

Thermal Solutions of Texas provides process heating solutions for almost any application. Our immersion heaters come with a variety of electrical enclosures, sheath materials and sizes. Circulation heaters provide a ready-made means to install electric heating with a minimal amount of time and labor.

Screw Plug Immersion Heaters

Ideal for direct immersion heating of liquids, these heaters are available in a variety of stock and made to order sizes, featuring round and flat tubular elements. Elements are hairpin bent and screw directly into threaded openings in tank walls.

- *Watt densities to 60W/in²*
- *Wattages to 20kW*
- *Voltages to 600 VAC*
- *Incoloy sheath temperatures to 1600°F*
- *Brazed elements produce a pressure-tight seal*
- *Built in thermostats ensure safe operation*
- *NEMA enclosures for most environments*

Flanged Immersion Heaters

Easy to install and maintain, our flange heaters are designed for heating liquids and gases in tanks and pressure vessels and applications requiring higher kilowatts. Elements are brazed or welded to a flange and are equipped with a NEMA 1 terminal enclosure.

- *Watt densities to 100W/in² and Wattages to 3 Megawatts*
- *USL and CSA component recognition to 600 VAC*
- *Incoloy sheath temperatures to 1600°F*
- *The right heater size-to-application fit*
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Circulation Heaters

Made from NPT screw plug or ANSI flange heater assemblies mated with a pressure vessel (tank), these heaters are designed to heat forced-circulation air, gases or liquids and deliver fast response and even heat distribution. Units can be made from a wide range of heating element materials, wattages, sizes, pressure ratings, enclosures and controls.

- *Watt densities to 120W/in² and Wattages to 3 Megawatts*
- *USL and CSA component recognition to 600 VAC*
- *Ratings to ANSI Class 600 pressure class*
- *Incoloy sheath temperatures to 1600°F*
- *Thermal insulation rated to 750°F*

