on the previous page.

Inserting or replacing the batteries

- The remote control is provided with a lithium battery CR2032. To let the appliance function, remove the battery cover strip, by pulling it.
- To replace the batteries, remove the battery cover by rotating it. Replace the battery paying attention to respect the right polarity as shown in figure 1.
- Replace the cover rotating it towards the position .
- Old batteries must be removed and disposed off in accordance with current legislation as they are harmful to the environment.

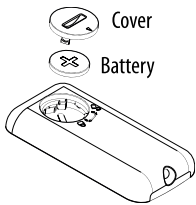


Fig. 1

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.

MAINTENANCE

- Always unplug from the mains socket before cleaning.
- During the season when the appliance is in use, clean the air intake and outlet grilles regularly using a vacuum cleaner.
- To clean the filter, remove the rear grille by pulling it outwards (fig. 1). Remove the dust filter which retains impurities in the air drawn in from the room, blow on it lightly then replace in the appliance.
- Never use abrasive powders or solvents to clean the appliance.

TECHNICAL CHARACTERISTICS

Supply voltage	See rating plate
Absorbed power	"
Max Power	2400W

Safety functions

- **Safety device:** the appliance is fitted with a safety device which switches it off in the event of accidental overheating (e.g. obstruction of air intake and outlet grilles, motor turning slowly or not at all). To reset, unplug the appliance from the mains socket for a few minutes, remove the cause of overheating then plug in again. If the appliance doesn't work please contact the De'Longhi Customer Service.
- **Tip over safety device:** a tip over safety device turns the appliance off if it falls over or is positioned

TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
<i>PF</i> display and emits a beep	Temperature sensor is not working properly	The product needs to be serviced Customer Experience
Product doesn't turn on	Check that the plug is connected to the outlet	Plug in
	Auto-start is on	Wait till time elapsed or press the button (E) twice to cancel the auto-start and push the button (A)
	Room temperature has reached the set temperature	Use the "+" button to increase the set temperature
The appliance goes off unexpectedly	Check that the plug is connected to the outlet	Plug in
	The set temperature has been reached or the time set on the timer has elapsed	
A green dot is flashing and unit is off	The tip-over switch has been activated	Make sure the appliance is standing upright on a flat surface, if the problem persists contact our toll free number to assist you
The display shows "Ht" blinking	The internal temperature is too high. The air intake or outlet grille is obstructed	Check the appliance is correctly positioned respecting the minum distances from the wall, or objects, as indicated on the instruction manual, if not, position the appliance correctly
		Remove the obstruction Disconnect 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 Customer Service