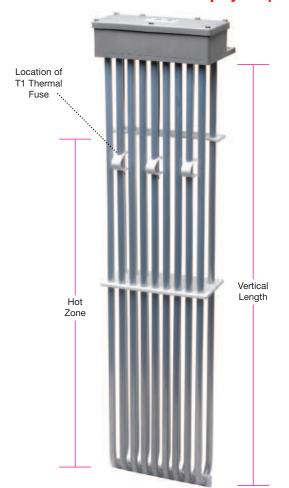
Industrial Process Heaters



Tank Immersion Heaters

Fluoropolymer (PTFE) Nine-Element Over-the-Side Heater



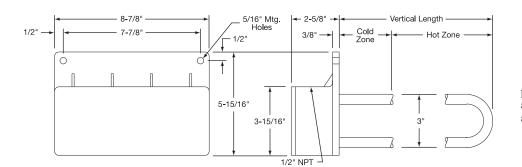
Typical Applications

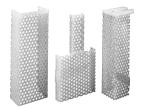
Compatible with most plating tank solutions; inert to acids, anodizing and pickling solutions up to 190°F (88°C). Check compatibility guide on pages 11-88 and 11-89 and with chemical supplier for proper sheath material selection.

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 bracket
- * Standard 3-ft. flexible PVC liquid-tight conduit
- * Standard three-phase wiring
- * 240, 480 volts standard as listed other voltages available
- * Longer 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



1		Part Number			Hot Zone		Vertical Length	
	Watts	120V	240V	480 V	in	mm	in	mm
	3000	_	TMT08001	TMT08002	9	229	17	432
	4500	_	TMT08003	TMT08004	15	381	23	584
	6000	_	TMT08005	TMT08006	21	533	29	737
	9000	_	TMT08007	TMT08008	28	711	35	889
	12000	_	TMT08009	TMT08010	38	965	47	1194
1	15000	_	TMT08011	TMT08012	47	1194	59	1499
	18000	_	TMT08013	TMT08014	55	1397	68	1727

Standard lead time is 2 to 3 weeks.