

CE Energy Saving Band Heaters



Energy Saving Band Heaters

Product Description

Energy Saving band heaters are ideally manufactured to reduce the time taken to heat the barrel and reduce the energy cost, with optimized heating. In addition to the in built 4mm thick heat saving insulation an extra 12mm – 25mm thick flexible insulation is added on the external sheath covered with an additional metal layer. The power saving on these heaters ranges between 25 – 40% depending on the insulation thickness selection.

Features

- ▶ Designed as per customer specifications
- ▶ Variety of termination options
- ▶ Available in one or two piece construction
- ▶ Temp upto 400 deg C
- ▶ S.S. braided termination
- ▶ Metal covering

Application

- ▶ Injection moulding
- ▶ Blow Moulding
- ▶ Extrusion
- ▶ Pipe and drum heating

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Technical Specification

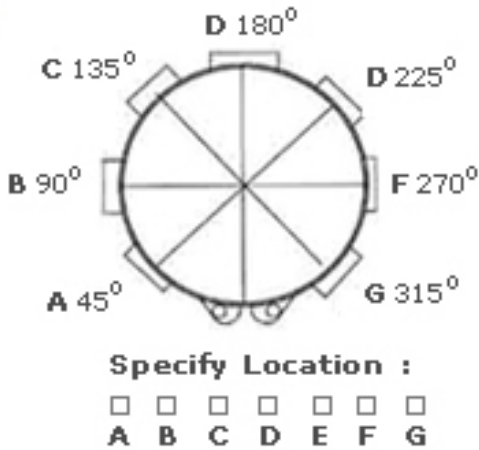
Sheath Material	Aluminised Steel / SS
Sheath Temperature	500° C Max.
Insulation Material	High Temp Steatite Insulators
Heating Element	NiCr 80:20 / NiCr 60:16
Voltage Rating	48 V to 440 V (Single / Dual / Three Phase)
Power Rating	35 – 45 W / in ²
Power Tolerance	± 10%
Resistance	± 5%
Energy Saving Insulation Material	Ceramic Fibre
Energy Saving Ratio	25% to 40% depending on the Insulation Thickness.
Wall Thickness	25mm to 40mm
Minimum Inner Dia	60mm
Minimum Width	35mm
Clamping	M6 x 45mm Allen Key or 3/16" Screw Fastner
Lead Connections	Screw Post / Lead Wires
Termination Connection Options	<ul style="list-style-type: none"> ○ Steel Protection Box ○ FLP Junction Box ○ Screw Post Terminals ○ Ceramic Connector ○ 2 Pin Male Plug.
Thermocouple Hole	Standard Dia 19mm. Bigger or smaller dia on request.

Custom Lengths and Wattage available.

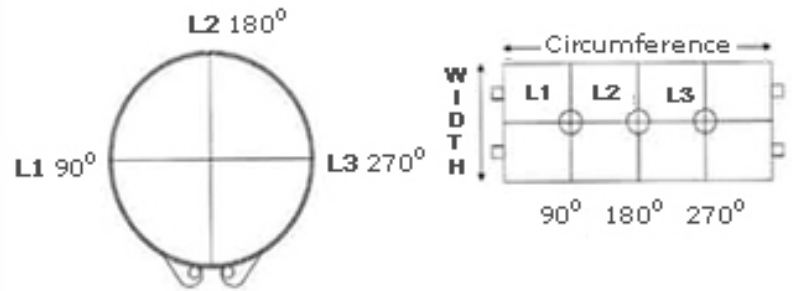
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Ordering Specifications

Terminal Location



Thermocouple Holes or Notches Location



Custom Lengths and Wattage available.