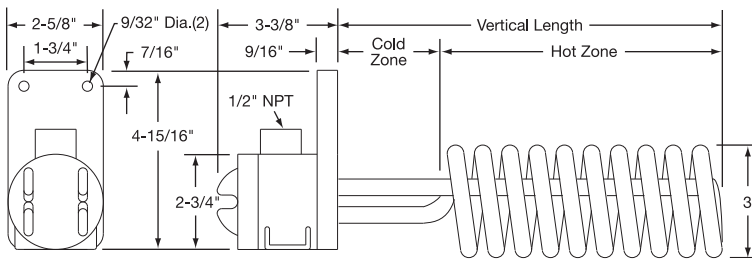
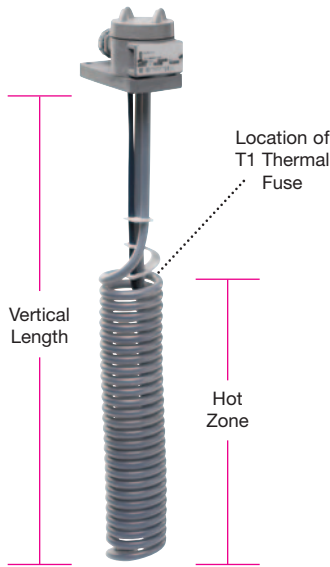


Tank Immersion Heaters

Fluoropolymer (PTFE) Single-Element Coil Heater



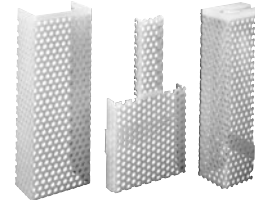
Typical Applications

Compatible with most plating tank solutions; inert to acids, anodizing and pickling solutions up to 190°F (88°C). Check compatibility guide on pages 11-88 and 11-89 and with chemical supplier for proper sheath material selection.

Replaces more expensive alumina or graphite heaters.

Design Features

- * 10 watts/in² (1.6 watts/cm²) for long service life
- * Non-contaminating Fluoropolymer (PTFE) covered stainless steel elements
- * T1 thermal fuse protection standard; T2 bi-metal switch optional
- * Grounded internal metal element for safety
- * UL listed for US and Canada
- * Lightweight, non-floating construction
- * Vapor-tight polypropylene terminal enclosure with universal mounting flange
- * Standard 3-ft. flexible PVC liquid-tight conduit
- * Single-Phase only
- * 120, 240, 480 volts standard as listed — other voltages available
- * Longer and shorter vertical lengths available; consult Tempco



Note: Guards are recommended for all fluoropolymer heaters. Standard guards are made of polypropylene. Fluoropolymer (PTFE) guards are available for chromic acid and temperatures above 180°F (82°C).

Standard (Non-Stock) Sizes and Ratings with Polypropylene Guard

Watts	Part Number			Hot Zone		Vertical Length	
	120V	240V	480V	in	mm	in	mm
500	TMT01001	TMT01002	—	5	127	11	279
1000	TMT01003	TMT01004	—	7	178	11	279
2000	TMT01005	TMT01006	TMT01007	12	305	17	432
3000	—	TMT01008	TMT01009	16	406	23	584
4000	—	TMT01010	TMT01011	20	508	29	737
5000	—	TMT01012	TMT01013	25	635	35	889
6000	—	TMT01014	TMT01015	29	737	40	1016

Ordering Information

Catalog Heaters

The part numbers given are for the complete assembly including the heater, poly guard, and T1 thermal protector.

Other optional assemblies may be ordered; consult Tempco for the catalog number.

Custom Engineered/Manufactured Heaters

For sizes and ratings not listed, **TEMPCO** will design and manufacture a heater to meet your requirements. **Standard lead time is 2 to 3 weeks.**

Please Specify the following:

- Hot Zone and Vertical Length per model
- Voltage and Wattage
- PVC liquid-tight conduit length (3 ft. standard)

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.