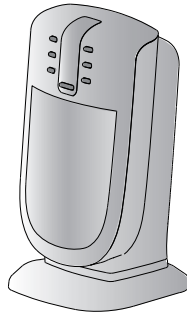




## INSTRUCTIONS CERAMIC FAN HEATER



### DCH5091ER

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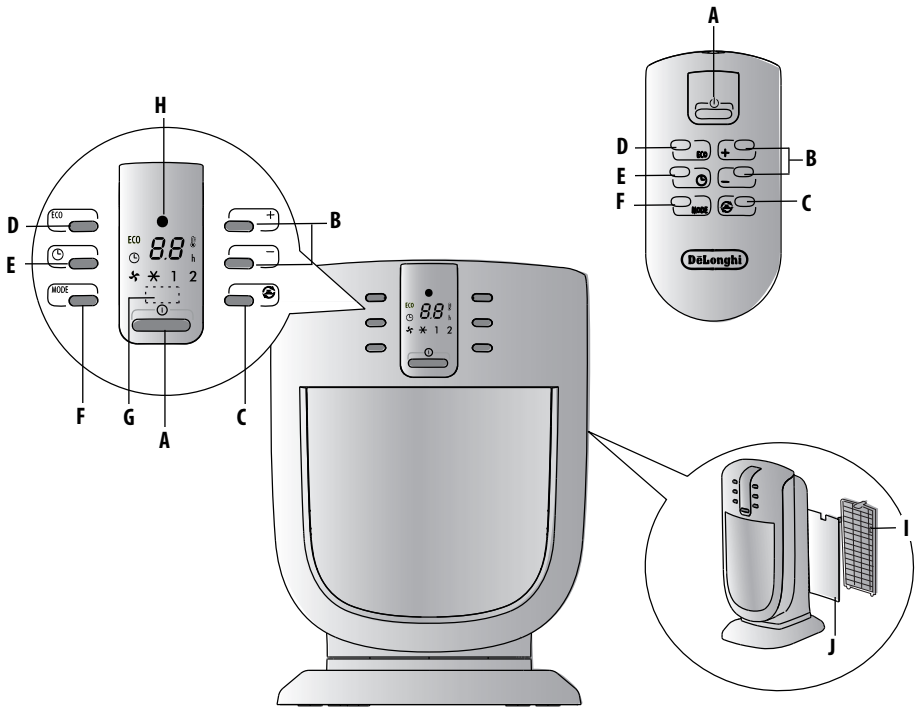


Fig. 1

## DESCRIPTION

- A** ON/STAND-BY button
- B** +/- Adjustment buttons
- C** Oscillation button
- D** ECONOMY mode button
- E** Timer button
- F** MODE button  
(for selecting the operating mode)
- G** Receiver for remote control
- H** Power indicator light
- I** Back cover
- J** Filter

## ELECTRICAL CONNECTIONS



- Before plugging into the mains, make sure the voltage of your mains supply corresponds to the V value indicated on the appliance and that the socket and power line are appropriate for the load required.
- THIS APPLIANCE COMPLIES WITH DIRECTIVE 2004/108/EEC ON RADIO INTERFERENCE SUPPRESSION.

## INSTALLATION

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

## OPERATION AND USE

1. Connect the appliance to the power outlet.
2. The appliance emits a beep and the power indicator light (**H**) comes on and remains on as long as the appliance is powered.
3. The appliance goes into STAND-BY. If the display shows a blinking dot, it means that the tip over switch has been activated. See paragraph: "Additional safety features" page 4.
4. Press the ON/STAND-BY button (**A**) to turn on the appliance. It will begin to heat with the predefined settings.
5. Press the MODE button (**F**) to select one of the following functions available:

**Ventilation** (  ) → **Anti-freeze** (  ) → **Heating at minimum power (1)** → **Heating at maximum power (2)**

### 5.1 Ventilation ( )

In this operating mode only the fan operates, so the appliance does not heat the room.

### 5.2 Anti-freeze ( )

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

### 5.3 Heating 1 and Heating 2

In this operating mode you can set the desired

temperature by pressing the + and - adjustment buttons (**B**).

