

# **SCREW PLUG HEATERS**



Screw Plug Immersion Heaters are ideal for immersion in liquids, where space and connections are a problem. These Heaters are installed in medium to small size containers at pressures up to 3000 PSI. Watt densities from 90 Watts/sq. inch, Explosion Proof (NEMA 7), Corrosion Resistant (NEMA 4X), and General Purpose Terminal housings are available.

A number of sheath materials like Titanium, Incoloy, Stainless Steel, Steel, and Copper can be used as required for specific applications. To guarantee sheath material and watt density compatibility with material or process being heated consult HCS.

- High watt densities, wattage's in smaller areas
- Passivated 316 Stainless Steel option
- Sheath temperatures to 1200°F
- Low watt densities possible for delicate applications
- NPT sizes from 1 " to 2 1/2"
- Applications solids, liquids, gases.

## **Heaters Specifications / Options:**

- Voltages. . . . . 120 to 600 Volts Single or Three Phase
- Wattage's. . . . . Varied from 150 watts to 50 Kilowatts
- Sheath Materials. . . . . Titanium, Monel, Incoloy, 316/304 Stainless, Steel Copper, Carbon Steel
- Max Temperatures. . . . . Incoloy 1600 degrees F (870 C)
- Screw Plug Sizes NPT. . . . . 1 ", 1 1/4", 2", and 2 1/2" BSP sizes call HCS
- Terminal Enclosures. . . . . General Purpose (NEMA 1 ), Moisture Resistant (NEMA 4), Corrosion Resistant ( NEMA 4X), Explosion Resistant (NEMA 7), Explosion Moisture Resistant (NEMA 7/4)
- Temperature control. . . . . Thermocouple, RTD, or Thermostat
- High Limit. . . . . High Limit Thermocouple, Hi Limit Tstat,
- Approvals CSA, UL Certification. . . . . ASME, CRR

***60- Meg Dr Unit 13  
London Ont N6E 3T6  
Ph (519) 686 2715 Fax (519) 686 8159***