ELECTRIC HEATING CONVECTOR

Instructions booklet

Please keep in a safe place as you may need to refer to them at a later date

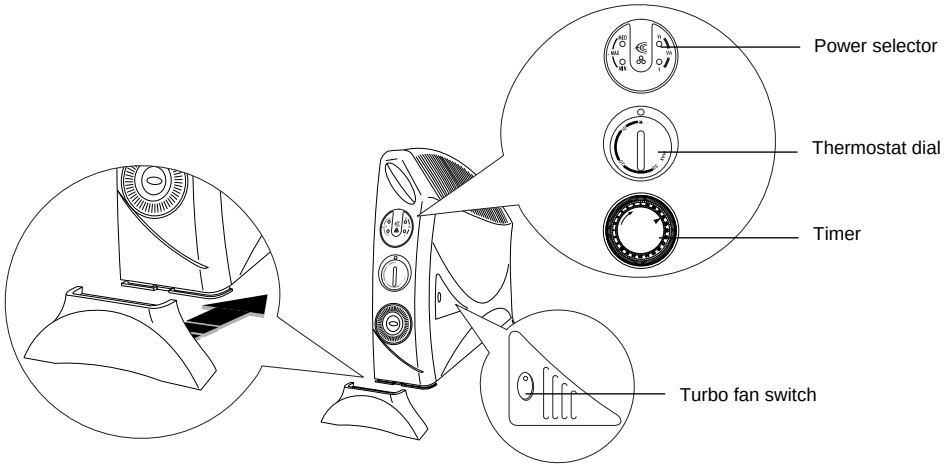


Fig.1

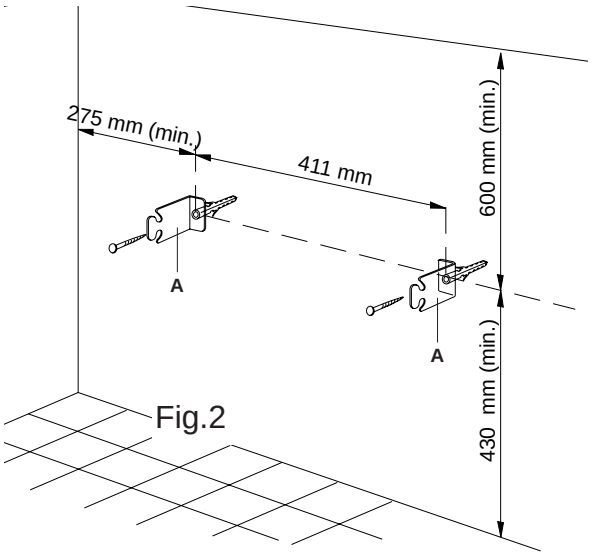


Fig.2

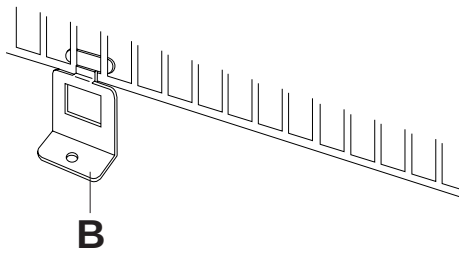


Fig.3

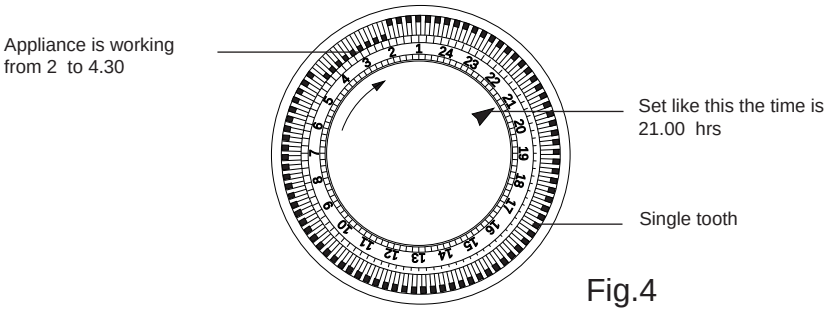


Fig.4

GENERAL INSTRUCTIONS

Remove the heater from the packaging. Check that neither the heater nor the power cable has been damaged during transport. Do not operate the heater if damaged.

Your convector is suitable for either freestanding or wall mounting usage. Do not assemble the feet if wall mounting.

ASSEMBLING THE FEET

To fit the feet to the appliance, proceed as follows:

Insert the foot into the slot at the side and push it in all the way until it hooks onto the two teeth (Fig. 1).

WALL-MOUNTING

IMPORTANT: Before drilling into any wall ensure no electrical cables are present in the area.

In order to wall mount your convector please proceed as follows:

1. Fix two brackets "A" following carefully the dimensions as indicated in figure 2. Use a 6 mm masonry drill and suitable wall plugs and 2 x No 8 screws (minimum length 25 mm).
2. Hang the convector on the two brackets fixed to the wall and insert metal brackets "B" into the bottom rear section of the base of the convector as indicated in figure 3, one at each end.
   Mark the positions for fixing these brackets to the wall.
   This bracket when fixed retains the base of the convector in a fixed position, preventing removal.
3. Remove the convector heater from the hanging brackets and drill the wall for 2 x suitable wall plugs and insert them.
4. Fit the convector to the 2 brackets "A". Insert Brackets "B" to the convector base and fix brackets "B" to the wall plugs by means of 2 x No 8 screws (minimum length 25 mm).
   Your convector is now wall mounted.

