

**DRAGON
OIL FILLED RADIATORS**

Fig.1

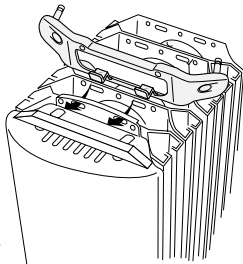


Fig.2

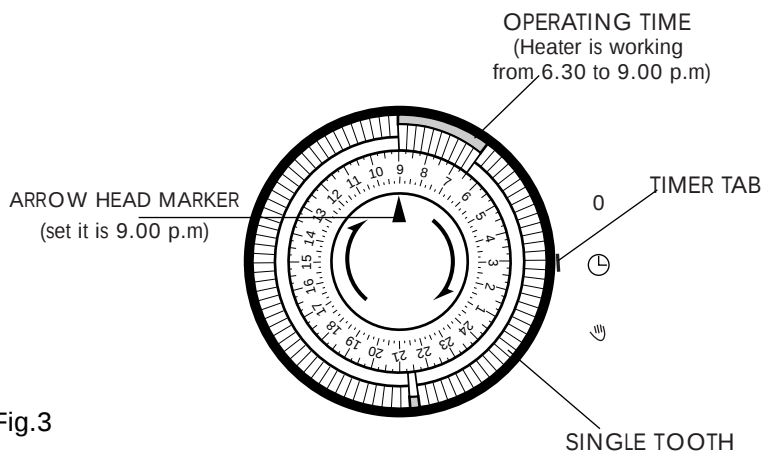
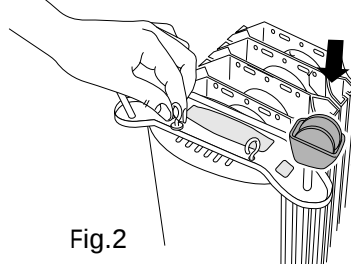


Fig.3

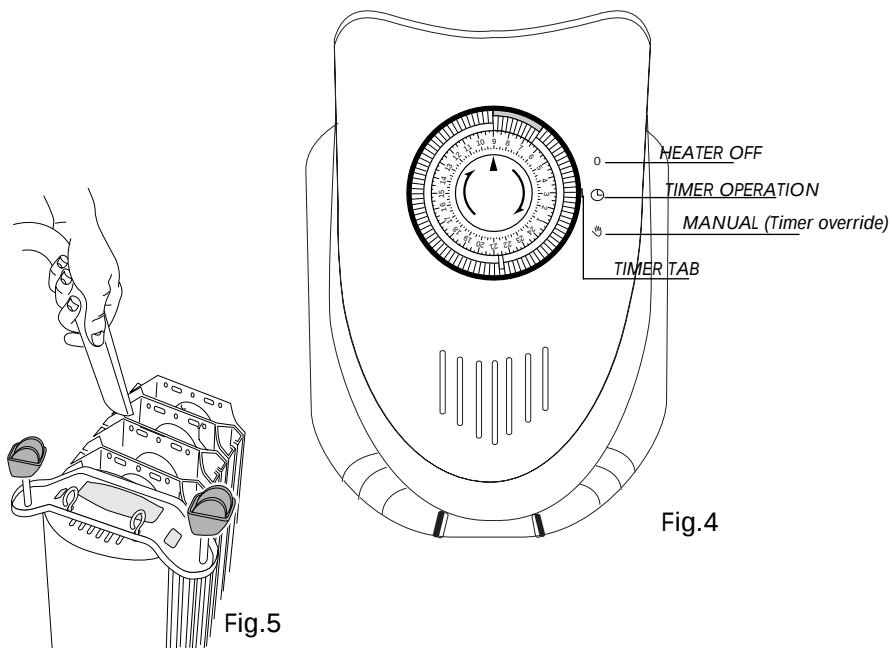
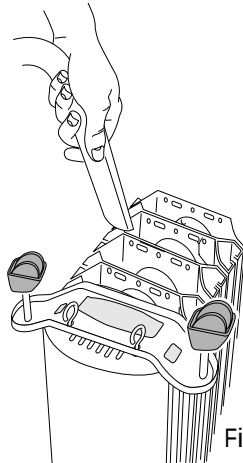


Fig.4

Fig.5



1. GENERAL INSTRUCTIONS

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

Do not operate the heater if damaged.

2. FITTING THE BRACKETS AND CASTORS

Insert the 2 tabs in the centre of the brackets into the location slots in the end column (at both ends of the heater) (fig. 1).

Use the 4 eye bolts supplied with the appliance to fasten the brackets in position (fig. 2) screwing them into the plastic fixing strip.

