

### Infrared Panel Heater Options

#### Construction Options

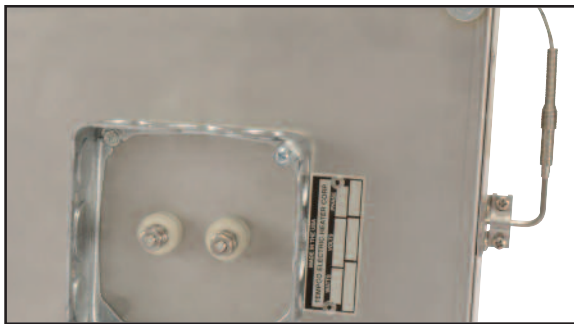
The standard enclosure case is aluminized steel. Aluminized steel is the optimum choice for most applications. It will reach 650°C/1200°F without discoloring or degrading.

304 Stainless Steel is available when cleanliness is of the utmost importance. (Note: 304 SS will discolor at a lower temperature than aluminized steel).

Rivets are normally used to hold the case together. In addition to the side slots, this allows for expansion/contracting of the case and minimizes potential warping. There are applications that require minimal potential particulate matter. For these applications the side slots are not put in and the metal seams can be welded closed.



### Thermowell/Thermocouple Temperature Sensing Options



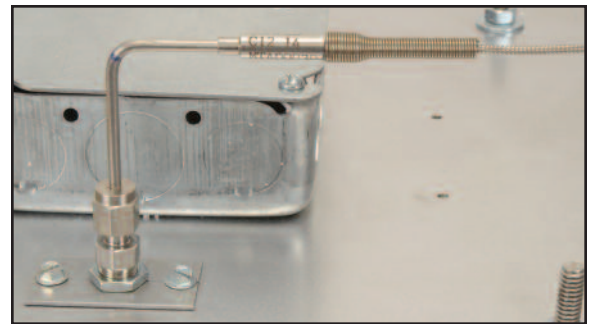
#### Standard Side Mount Thermowell with Clamp

The standard Side Mount Thermowell with Clamp is a 5" long, 4 mm ID quartz glass tube, installed in the short side of the panel, just behind the resistance coil. The screw pressure clamp and thermowell are designed to hold a 0.125" diameter probe.

#### Replacement TC Probes (with 48" leads, SS overbraid)

Type K — Part Number MTA00839

Type J — Part Number MTA00840



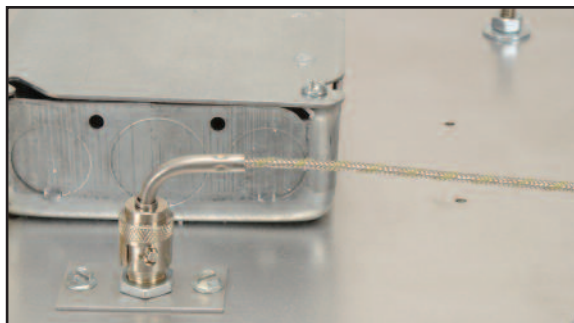
#### Back Mount Thermowell with Compression Fitting

The optional Back Mount Thermowell with Adjustable Compression Fitting is a short, 4 mm ID quartz glass tube, mounted perpendicular to the face with a ceramic disk at the bottom. The compression fitting and glass tube are sized for a 0.125" diameter probe.

#### Replacement TC Probes (with 48" leads, SS overbraid)

Type K — Part Number MTA00839

Type J — Part Number MTA00840



#### Back Mount Thermowell with Bayonet Fitting

The optional Back Mount Thermowell with Bayonet Fitting is a short, 8 mm ID quartz glass tube, mounted perpendicular to the face with a ceramic disk at the bottom. The bayonet fitting and glass tube are sized for a 0.187" diameter probe.

#### Replacement TC Probes (with 48" leads, SS overbraid)

Type K — Part Number TCP50270

Type J — Part Number TCP50269



#### Back Mount Thermowell – Parallel to Face

The optional Back Mount Thermowell (Parallel to Face) is a 5", 6 mm ID quartz glass tube with a soft 90° bend, mounted along the face, exiting in the rear. A maximum 0.063" diameter probe is required to make the bend. Screws and ceramic spacers are provided.

#### Replacement TC Probes (with connector set)

Type K — Part Number MTA01546

Type J — Part Number MTA01775