The appliances should not be installed directly under a wall power socket.

Do not use your heater in a bathroom.

The appliance should not be installed immediately below a permanent mains outlet.

Position the appliance so that the plug and the socket can be easily reached even after installation.

ELECTRICAL CONNECTION

- Before plugging the appliance 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.

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.

B) If your appliance is not fitted with a plug, please follow the instructions provided below:

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

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.

f you have a 3-pins plug, do not connect any wire to the "earth" terminal.

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

This heater has ECC (electronic climate control) which automatically monitors and selects the ideal power to maintain a chosen temperature.

HOW TO USE IT

Insert the plug into the mains socket and switch on, pressing the button (fig. 5) one or more times, to select your operating heating power as follows:

The LEDs on the left hand side show you the power selected

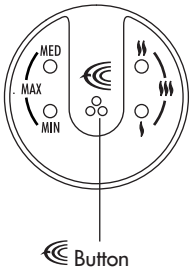
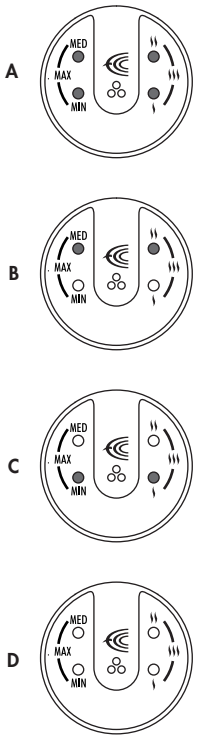


Fig. 5

The LEDs on the right hand side show you the actual power the heater is operating at.
Important: when the heater has been set for timed operation and is in a standby period (i.e waiting to come on), the LEDs on the right hand side will light up and go out intermittently. (See timer instructions).



If maximum power has been selected, adjust the thermostat dial (fig. 6) to the desired comfort temperature from ✱ (5°C) and MAX (35°C).
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. The unit will automatically maintain the temperature at a constant level by cycling between max power, med power and min power as it approaches the selected comfort temperature (see fig. 7).

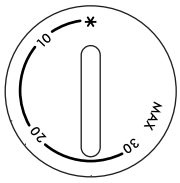


Fig. 6

Maximum power example (fig. 7)

Display LEDs				
Selected power	◄ **MAX** ►			
Power used	**MAX**	**MED**	**MIN**	**OFF**
	◄ **Cycles between** ►			

If the room temperature exceeds the selected temperature level, the appliance will switch off (fig. 5D). The heater will switch back on automatically when the room temperature falls below the selected temperature level.
If medium power level has been selected using the button, and the thermostat set, the heater will modulate between the medium and minimum power levels. As with the maximum power setting, if the room temperature exceeds the selected temperature, the appliance will switch off, and then on again when the temperature falls.

Frost stat function

Press the ECC button, it is recommended to select maximum power level.
Set the thermostat dial to the "✱" position (fig. 6).
When set in this way, the appliance will switch on automatically only if the room temperature falls below 5°C, to prevent freezing, at minimum energy consumption.
This function is not guaranteed in the event of power failures, even if lasting just a few seconds.

Models with turbo fan boost (see fig. 1)

A number of models have a turbo fan boost for even more rapid and uniform heating. To use this function, press the switch on the fan grill.

Cool air ventilation

To operate the fan only for "cool air" ventilation, ensure that ECC is off and turn the thermostat to the maximum then press the switch on the fan grill.

MODELS WITH A 24 HOUR TIMER (Fig. 4)

To programme the timer;

- Check the time on your watch. If for example it is 10 o'clock, 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 timer-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 thumbnail to the outer rim of the timer to indicate when you require the heater to be off.
- Turn the appliance on and set it to the heat setting (using the ECC button) 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 functioning periods.
- 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 via the ECC button and remove the plug from the mains socket.

IMPORTANT: The heater will switch off at end of the set time period. However, the LEDs on the right hand side of the ECC button will light up and go out intermittently whenever the heater is waiting to come on.

MAINTENANCE

Before carrying out any maintenance, unplug the heater from the mains and wait for it to cool. The convector 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.

WARNINGS

ATTENTION: 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 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.
- Do not block the hot-air outlet grilles or the intake grille located on the bottom of the heater.
- 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.
- Do not use this appliance in rooms which have an area smaller than 4m^2. We recommend that you do not place the heater in a draught, because strong draughts of air may adversely affect the equipment's operational efficiency.
- The heater must never be placed immediately under a fixed mains socket.
- **IMPORTANT: Never for any reason cover the appliance during operation as this could lead to dangerous overheating.**
- A safety device intervenes and turns off the appliance in the event of overheating or because the appliance is positioned in a strong draught of air. To reactivate it, remove the plug from the electrical outlet, allow the appliance to cool (about 5'), remove the cause of the overheating/draught and then reconnect the appliance to the mains and turn it back on.
- A number of models have a special device to cut off current if the unit is overturned, placed at an angle or knocked, a sound alarm indicates this problem.

- 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.