



## Over-The-Side Immersion Heaters



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### Over-The-Side Immersion Heaters-Description

Over-the Side Immersion heater elements are designed for installation from the top of tanks where through-the-wall heaters like flanged immersion or screw-plug heaters cannot be installed. These Heaters are available in many configurations, with partially unheated sections, thermostats, wash down or corrosion resistant enclosures. Over the side heaters are available with various sheath materials like 316 SS, Titanium, Copper, Steel, Incolloy, Teflon Coated or Quartz for acids. Can be made in various shapes and sizes and are normally designed for particular applications, however certain sizes are also available from stock.

### Features:

- Portable and easily removable
- Lightweight in construction
- Variety of shapes available "Z" "O" "L" inverted "T" "M" Immersed along the side or the bottom of tank

- Self contained with built in thermostat or temperature sensors
- NEMA 4/4X enclosures for moisture protection
- Sheath materials for corrosive liquids, acids, caustic etc.

**Specifications Design Capabilities:**

Voltages. . . . . 120, 208, 240, 377, 480, 575, 600 volts  
 Phase. . . . . Single and three phase Enclosures. . . . .  
 NEMA 12, NEMA 4, NEMA 4X, NEMA 7, Wattage's. . . . .1  
 to 150 Kilowatts  
 Watt Densities. . . . . 7 to 60 watts/inch  
 Passivation. . . . . Provided for critical applications  
 Sludge Legs. . . . . Available 4" normal height  
 Sensors. . . . . Thermostats, RTD's, Thermocouples Hi Limit Thermocouple, Bulb & Capillary  
 Multiple Circuits. . . . . Possible with certain designs  
 Materials. . . . . Copper, Incoloy, 304/316 Stainless, Titanium, Teflon Coated, Steel



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