

INSTALLATION, OPERATION AND MAINTENANCE INSTRUCTIONS FOR

Twin-Zone Radiant Heater

Catalogue Number HE6351 1.5 kW

PLEASE RETAIN THIS LEAFLET FOR FUTURE MAINTENANCE

IMPORTANT

1. The two elements are rated at 120 volts and connected in series to give 1.5 kW at 240 V AC.
2. The silica sheath of the heating elements should not be touched by hand, otherwise permanent marks (devitrification) will occur during heating. Should the element position need to be changed (to alter the beam width), handle only by the ceramic bushes at the ends, and observe the cleaning instructions afterwards.

ELEMENT POSITION

The Twin-Zone heater is designed to provide alternatively widespread warmth (broad beam) or a more concentrated beam of heat over a localised area (narrow Beam), and the selection of either is made by adjusting the position of the element. This is determined by ensuring that the ceramic blocks supporting the silica tubing are mounted into the heater body in the correct position. Long end of ceramic blocks downwards will give narrow beam and short end downwards will give broad beam.

ASSEMBLY (as Fig. 1)

The heater is supplied with the elements fitted in the broad beam position and connected ready for installation.

To change the beam width to the narrow setting

Remove the terminal box covers.

Remove the reflector from the body of the heater.

Disconnect the element tails from the terminal blocks.

Holding the elements by the ceramic bushes, lift the element out of the retaining slots in the body.

Rotate the ceramic blocks into the narrow beam position (long end downward, as Fig. 2) and replace.

The heater can now be reassembled in the reverse order.

ENSURE THAT THE CERAMIC BLOCKS ARE ALL INSERTED INTO THE BODY IN THE SAME OFFSET POSITION. LONG END DOWNWARDS FOR NARROW BEAM.

WIRING DIAGRAM (Fig. 3)

The wiring diagram is shown in Fig 3 and indicates the manner in which the two 120 volt elements are connected in series for 240 volt operation.

The heater is suitable for connection to 230/250 volt, single-phase supply and should be wired to heat resisting cable suitable for a continuous ambient temperature of 75°C, in accordance with IEE Regulations for the Equipment of Buildings.



