

Tank Immersion Heaters

Over-the-Side Chemical Bath Immersion Heaters

Tempco Over-the-Side Chemical Bath Immersion Heaters offer a wide variety of sheath materials and heater configurations to cover the widest possible spectrum of chemical heating applications. From plain steel to PTFE covered, Tempco is sure to have the correct heater for even the most difficult solution.

Built-in thermal overload protection prevents premature heater burnout in low liquid level conditions. This thermal protection also guards against a potentially hazardous situation should the heater be in close proximity to combustibles, such as a plastic tank or the medium being heated.

3 Construction Styles to select from...



Teflon®

- Low watt density for long service life
- Non-contaminating .030 PTFE covered stainless steel element
- Lightweight, non-floating construction
- Polypropylene guards (optional PTFE guards for chromic acids or solutions exceeding 180°F)



Quartz

- Replaceable element and quartz tube
- Standard heater with polypropylene guard (optional PTFE guards for chromic acids or solutions exceeding 180°F)



Metal Tube

- Variety of materials including steel, SS 304, SS 316, and titanium for chemical compatibility
- Rugged, long-lasting construction

Design Features

- * Heavy duty, long-lasting construction
- * Standard thermal protection
T1 replaceable, standard
T2 resettable, optional
- * Fully grounded for safety
- * Vapor-tight polypropylene terminal enclosure
- * Standard 3 ft. flexible PVC liquid-tight conduits and leads



Agency
Approval

Tempco TMT, TMM (except plain steel) and KMH (up to 4KW/assembly) are UL listed in the US and for Canada under UL File Number E176527.