### Heating 1 (minimum power level):


The appliance operates at the minimum power reducing energy consumption to the minimum.

### Heating 2 (maximum power level):

The appliance operates at the maximum power for rapid heating of the room.

## 6. ECONOMY MODE

In this operating mode the appliance will automatically set the power level to guarantee the best comfort reducing the energy consumption. In this operating mode the unit may switch the heating power level from maximum to minimum and viceversa, several time in an hour. The maximum temperature setting is 26°C (79°F). To activate this function, press the ECO button (**D**).


7. If you want the appliance to distribute the airflow over a larger area, press the oscillation button (**C**) (  ). The appliance will then oscillate right and left. To stop the oscillation in the desired position, just press oscillation button (**C**) again.


8. To turn off the appliance press button ON/STAND-BY (**A**). The display could show the count down for about 6 seconds.


**NOTE:** The display can show the temperature in both °C and °F. To change the temperature scale, press and hold the + key for few seconds, then release.



## 24-HOUR DIGITAL TIMER


This function can be activated from any operating mode.


**Delayed switch-on:** with the appliance in the STAND-BY position, press the timer button (**E**) (  ).

The display shows the symbol (  ) and the time remaining before switch-on. To set the timer, use the + and - adjustment buttons (**B**), then wait a few seconds for the programming to be set.

The display shows the symbol (  ) to indicate you have set the timer. When the programmed time has been reached, the appliance turns on with the same settings it had during the previous operation.

**Delayed shut-off:** With the appliance on, press the timer button (**E**) (  ). The display shows the symbol (  ) and the time remaining before shut-off.

To set the timer, use the + and - adjustment buttons (**B**), then wait a few seconds for the programming to be set. The display returns to show the current settings and the symbol (  ) to indicate you have set the timer. When the programmed time as been reached the appliance shuts off automatically.

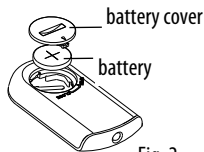
If you want to go back to operation without the timer, press the timer button (**F**) twice. The timer symbol (  ) disappears from the display.

## USING THE REMOTE CONTROL

- The remote control functions correspond to those on the control panel. See the section "Operation and Use" on the previous page for a description of the functions.

## 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 2.
- Replace the cover rotating it towards the position "CLOSE".
- Old batteries must be removed and disposed off in accordance with current legislation as they are harmful to the environment.



## 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.**
- Remove the rear grille occasionally 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.

## TROUBLE-SHOOTING

In case "PF" is displayed and a warning sound is emitted, there is a fault on the temperature sensor. If the problem persists contact the Service Centre.

If the appliance shuts off unexpectedly:

- Make sure power to the appliance is on.
- Make sure the appliance is in a vertical position on a flat surface as otherwise the tip over safety device may have tripped.
- Check the temperature set and the timer. The appliance may have gone off because the temperature set has been reached or the time set on the timer has elapsed.

## IMPORTANT SAFEGUARDS

- Do not use this heater near showers, bathtubs, sinks, swimming pools, etc.
- Always use the heater in an upright position.
- Do not use the heater to dry laundry. Never obstruct

the intake and outlet grilles (danger of overheating). 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.

- The heater must be positioned at least 50 cm from furniture or other objects.
- Do not use the appliance near walls, furniture, curtains, etc.
- 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.
- 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**.
- The appliance must not be placed immediately under a fixed power socket.
- Do not use the appliance in rooms with a floor area of less than 4 m<sup>2</sup>.
- Before storing the appliance, check it is completely off and the cable is unplugged. At this point wrap the cord around the base. Do not store in a dusty room. The room temperature should be between 0-30°C (32-86°F). Do not load anything above it.



**IMPORTANT:** To avoid overheating, never under any circumstances cover the appliance during operation as this would lead to a dangerous rise in temperature.

**WARNING:** 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.

## Additional safety features

- **Safety device:** The heater 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.
- **Tip over safety switch:** a safety tip-over switch turns the ceramic heater off if it tips over or is positioned in an improper way that could jeopardize safety. The appliance emits a beep and the display will show a blinking dot. After the appliance has been restored in the vertical position it will take just few seconds to start on again.