

Radiant Process Heaters



Series CRH, CRD E-Mitters

Insulated Flat Face Short Neck Series CRH and Long Neck Series CRD Ceramic E-Mitters



CRH shown in white and CRD in metamorphing rose (cold) to grey (hot)

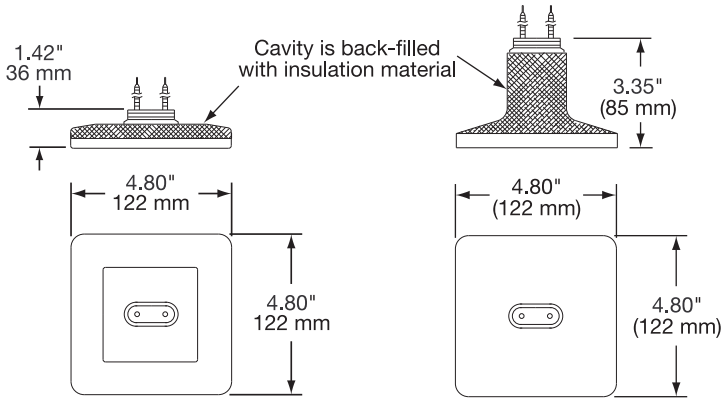
CRH and CRD E-Mitter Construction

1. **LESS MASS.** A special manufacturing process allows construction with thin walls that withstand larger temperature gradients. The embedded resistance coils heat up the low mass body at a faster rate, providing considerable energy savings.
2. **SUPERIOR INSULATING MATERIAL.** The hollow inner area is filled with low-mass ceramic fiber to further insulate the contact region from the e-mitter surface, resulting in an improved operating life.

Design Features

- * *Universal mount designed to be dropped into existing systems regardless of manufacturer*
- * *Standard colors are metamorphing rose (cold) to grey (hot), and traditional white. Optional colors are metamorphing yellow (cold) to orange (hot), and black*
- * *Standard stocked voltage: 120 or 220/240V as noted; other voltages are available*
- * *Available with built-in type K thermocouple. Optional type J thermocouple is also available.*
- * *Long operating life – over 10,000-plus hours of continuous operation under normal conditions*
- * *Performance is unaffected by vibration or adverse atmospheric conditions*
- * *2.5 to 6µm infrared radiation wavelength*

Slot size for ceramic mounting heads
0.593" X 1.688" oblong hole



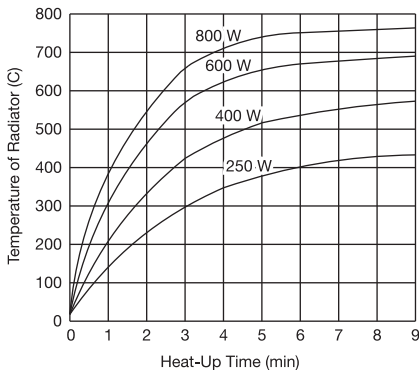
Series CRH Dimensions

Series CRD Dimensions

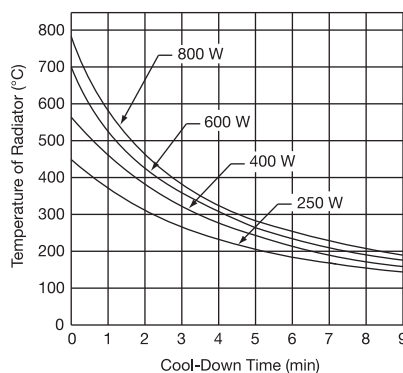
Optional Features

- * *Additional Power or Thermocouple Lead Lengths (page 7-23)*
- * *Two-Piece Wave Mounting Clip (page 7-14)*
- * *Reflectors and Other Accessories (pages 7-20 through 7-23)*
- * *Arrays and Power/Temperature Control Panels (start on page 7-15)*

Warm-up Curve
CRH Short Shaft



Cool-Down Curve
CRH Short Shaft



Warm-up Curve
CRD Long Shaft

