

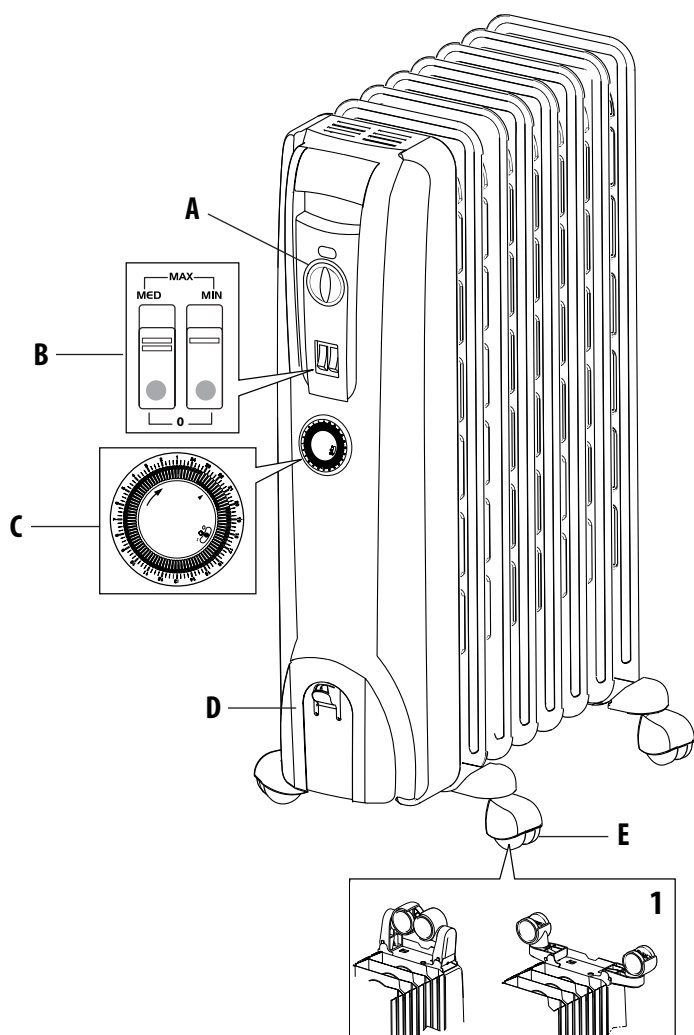
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# KH77 Series

OIL FILLED RADIATOR  
Instructions for use

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The DeLonghi logo, featuring the brand name in a bold, sans-serif font, enclosed within a black oval border with a white outline.



## IMPORTANT WARNINGS

Read all the Instruction for Use carefully before using the appliance. Keep this Instructions for Use.



### **Danger!**

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

- Do not use the heater in the vicinity of bathtubs, wash basins, showers, sinks and swimming pools.
- Never use the heater to dry laundry.
- 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.



### **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.**

- **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.
- The body of this radiator is filled with a precise quantity of special oil, so that repairs requiring the opening of the oil body must only be made by the service agent. Any oil leakage must be reported to the Customer Experience, see enclosed guarantee for details.
- When scrapping the heater, follow the regulations concerning the disposal of oil.
- The appliance must not be located immediately below a fixed socket-outlet.
- **CAUTION:** 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 obstruct the air intake and outlet area (danger of overheating).



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

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.

- The use of an extension lead is not recommended, as overheating of the extension lead may occur during the operation of the heater.
- Never place the power cable on top of the heater while it is hot.
- Do not rest anything on the appliance.
- **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.



**Please note:**

This symbol indicates recommendations and important information for the user.

- We recommend that you not place the heater in a draught, because strong draughts of air may adversely affect the equipment's operational efficiency.
- Only 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.
- In order to eliminate the radiator's "new" smell, set it to maximum power for at least two hours when used for the first time. During this operation, the room in which the radiator is located must be ventilated. 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.
- Do not use the appliance in rooms less than 4 m<sup>2</sup> in area.

- The appliance is fitted with a safety device which will switch off it in case of accidental overheating.  
To reset, please contact Customer Experience, see enclosed guarantee.
- Before putting the appliance away, make sure it is completely cooled and unplugged from the mains socket.  
Do not store in dusty atmospheres.
- The appliance must not be hung.

### **Fundamental safety warnings**

Dear customer - the plug on the appliance heats up during use. This is completely normal.

This HIGH POWER HEATING APPLIANCE complies with our usual high standards. You should, however, make sure that your power socket is in good condition and that the plug on the appliance is plugged into the socket correctly to avoid accidental overheating. If the appliance is used for long periods of time, we recommend checking the plug and mains socket regularly. If in doubt, consult an electrician.

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.

