

Flanged Immersion Heaters

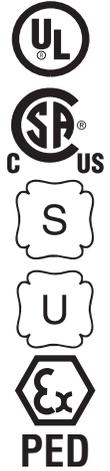
Overview

Flanged Immersion Heaters consist of hairpin bent tubular elements welded or brazed into a flange and provided with wiring boxes for electrical connections. Flange heaters are installed by bolting to a matching flange welded to the tank wall or nozzle. A wide selection of flange sizes, kilowatt ratings, voltages, terminal enclosures and sheath materials make these heaters ideal for all types of heating applications.

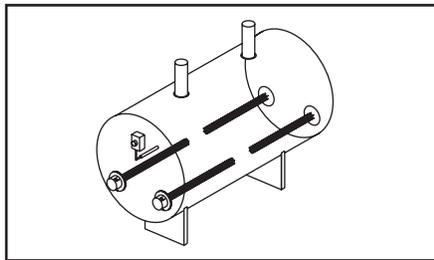
Applications

Flanged immersion heaters are one of the most widely used methods for heating gases and liquids (such as water, oil, heat transfer fluid and corrosive solutions). Designed for use in tanks and pressurized vessels, they are easy to install and maintain to provide heat for many processes. The direct immersion method is energy efficient and easily monitored and controlled.

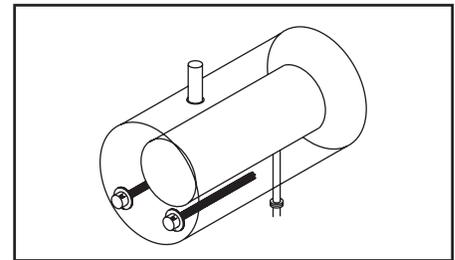
- Hot Water Storage Tanks
- Warming Equipment
- Preheating All Grades of Oil
- Food Processing Equipment
- Cleaning and Rinsing Tanks
- Heat Transfer Systems
- Process Air Equipment
- Boiler Equipment
- Freeze Protection of Any Fluid



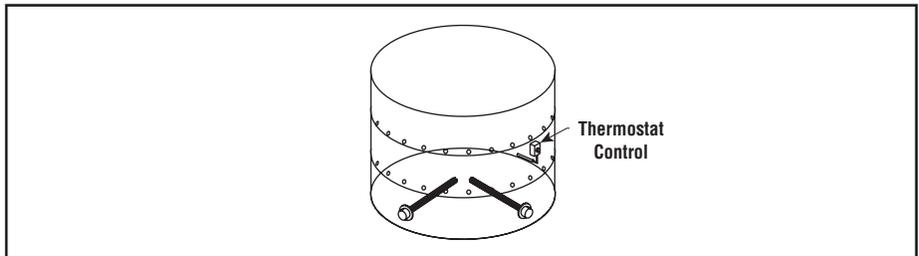
Typical Applications



Flange heaters mounted on each end of hot water storage tank or for an efficient shower system.



Flange heaters in tank of water to heat inner tank of viscous materials.



Flange heaters mounted angularly around tank bottom permitting free vertical work area.