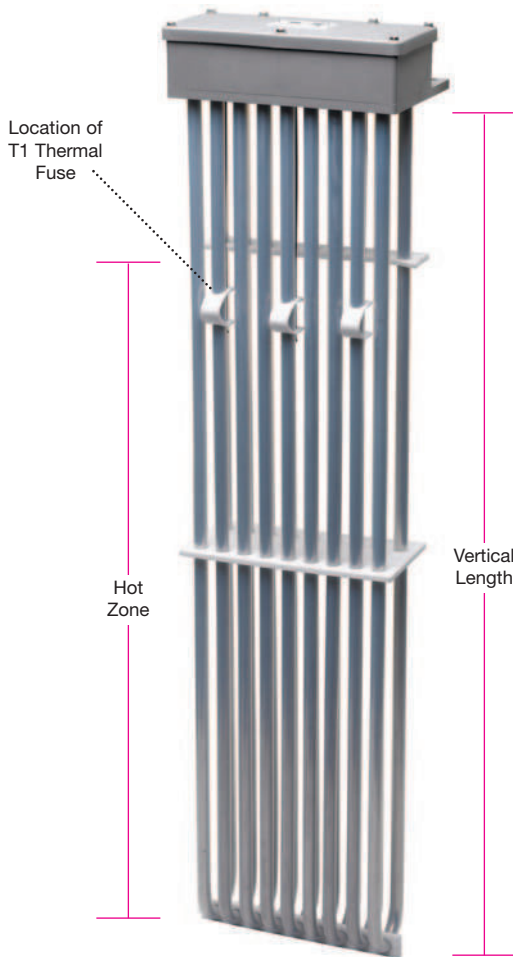


### Fluoropolymer (PTFE) Nine-Element Over-the-Side Heater



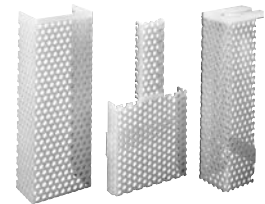
#### Typical Applications

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.

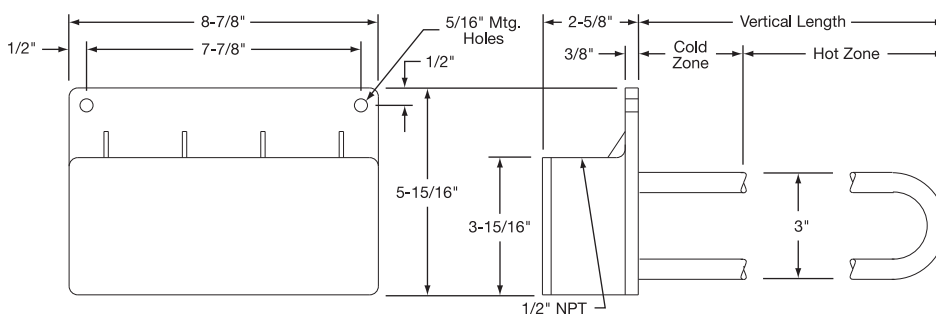
**Replaces more expensive alumina or graphite heaters.**

#### Design Features

- \* 10 watts/in<sup>2</sup> (1.6 watts/cm<sup>2</sup>) 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

Watts	Part Number			Hot Zone		Vertical Length	
	120V	240V	480V	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
15000	—	TMT08011	TMT08012	47	1194	59	1499
18000	—	TMT08013	TMT08014	55	1397	68	1727

**Standard lead time is 2 to 3 weeks.**

#### Ordering Information

See page 11-90