## DESCRIPTION

- A thermostat control knob
- B switches
- C timer
- D power cable
- E wheel

## USE

### General features

Remove the appliance from the packaging, turn upside down and rest on the polystyrene. Check that neither the appliance nor the power cable has been damaged in any way during transportation.

Do not operate the appliance if damaged.

### "EASY WHEEL" system

Turn the radiator upside-down on a rug or a soft surface in order to prevent damaging the paint finish. Fully unfold the castors by turning them outwards (fig. 1). Turn the radiator back to its upright position.

### Electrical connection

- Before plugging the radiator into the mains, check that the voltage of your mains electricity supply corresponds to the value V indicated on the appliance and that the socket and power line are appropriately dimensioned.
- CONNECT THE RADIATOR TO EFFICIENTLY EARTHED SOCKETS ONLY.

### Switching on

Plug into the mains socket. Turn the thermostat to maximum. Switch the radiator on using the switch/switches following the procedures given in points a) - b).

#### a) Models with single switch (1 power level):

- button in position «I» = Total power on (indicator light on);
- button in position «0» = (indicator light off)

#### b) Models with double switch (3 power levels)

- button in position «I» = minimum power (indicator light on);
- button in position «II» = intermediate power (indicator light on);
- both buttons in position «I» «II» = maximum power (indicator lights on)

To turn appliance off, both switches must be in the «0» position, unplug from the mains.

### Adjusting the thermostat

When the room has reached the required temperature, turn

the thermostat slowly anticlockwise until the indicator light goes out (or until you hear a "click") and no further. The set temperature will then be regulated automatically and kept constant by the thermostat.

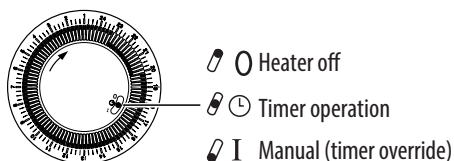
### Frost protection function

With the thermostat in position ❄ and the switches pressed, the appliance maintains the room at a temperature of about 5°C, preventing freezing with minimum energy consumption.

### Models with 24-hour timer

#### Using the timer

If you wish to use the timer, position the switch in the middle position ⌚.



### Setting the correct time

Check the time on your watch. If for example it is 4.00 pm. (16.00), turn the dial in a clockwise direction until the number 16 is lined up with the triangular pointer ▲.

N.B.: Never turn the dial in an anti-clockwise direction!

The timer is in effect an electric clock and works only if the plug is connected to the power supply. Whenever the plug is disconnected or there is a power failure, the clock must be re-set.

### To program the timer

- 1) Set the operating times by pushing in the notches on the dial corresponding to the period required (each notch represents 15 mins.)
- 2) Make sure that the timer indicates the correct time (see instructions on setting the correct time).
- 3) Turn the radiator on and set it to the heat setting and temperature level on the thermostat as required.

Once programmed in this way, the appliance will repeat the preestablished program every day, if the selector is in the ⌚ position.

### Timer override

If you wish to override the timer settings, push the timer switch to position 1 manual (timer override).


To return to timed operation push the switch back to the

middle position .

**NOTE:** if the timer switch is at the **0** position, the heater is off and will not operate).

### **TURBO HEATING**

Some models are fitted with a heating fan which heats the room more quickly.

To turn this function on, push the button into the  position.

**Important:** a safety device cuts in and switches off the appliance if it overheats due to an accumulation of dust on the air intake and output grills. To restart it, unplug from the mains and leave the appliance to cool down. Clean the air intake and output grills with a vacuum cleaner, then replug into the mains and turn on again.

### **MODELS WITH "Tilt-switch"**

Some models are fitted with a tilt-switch turns the appliance off if it should fall over. To restart the appliance, simply place it upright again.

### **MAINTENANCE**

Before carrying out any operation on the radiator, unplug from the electric mains and wait for it to cool.

The oil-filled electric radiator 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 concentrations of dirt using a vacuum cleaner.

### **TECHNICAL CHARACTERISTICS**

Supply voltage	See rating plate
Absorbed power	"

Proudly distributed by  
**De'Longhi Australia Pty Limited**  
P.O. BOX 4540  
CASULA MALL NSW 2170  
Customer Service Ph: 1800 126 659  
Fax: 1800 706932  
[www.delonghi.com.au](http://www.delonghi.com.au)  
e-mail: [info.au@delonghigroup.com](mailto:info.au@delonghigroup.com)

**De'Longhi New Zealand Limited**  
99 Khyber Pass Road  
Grafton 1023  
Auckland, New Zealand  
P.O. Box 58-056 Botany  
MANUKAU 2163  
Customer Service Ph: 0508 200 300  
Fax: 0508 200 301  
[www.delonghi.co.nz](http://www.delonghi.co.nz)  
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