



PRESSED-IN BRASS COIL HEATER

APPLICATION

Brass conducts heat excellently, allowing pressed-in brass coil heaters to provide efficient and consistent heat transfer. Our heaters ensure that the target area is heated uniformly, thus improving the quality of the final product. The design withstands high temperatures, corrosion, wear and harsh environments, leading to a longer operational life and reduced need for frequent replacements. The pressed-in design allows these heaters to be compact and fit into smaller spaces. This is particularly beneficial in applications where space is limited but precise heating is required. The tight and efficient bond between the heating element and the brass housing enhances thermal conductivity and reduces heat loss, contributing to better overall heating performance. These features also contribute to a simple and secure installation.



SPECIFICATIONS

- **1.8mm(.071") Thick X 3.2mm(.126") Wide**
- **Thermocouple:** Integrated type J or type K
- **Maximum Sheath Temperature:** 1382 deg. F
- **Sheath Material:** Cr-Ni Steel
- **Maximum Total Straight Length:** 3000mm (118.11")
- **Length Tolerance:** Heated +/-1%; Unheated +/- 2.5%
- **Maximum Voltage:** 250VAC
- **High Voltage Stability:** 800 VAC
- **Wattage Tolerance:** +/-10% (contact hotset for special)
- **Minimum Bending Radius:** 8mm (.315")
- **Watt Density:** 38.7 Watts/ln2
- **Insulation Resistance:** >=5M Ohm @ 500 VDC (cold)
- **Leakage Current:** <= 0.1mA @ 253 VAC (cold)
- **Length of Unheated Zone:** 65mm(2.56"); 25mm(1.00") Transition Head
- **Standard Connection from Stock:** 48" Teflon Leads.

OPTIONS

- Custom wound for same day shipments
- Flexible cold section
- Higher watt density as compared to cable heater
- Centered resistance wire for more repeatable heat profile
- Moisture resistant sealed transition head available