

Metal Faced Radiant Panels

The M-Series Panel

Metal is the standard face on the M-Series panel heaters. The face can be manufactured using either hard-coated aluminum or porcelainized steel.

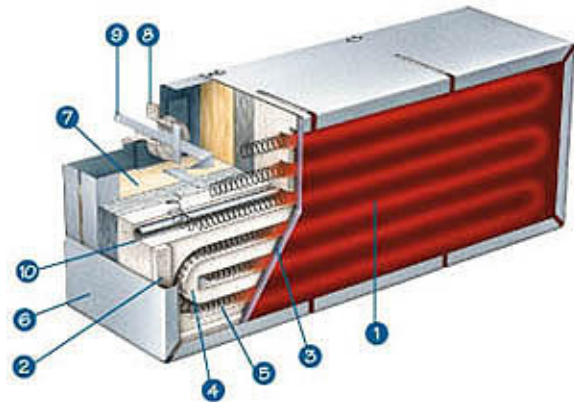
A metal face is used for industrial applications in which there is a possibility that materials will fall onto the heater's face. Although a metal face heater is more durable than a glass face heater, A metal face heater absorbs all of the energy and re-radiates it to the process. Especially demanding applications sometimes require a slightly different design that makes use of a hard-coated aluminum face constructed in a cap (pan) style. This design ensures that materials definitely can not penetrate the heater.



The M-Series heater can be constructed as wide as 24" (610 mm) and as long as 48" (1219 mm), though not that width and length in the same heater.

Features & Benefits

- Glass or metal emitter surface material
- Ceramic standoffs used to keep electrically conductive material separated from resistance wire
- High-temperature cement bond
- Refractory board to hold resistance wire
- Precision-resistance wire
- Heavy gauge aluminized steel frame
- Blanket insulation layer
- Ceramic bushings to insulate terminals
- Stainless steel terminals



The warm-up curves are measured from heaters running facedown in open air. The thermocouple is located in a standard location inside a thermowell behind the coil. The curves will change depending on the environment and thermocouple location.

