



Dragon HM3 ELECTRONIC
CLIMATE
CONTROL

Oil Filled Radiator

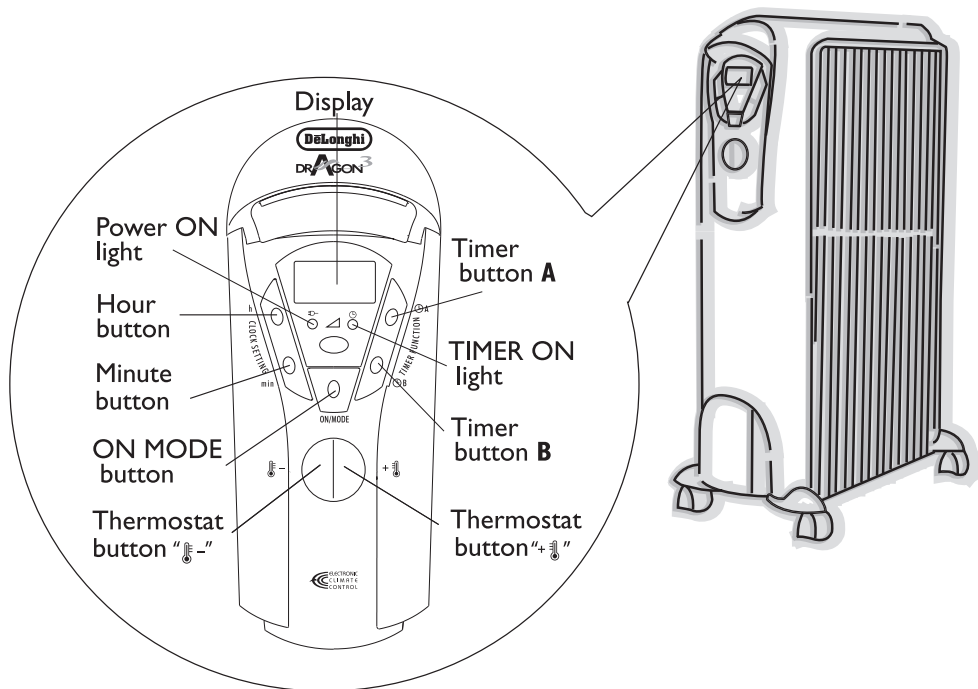
with electronic climate control

Please retain these instructions for future reference



Description of Appliance

The following terms are used throughout the instruction manual



Thank you for choosing this De'Longhi radiator. To get the very best out of your new radiator it is advisable to read these instructions before using it. This will ensure that you gain optimum results and use the appliance safely.

General instructions

Take the radiator out of its packing box and remove any polystyrene pieces or any other packaging material that might be lodged inside it. Make sure that the radiator has not been damaged during transit and that the mains cable is in working order. Do not operate the radiator 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.

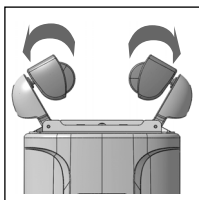


Fig. 1

Using for the first time

On using the radiator for the first time we advise that you turn it on to the maximum power setting for at least 8 hours.

This is to eliminate the “new odour”, which is released by the appliance. During this time ensure that the room is well ventilated.

Electrical connection

- Before plugging the radiator into the mains, check that your supply voltage is the same as that shown on the rating plate of the appliance.
- If using more than one radiator at a time, it is important to ensure that the ring main is adequate to cope with the power requirements.
- It is important to ensure that the socket is adequately earthed.
- This radiator complies with EEC Directive 89/336 relating to electromagnetic compatibility.

How to use your heater

Plug the radiator in and the power on light  will come on.

Setting the clock (fig. 2)

Set the clock to the correct time, proceeding as follows:

- Press the “hour” button until the display shows the hours for the correct time, then release the button.
- Press the “min” button until the display shows the minutes for the correct time, then release the button.

When setting the correct time, the numbers will flash on the display. The clock will continue to flash for a few seconds after the adjustment has been made then stop on the correct time and start

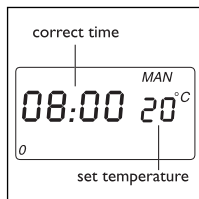


Fig. 2

working. To change the time, press the “hour” or “min” button for at least 5 seconds, then proceed as above to modify both hours and minutes. To move through the hours or minutes quickly keep the relevant button pressed for longer than 3 seconds.