Fit the castors to the pins on the feet and push firmly until they click into position. Pull each wheel to check that it is correctly inserted.

After fitting, turn the radiator to its upright operating position. Check that no pieces of polystyrene or other packaging material have been left between the elements of the heater.

3. 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 appliance 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 appliance complies with EEC Directive 89/336 relating to electromagnetic compatibility.

ELECTRICAL CONNECTION (U.K. 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 protected by a 15 Amp fuse.

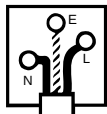
If the plug is a moulded-on type, the fuse cover must be re-fitted when changing the fuse using a 13 Amp Asta approved fuse to BS 1362. In the event of losing the fuse cover, the plug must NOT be used until a replacement fuse cover can be obtained from your nearest electrical dealer. The colour of the correct replacement fuse cover is that as marked on the base of the plug.

WARNING - THIS APPLIANCE MUST BE EARTHED IMPORTANT

The wires in the mains lead are coloured in accordance with the following code:

Green and yellow:
Blue:
Brown:

Earth
Neutral
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 green and yellow wire must be connected to the terminal in the plug marked with the letter E or the earth symbol  or coloured green or green and yellow.

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.

4. HOW TO USE IT

Switching on

Plug the heater in; turn the thermostat control knob clockwise to the highest setting (6).

Check that the timer tab (fig 4) on the outside rim of the timer is lined up with the manual "  " symbol.

NOTE: If the timer tab is lined up with the " 0 " heater off symbol, the heater will not operate.

Switch it on as follows;

a)- units with a single heat setting:

- switch down = ON
- switch up " 0 " = OFF

b) units with three heat settings:

- only left switch on = low heat
- only right switch on = medium heat

- both switches on = maximum heat

To fully turn the heater off, switch off both switches and remove plug from wall socket.

Adjusting the thermostat

Leave the thermostat at its highest setting until the room has reached the required temperature. Then slowly turn the thermostat back until the indicator light goes off (or until you hear a click). The temperature selected in this way will then be regulated automatically and kept constant by the thermostat.

Frost protection function

Turn the thermostat dial to the ★ position and press the switches. The appliance will maintain a minimum room temperature of approximately 5°C thus preventing freezing with a minimum energy consumption.

c) Models with a 24 hour time-clock (fig. 3-4)

To programme the timer;

- Align the timer tab (fig 4) to the “☉” timed operation symbol.
- Check the time on your watch. If for example it is 10am, turn the number disc of the timer in a clockwise direction until the number 10 on the disc lines up with the arrow head marker ▲ on the time-clock. The timer is normally supplied with all the teeth pushed into the centre allowing continuous operation. To set the periods of time you would like the appliance to be off continue as follows;
- Each tooth corresponds to a period of 15 minutes of time. Push the teeth with your thumb-nail to the outer rim of the timer. At this point, the sectors that correspond to the periods to be on and off will be visible.
- Turn the appliance on and set it to the heat setting and temperature level on the thermostat that is required.
- The heater will now function automatically everyday, switching on and off according to your selection.
(Important; the plug must always be inserted into the electrical socket and switched on)
- To vary the programming times, simply return the teeth to their original position and set new periods of functioning.
- If you desire to operate the heater without programming it, push all the teeth toward the centre (i.e. in the mode as normally supplied)
- To completely turn off the heater, turn off all the switches and remove the plug from the mains socket.

Timer Override

If you wish to override the timer settings, move the timer tab up to the “☞” manual (timer override) position (Fig 4).

d) Models with 12-hour mechanical timer (delay-start setting)

Switch on the appliance and select the desired power and temperature settings as described above. Turn the timer knob clockwise to the number of hours desired. The appliance will then automatically switch on when this time has elapsed.

On using the appliance for the first time, 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.

5. MAINTENANCE

Before carrying out any maintenance, unplug the heater 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. 5)

6. WARNINGS

- Do not use the heater in a bathroom or in the vicinity of bathtubs, washbasins, showers or swimming pools.
- Never use the heater to dry laundry.
- Never place the power cable on top of the heater 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 the heater is filled with an exact quantity of oil. If repairs are necessary which call for the opening of the heater, they must be done only by the manufacturer or by an authorised service centre. In the unlikely event of oil leakage, contact the manufacturer or by an authorised service centre.
- Do not use this appliance in rooms which have an area smaller than 4m²
- The heater must never be placed immediately under a fixed mains socket.
- When scrapping the appliance, respect legislation on the disposal of oil.
- IMPORTANT: Never for any reason cover the appliance during operation as this could 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.
- 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.

