

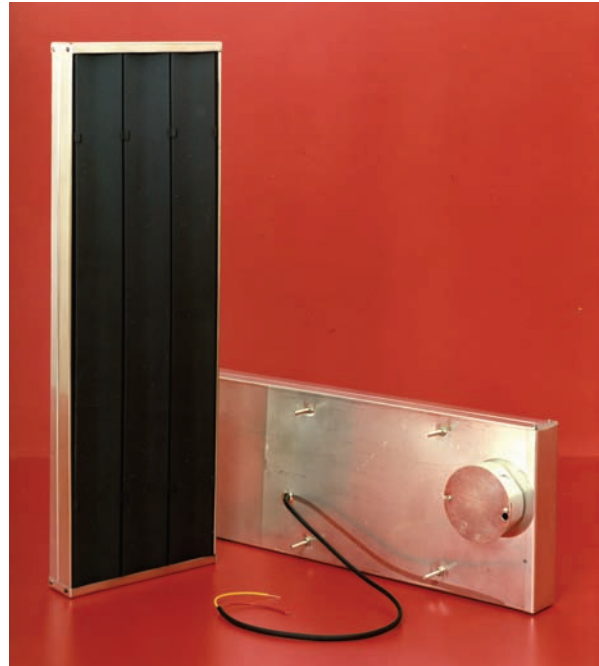
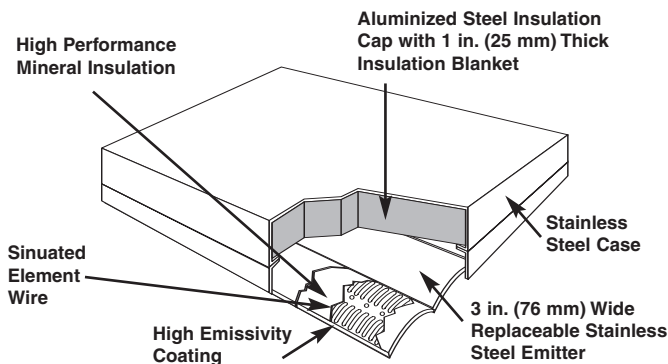
RAYMAX® 1330— Features Specially Insulated Heater Emitter Strips for Higher Performance

The RAYMAX® 1330 is the only radiant heater that features specially insulated heater emitter strips for higher performance. Watlow developed a unique compacted mineral insulation to electrically insulate the element wire, with a result of superior heat transfer and higher operating capabilities.

Because of its rugged stainless steel construction, the RAYMAX 1330 will last longer. And this relatively new heater features a high emissivity black coating and a uniform, full surface heat source for better efficiency.

Applications

- Thermoforming plastics and composites
- Circuit board soldering
- Heat shrinking of plastic
- Terminal box
- Thermowell
- Mounting studs
- Thermocouple welded to hot face



Features and Benefits

Field replaceable emitter strips

- Allow you to avoid the cost of buying a whole new radiant heater

Rugged metal construction

- Protects the heater from contaminants

No reflectors

- No cleaning or replacing

No fragile glass or ceramic elements

- No worries involved

One-inch thick backside insulation

- Provides better heating efficiency



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STL-1330-0805



Applications and Technical Data

Sizes and Ratings

Thickness

- 2.562 inches (65 mm)

Volts

- 120, 240, 480V~(ac), 1-phase. 3-phase available on units with three or six emitters.

Maximum Watt Density

- 30 W/in² (4.7 W/cm²)

Maximum Face Temperature

- 700°C (1300°F)

Typical Peak Energy Wavelength

- 3 microns

Heater Dim.	Minimum	Maximum	Increments
Heated width:	3.187 in (81 mm)	19.125 in (485.77 mm)	3.187 in (81 mm)
Length:	12 in (305 mm)	30.5 in (775 mm)	any

How to Order

The RAYMAX 1330 and 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 and phase
- Mounting studs, if desired
- Mounting legs and leg height, if desired
- Terminal location
- Terminal box, if desired
- Thermocouple or thermowell, if desired

Availability

Made-to-Order: Consult Watlow

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 700°C (1300°F), and 30 W/in² (4.7 W/cm²).

Applications

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

Sizes

Strip Emitters:

Width: 3 inches (76.2 mm)

Length: 6 inches (152.4 mm) min

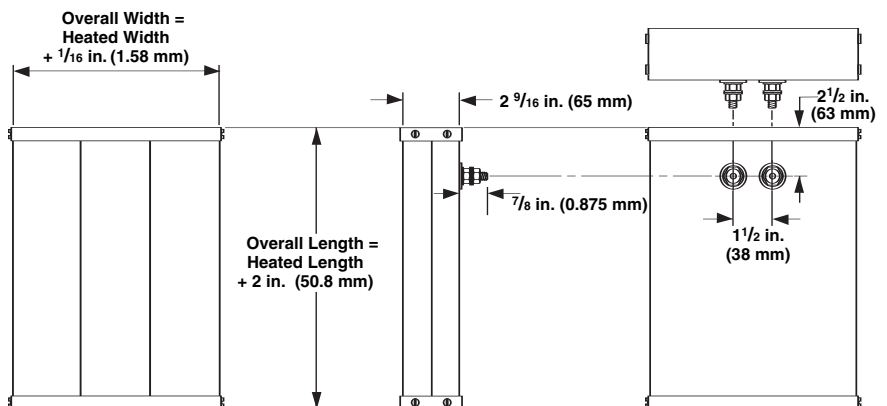
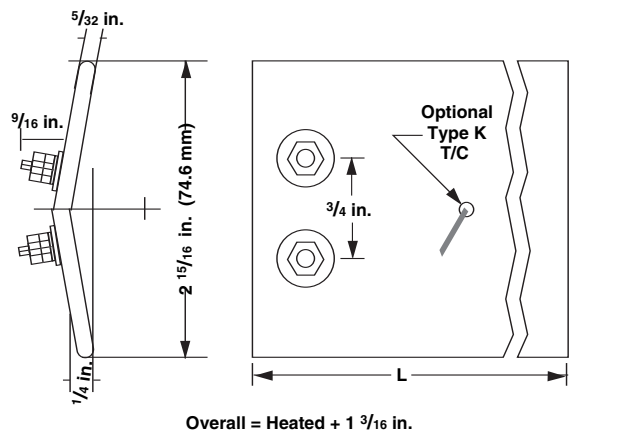
31 inches (76.2 mm) max

Band Emitters:

Width: 1 inch (25.4 mm) min

2 inch (50.8 mm)

3 inch (76.2 mm) max



To be automatically connected to the nearest North American Technical and Sales Office call:

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