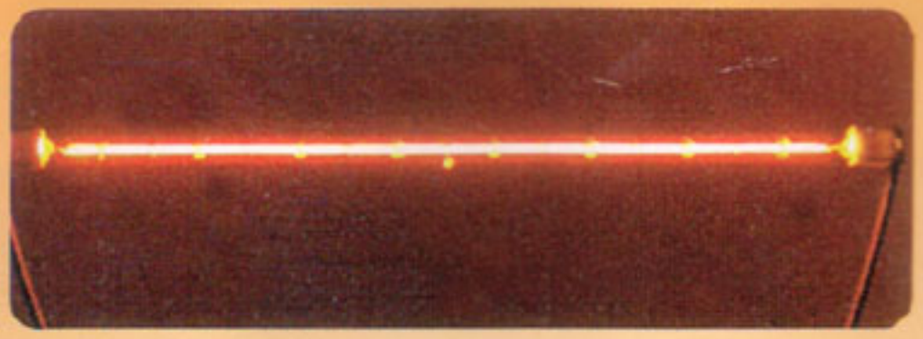
SHORT WAVE INFRARED HEATERS



Standard range of Short Wave IR Heaters

Heated Length HL (mm)	Overall Length OL (mm)	Wattage (W)	Voltage (V)
127	212	500	240
254	348	1000	240
406	500	1600	240
406	500	1600	415
508	626	2000	240
508	626	2000	415
635	728	2500	240
635	728	2500	415
508	626	3000	240
765	875	3000	415

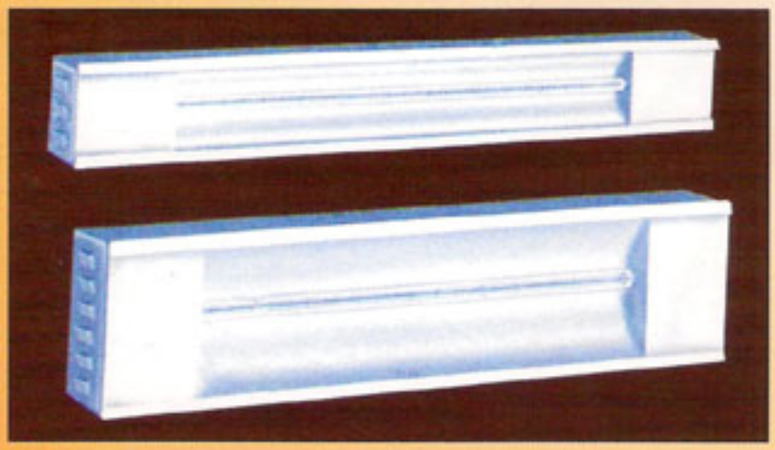
All the heaters are with round cap and 100 mm long lead wire at both ends. For horizontal mounting application only.

IR Heaters with rectangular cap and for vertical Mounting application are also available on request.

Specific sizes and ratings can be made as per customer's specifications. (Subject to recommended Watt density).

SHORT WAVE INFRARED MODULE

Infrared modules are the ideal solution in the application of infrared heat technology. They save the user design costs and time, but are substantially less expensive than complete infrared systems.



Wider Module IRW type is available in above specifications with same lengths x 145 mm (width) x 80 mm (depth)

Standard range of Short Wave IR Modules

Overall Dimensions (mm)			Lamp Specification			
Length	Width	Depth	Heater Used	Heated Length	Watts	Volt
310	80	55	SW 500	127	500	240
460	80	55	SW 1000	254	1000	240
610	80	55	SW 1600 S	406	1600	240
610	80	55	SW 1600 D	406	1600	415
725	80	55	SW 2000 S	508	2000	240
725	80	55	SW 2000 D	508	2000	415
825	80	55	SW 2500 S	635	2500	240
825	80	55	SW 2500 D	635	2500	415
725	80	55	SW 3000 S	508	3000	240
975	80	55	SW 3000 D	765	3000	415

