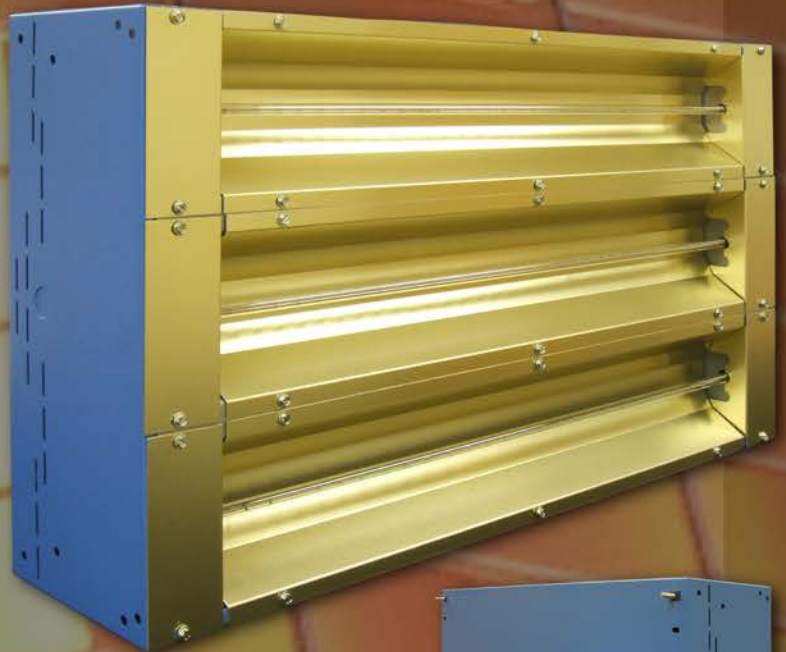




# High Temperature Electric Infrared Modular Sections



Back of IR heater panels include threaded studs for mounting, and a junction box with knockouts for service connection to a hi-temp ceramic terminal block.

## PURPOSE AND APPLICATION:

These standard hi-temperature rated sections are designed to withstand higher oven temperatures, up to 600°F. They can be installed inside convection ovens as a preheat or booster prior to convection curing of powders and paints.

Hi-temp sections are also easily grouped to form IR banks for many other applications that require the benefits of short-medium-long wave infrared. Heater sections are easily bolted and wired together (end-to-end or side-by-side) to form various oven configurations to fit the application.

## ECONOMICAL - EFFICIENT - EASILY INSTALLED

### SPECIFICATIONS:

- Construction: 20 Gauge steel housing; gold anodized aluminum reflectors and end caps
- Ceramic socket designed to accept one or two heating elements. Elements can be wired for single or three phase operation, and may be wired in series. 450°C rated Firezon internal wiring.
- Durable powder coated finish on housing and perforated side closures
- Junction box with knockouts and ceramic terminal strip mounted to the back of the heater for easy wiring access
- Mounting studs welded to back of heater for quick mounting to frames, walls, or other structures
- Designed to accept a variety of IR heating elements, including short wave quartz lamps, medium wave quartz tubes, or long wave metal sheath emitters; with a choice of wattages at all standard industrial voltages
- Heaters designed to bolt to other heaters either side-by-side or end-to-end; knockouts on heater housing to enable continuous wiring from heater to heater
- Models are shipped fully assembled and ready for installation, with the exception of the heating elements which are installed by customer.

### STANDARD MODELS:

(Fostoria engineers can assist with heater/model sizing for the application)

PCN #	MODEL #	DIMENSIONS			MAX WATTAGE*	VOLTS	# of REFLECTORS (Gold Anodized)	SHIP WT. (LBS)
		Length	Width	Depth				
03971002	9123101HT	31	5-1/2	7	5 KW	208-480	One 5-1/2"	14
03971102	9523101HT	31	16-1/2	7	15 KW		Three 5-1/2"	27
03971202	9124401HT	44	5-1/2	7	7.6 KW	208-570	One 5-1/2"	17
03971302	9524401HT	44	16-1/2	7	22.8 KW		Three 5-1/2"	34

Note: Heaters are priced without heating elements. Due to the many options available, these must be ordered separate. Heaters accept ONE or TWO infrared heating elements per 5-1/2" reflector at all voltages. Consult factory for application assistance, element selection, and pricing. \*Sections may require cooling blowers when operated at highest wattages and when sections are combined to form larger heat banks.



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