



Over-the-Side Immersion Heaters are designed for installing in the top of a tank with the heated portion directly immersed along the side or at the bottom. This provides easy removal of the heater and ample working space inside the tank. These heaters are available with heating elements made of Copper, Steel, Stainless Steel, Cast Iron, INCOLOY®, Titanium, Fluoropolymer coated, and Quartz. A wide selection of kW ratings, shapes and mounting methods are available to suit many different types of applications.

### Configurations

#### L-Shaped

This type of heater puts the heat at the bottom of the tank. The vertical riser is unheated, so lower liquid levels are acceptable. Many types of heating element materials are available along with various riser heights and element configurations. Legs are provided at the bottom of most heaters to prevent direct contact of the heating element with the bottom of the tank.

#### Side Mount/Top Mount

This heater is placed on the side of the tank with mounting brackets for easy installation. A cold section is provided at the top of the heater for various levels of liquid in the tank (consult heater specification tables for the specific length of the cold section). Low profile side mounted heaters provide more working space in the heated tank.

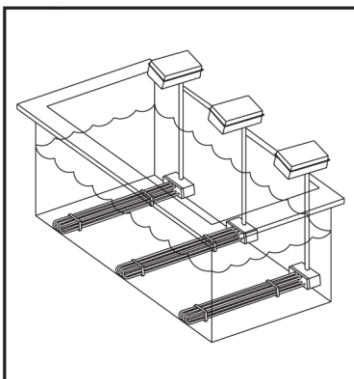
#### Heat/Cool Exchangers

Side mounted metal or fluoropolymer coils provide heat or cooling of tanks from remote mounted heating or cooling sources.

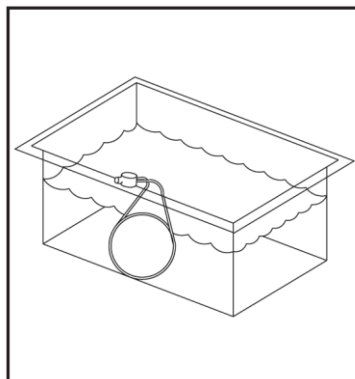
### Applications

The large variation in heating element material and shapes of over-the-side immersion heaters offers a wide selection in the application of these units. Water, oils, solvents, plating baths, salts and acids are some of the many liquids and viscous materials commonly heated with immersion heaters. Over-the-side types permit portability, easy removal for cleaning of tanks and heaters and ample working area within the tank when installed.

**L Shaped Installation**



**Side Mount Installation**



**Deep Tank Installation**