Operation of radiator - without timer - (manual)

To operate the radiator without timer press the “**ON MODE**” button. By pressing the “**ON MODE**” button one or more times the appliance will select the operating heating power as follows:

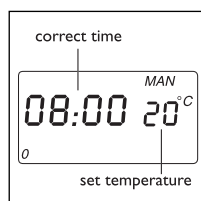
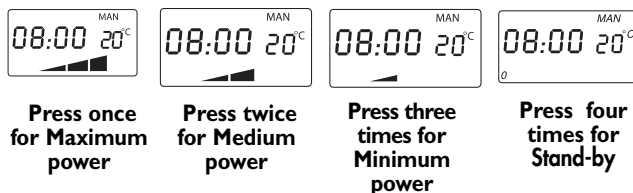


Fig.3

Setting the temperature (thermostat)

Once the power has been selected, press the “ $\uparrow$ ” or “ $\downarrow$ ” button to select the desired comfort temperature from 5°C to 35°C (shown on the right side of the display, fig. 3). This will increase or decrease the temperature by 1°C. Keep either button pressed down to move through the temperature quickly.

Electronic Climate Control

This heater has Electronic Climate Control which automatically monitors and selects the ideal power setting to maintain your chosen temperature. If the selected temperature is higher than the actual room temperature, the appliance will start automatically and rapidly heat the room until it reaches the selected temperature. If maximum power has been selected the unit will automatically maintain the temperature at a constant level, by switching between maximum, medium, minimum power and stand-by position (If the room temperature exceeds the selected temperature level the radiator will switch in stand-by). If medium power level has been selected using the “**ON MODE**” button, the appliance will modulate between medium, minimum power and stand-by position to maintain a selected temperature.

Note: the display will always show the power setting you have chosen, not the one it is currently working at.

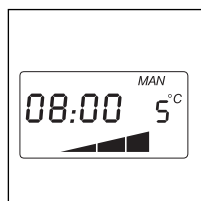


Fig.4

Frost Protection Function (fig. 4)

Press the “**ON MODE**” button (it is recommended to select the maximum power level). Set the temperature to 5°C with the “ $\uparrow$ ” button. “**TIMER ON**” yellow light starts to flash and this situation will persist as long as 5°C is set. When set in this way, the radiator will switch on automatically only if the room

temperature falls below 5°C, thereby preventing freezing, at minimum energy consumption.

Note: This function is not guaranteed in the event of power failures, lasting more than 2 minutes.

Programming the Electronic Timer

The timer allows you to set two programs in a 24h period. To program the timer:

Press the “Timer button **A**”, this accesses the program, the following is shown on the display:

- The flashing message “--:--”;
 - The message “**ON**” at the bottom left (ON time setting);
 - The symbol “**A**” at the right indicating that the first program is being set; To setting the starting time press “hour button” to set the hour and “min button” to set the minutes, then confirm the **ON** time by pressing the “Timer button **A**” again. The words “**OFF**” and “00:00” appear on the display.
 - Set the time you want the appliance to go **ON** using the “hour button” and “min button” as above, then confirm the **STAND-BY** time by pressing the “Timer Function **A**” button again.
 - At this point, the word “**AUTO**” appears at the top of the display and the “**TIMER ON**” indicator light comes on to indicate that the radiator is ready to operate at the programmed time maintaining the preset comfort temperature (fig.5).
 - To set the program **B** press “Timer button **B**” and follow the same procedure as described for the program **A**.
 - Use the “ +” or “ -” buttons to set the desired comfort temperature, as described above.
 - When set in this way the radiator will automatically switch on at the set time for the designated time period and automatically maintain the preset comfort temperature. To cancel a preset programme, press the timer button **A** or **B** once and then press the hour button until the display shows “--:--” (fig.6). To operate the appliance without using the timer press ON/MODE button. The yellow timer ON light will go off.
- To go back to timed operation press **AUTO**.
- To turn off the appliance: set “**0**” position, using the “ON MODE” button and disconnect the power cord.

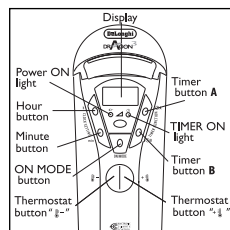


Fig.5

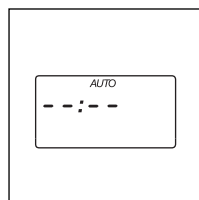


Fig.6

Important

You must leave the radiator plugged in at the mains socket to keep the radiator's memory programmed. If the radiator loses its electricity supply for more than 2 minutes, e.g. if unplugged or in the event of a power failure, the radiator's programmes will be lost, and the timer will not work until reset. In such an instance the display will show flashing numbers.

Remote Control

The appliance can be completely controlled with the remote control.

Two AAA 1,5V batteries are required (not included):

- remove the cover located on the back side of the remote control;
- insert the two AAA 1,5V batteries positioning them correctly (see the instructions in the batteries compartment);
- replace the cover.

Remote Control Operation

- When you press the frost protection push button, the radiator will set the temperature to 5°C and will switch on automatically only if the room temperature falls below 5°C, thereby preventing freezing, at minimum energy consumption. The “Timer ON” light on the control panel will flash.
- Press the increase/decrease temperature button (+/-) to adjust the temperature from 5°C to 35°C.
- The “On/stand-by” button switches off the appliance. Every time you press a button, the appliance will confirm the selection with a “beep” and the pilot light on the remote control will illuminate.