SHORT WAVE INFRARED HEATERS

Gold Coated Infrared Heater

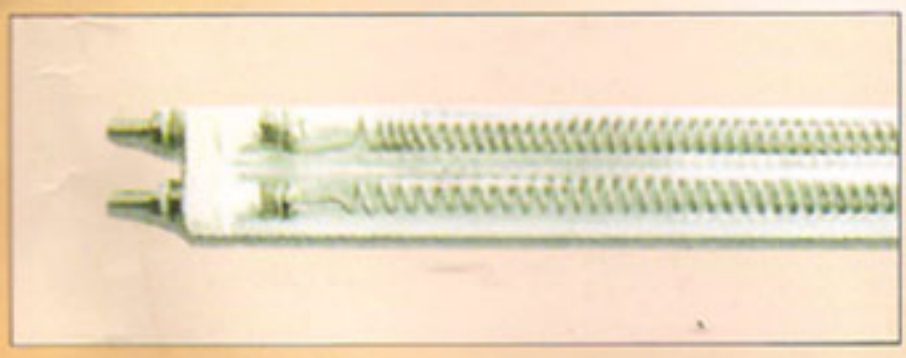
White Coated Infrared Heater

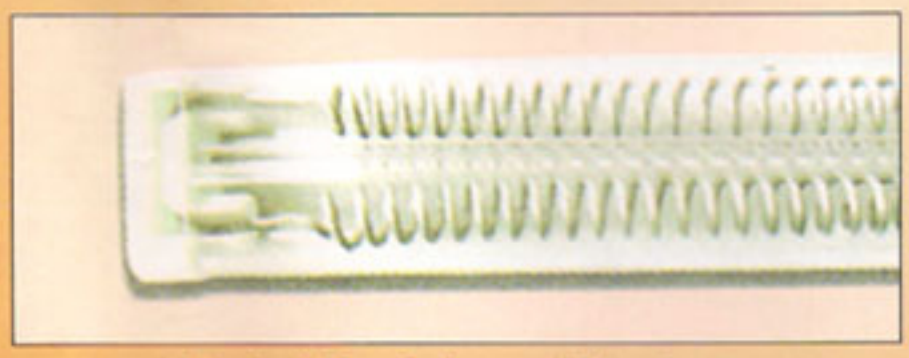
Features :

- Halogen type, which avoids blackening of tube and consequently infrared depreciation during lifetime
- All the Infrared source can be focused on half surface of the tube, which 75% of Infrared source can be reflected in a fixed direction
- Ideal, high-power heat source for a wide range of industrial heating applications
- Economic heat source, 90% of energy is transmitted as Infrared heat
- Short wave Infrared radiator
- Clean, Safe, Green heat source
- Compact, high-efficiency
- Fast response, within 3 seconds to reach 100% power output after be electrified and reduce the temperature fast
- Long Lifetime
- Easy to install & Low charge of maintenance and replacement
- Direct heat - warm objection, not the air
- Dimmable from 0-100% for heat to match your needs

Applications :

• PET preform heating in stretch blow moulding machines • Paint baking • Rubber coating drying • Soldering fusing in PCB industries • Sterilizing / mirror coating drying in glass industries • Printing ink drying in offset machines • Powder coating curing • Impregnation plants • Paper coating drying • All type of laminations • Preheating prior to embossing • Screen printing curing on T-shirts & textiles.





Twin Tube Infrared Heater

Material :

Quartz Glass

The quartz glass is very pure and provides good transmission and temperature resistance.

Twin Tube

The unique twin tube design offers high radiation power and very good mechanical stability - allowing emitters of lengths up to 3.5 meters. Emitters are available in Short Wave, Medium Wave, or Long Wave versions. That gives you the possibility to select the optimum wavelength for the material to be heated. Dimensions and filaments are matched to requirements.

Gold / White Coated

Twin Tube Infrared Heater is made by virtue of a gold & white coated which can emit heat directly to the product. A coating on the infrared emitters reflects the infrared radiation. Consequently the infrared radiation impinging on the product is virtually doubled.

Features :

- Infrared heaters can be matched to material characteristics - allowing higher process speeds and less energy consumption
- Directed heat only where needed
- Infrared ovens needs less space
- Non contact or medium needed
- Short response times of infrared heaters for switch on / switch off