

Radiant Heaters

Radiant Band and Strip Emitters

Constructed using Watlow's exclusive mineral insulation, rugged stainless steel sheath and high emissivity coating, these heaters can operate at temperatures to 1300°F (700°C), and 30 W/in² (4.7 W/cm²).

Sizes

Strip Emitters

Width: 3 in (76.2 mm)
Length: 6 in (152.4 mm) min.
31 in (787.4 mm) max.

Band Emitters

Width: 1 in (25.4 mm),
2 in (50.8 mm),
3 in (76.2 mm) max.

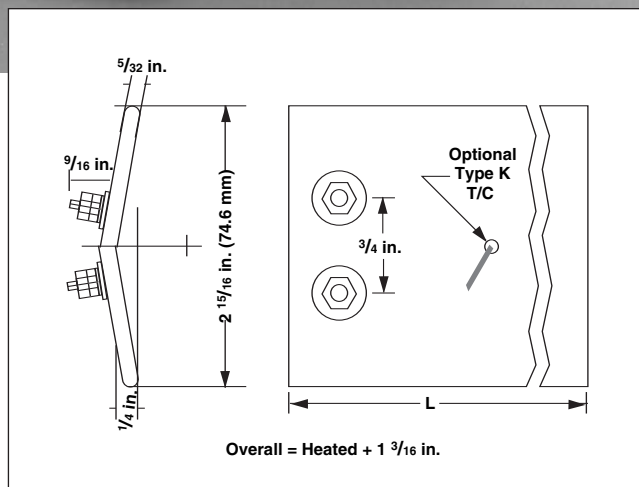
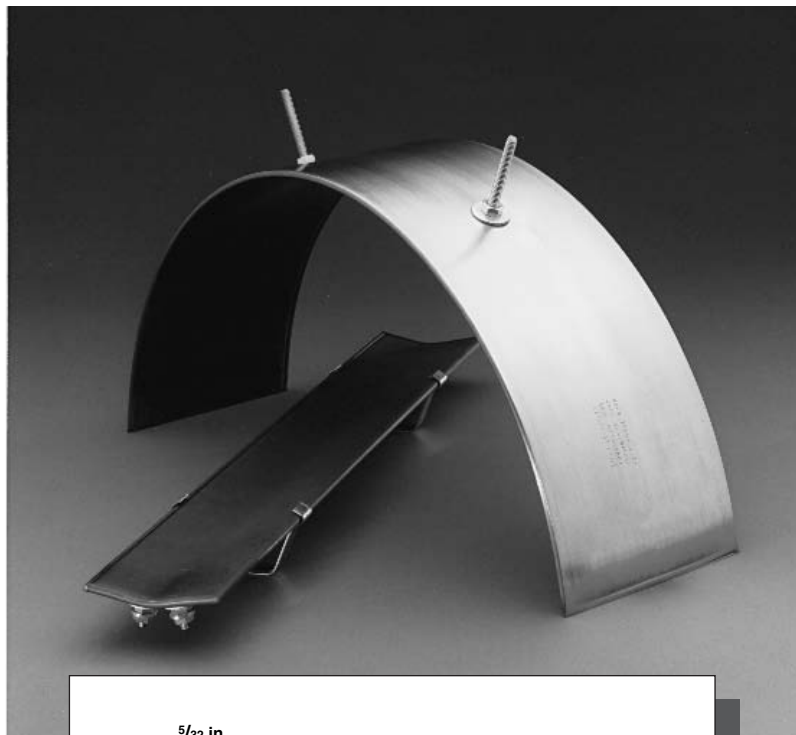
- Segment Length: 6 in (152.4 mm) min. to 42 in (1066.8 mm) max.
- Partial arcs to full 360° coverage: Consult Watlow.
- High emissivity coating on inside standard. For high emissivity coating on outside: Consult Watlow.
- Post terminals standard; high temperature Type H leads available.

Options

- Mounting studs
- Mounting clips for 3 inch wide emitter strips, part #MM6063
- Thermocouple welded to sheath
- Thermocouple pocket welded to sheath
- Bayonet fitting for VAT style thermocouple

Applications

- Heating rotating drums and rollers
- Tube ovens
- Small spot heating
- Heat shrinking and curing wire coatings
- Heat laminating wheels



How to Order

The radiant band/strip emitters are available **made-to-order** only. It is helpful to have the following information available:

- Heated width and length (or diameter for band emitters)
- Total wattage
- Voltage, single phase only
- Mounting studs, if desired
- Thermocouple or thermowell or thermocouple pocket, if desired

Availability

Made-to-Order: Consult Watlow