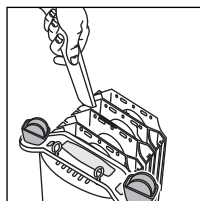
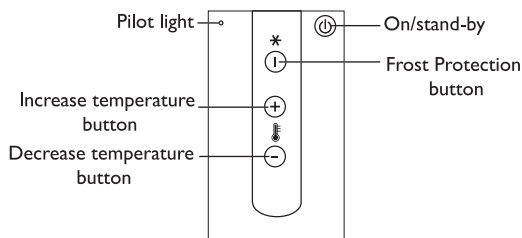


Fig.7

Cleaning and Maintenance

Before carrying out any maintenance, unplug the radiator from the 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 concentrated areas of dirt with a vacuum cleaner. (Fig. 7).

Warnings

- Do not use your radiator in the vicinity of showers, bathtubs, sinks, swimming pools etc.
- Never use your radiator to dry laundry.
- Never place the power cable on top of the radiator while it is hot.
- Only use the heater in an upright position.
- The heater must be positioned at least 50cm from furniture or other objects.

- If the power cable is damaged, it must be replaced by the manufacturer or an authorised technical service centre.
- It is normal for the heater to make 'crackling' noises during the first time it is switched on (or in the case of infrequent use).
- The body of your radiator is filled with an exact quantity of oil. If repairs are necessary which call for the opening of the radiator, they must be done only by the manufacturer or an authorised service centre. In the unlikely event of oil leakage, contact the manufacturer or an authorised service centre.
- Do not use your radiator in rooms which have an area smaller than 4m² as this may lead to overheating.
- The heater must never be placed immediately under a fixed mains socket.
- When scrapping the appliance, respect legislation on the disposal of oil.
- The use of an extension lead is not recommended, however if it is necessary then follow carefully the extension lead's instructions, and most importantly ensure that the extension lead is correctly rated in accordance with the heater being used and NEVER overloaded.
- 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.
- As with any electrical appliance, whilst the instructions aim to cover as many eventualities as possible, caution and common sense should be applied when operating your appliance, particularly in the vicinity of young children.

A safety device will turn the radiator off. To reset, contact the technical assistance service.

CAUTION: In order to avoid a hazard due to inadvertent resetting of the thermal cutout, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.



WARNING: In order to avoid overheating, never under any circumstances cover the appliances during operation.

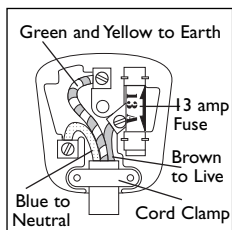
Important information for correct disposal of the product in accordance with EC Directive 2002/96/EC.



At the end of its working life, the product must not be disposed of as urban waste. It must be taken to a special local authority differentiated waste collection centre or to

a dealer providing this service. Disposing of a household appliance separately avoids possible negative consequences for the environment and health deriving from inappropriate disposal and enables the constituent materials to be recovered to obtain significant savings in energy and resources. As a reminder of the need to dispose of household appliances separately, the product is marked with a crossed-out wheeled dustbin.

Warning - this appliance must be earthed



Electrical requirements

Before using this appliance ensure that the voltage indicated on the product corresponds with the main voltage in your home, if you are in any doubt about your supply contact your local electricity company.

The flexible mains lead is supplied connected to a B.S. 1363 fused plug having a fuse of 13 amp capacity. Should this plug not fit the socket outlets in your home, it should be cut off and replaced with a suitable plug, following the procedure outlined below. **Note:** Such a plug cannot be used for any other appliance and should therefore be properly disposed of and not left where children might find it and plug it into a supply socket - with the obvious consequent danger. **N.B.** We recommend the use of good quality plugs and wall sockets that can be switched off when the machine is not in use. important: the wires in the mains lead fitted to this appliance are coloured in accordance with the following code:

GREEN AND YELLOW	EARTH
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 green and yellow must be connected to the terminal in the plug which is marked with the letter E or by the earth symbol  or coloured green or green and yellow. 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. When wiring the plug, ensure that all strands of wire are securely retained in each terminal. Do not forget to tighten the mains lead clamp on the plug. If your electricity supply point has only two pin socket outlets, or if you are in doubt, consult a qualified electrician. Should the mains lead ever require replacement, it is essential that this operation be carried out by a qualified electrician and should only be replaced with a flexible cord of the same size. After replacement of a fuse in the plug, the fuse cover must be refitted. If the fuse cover is lost, the plug must not be used until a replacement cover is obtained. The colour of the correct replacement fuse cover is that of the coloured insert in the base of the fuse recess or elsewhere on the plug. Always state this colour when ordering a replacement fuse cover. Only 13amp replacement fuses which are as approved to B.S. 1362 should be fitted. This appliance conforms to the Norms EN 55014 regarding the suppression of radio interference.