

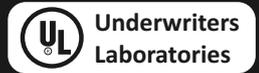


Thermal and Cable Solutions

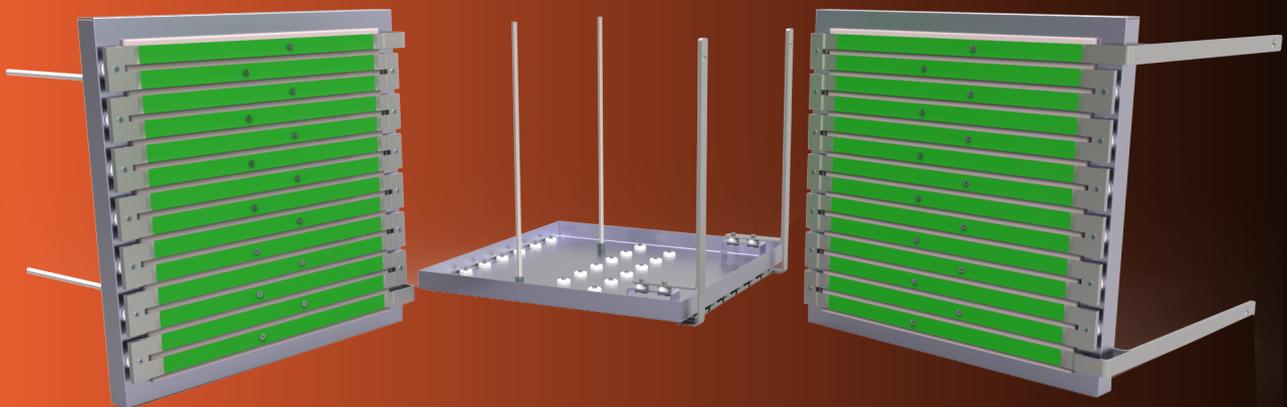
ISO 9001-2015



CCOE



# INFRARED RADIANT HEATERS



**TEMPESENS INSTRUMENTS (I) PVT. LTD.**

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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

### 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

### Technical Specifications

Power	Upto 10kw
Watt density	1 to 10 W/cm <sup>2</sup>
Temperature Range	Upto 600°C
Heater 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