Tempco Style RPM Radiant Panel Heaters have a stainless steel metal with a black finish for the emitter surface. The RPM Radiant Panel Heater is a good heater when a cleanable surface and a robust design is required.

The ceramic fiber refractory board is milled out in a uniform pattern to accept the helically wound iron/chromium/aluminum alloy resistance element. The resistance coils are set into the precision machined grooved board and cemented into place. A ceramic cloth is placed between the metal face and the resistance coils.

Tempco Style RPM Radiant Heaters can transmit up to 65.0% of the power input as infrared energy. They can be positioned as close as 2 to 4” from the material being heated.

**Typical Applications**
- Thermoforming
- Paint Drying
- Ink Drying
- Curing of Plastic Coatings
- Silk Screen Painting
- Food Warming
- Heat Setting
- Film Shrinking
- Blister Packaging

**SPECIFICATIONS**

**Maximum Size:** In addition to the standard sizes listed below, custom sizes up to 24"W × 48"L can be manufactured.

**Thickness:** Standard — 3", Optional — 1.5" to 5"

**Maximum Watt Density:** 15 Watts/in²

**Maximum Voltage:** Voltage can be single, dual or 3-phase up to 600 V AC (depending on heater size and wattage)

**Maximum Face Temperature:** 700°C (1292°F)

**Wavelength Range:** Between 3.0 and 6.0 microns (µm)

**Distributed Wattage and Zoning:** Yes, dependent on size

**Standard (Non-Stock) Sizes and Ratings of Style RPM Metal Face (SS) Infrared Heaters**

To complete the part numbers below, include the designated number that applies to the following options:

0 = Plain, no thermowell or T/C  1 = Thermowell only  2 = Thermowell and type K T/C  3 = Thermowell and type J T/C

Available Thermowell/Thermocouple types and descriptions can be found on page 7-95.

For the part numbers below, if a thermowell is specified, the standard Side Mount Thermowell with Clamp is supplied.

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<th>Width in</th>
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