

# ENGINEERED SOLUTIONS FOR HEATING & SENSING

ISO 9001-2015













## INFRARED RADIANT HEATERS



MARATHON HEATER (I) PVT. LTD.

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### **ENGINEERED SOLUTIONS**FOR HEATING & SENSING

#### INFRARED RADIANT HEATERS



Infrared radiant heaters are electric heaters specifically designed to emit infrared heat radiation, where heating by other means is not ideal. It is mostly usable application where movable object heat like float glass, movable mould heating and drying of paint etc. Different lengths and sizes are available to meet specifications. IR heaters are high intensity infrared radiation heaters and used where high temperatures are necessary. They are designed to work in large and exposed areas and heavy duty projects.

#### **Construction/Manufacturing**

- Heating Element with high emissivity coating
- Stainless steel assembling plate & threaded studs for mounting
- Insulation fiber pad between element & plate
- Ceramic insulation bead between element & plate
- Terminal strip for connection

#### **Technical Specifications**

| Power                | Upto 10kw   |
|----------------------|---|
| Watt density         | 1 to 10 W/cm²   |
| Temperature<br>Range | Upto 600°C  |
| Heater<br>Parameters | Customized - power rating, voltage, resistance, length, diameter and other dimensions |
| Control              | Thermocouple, thermostat for temperature controlling                                  |

**Note**: For custom design requirements please contact factory

#### **Applications**

- Float glass heating
- · Movable mould preheating
- Conveyorised or batch type ovens, Drying, Curing
- Industrial applications with medium intensity infrared heat: Paint spray, Booths, Curing, Drying Softening resins.
- High intensity heat applications

### welcome contact:

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