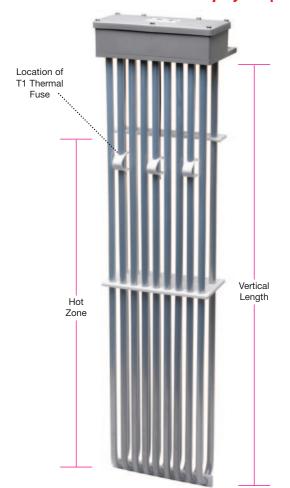
# **Industrial Process Heaters**



#### **Tank Immersion Heaters**

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



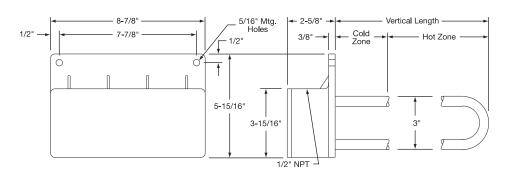
### **Typical Applications**

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/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



(		Part Number			Hot Zone		Vertical Length	
	Watts	120V	240V	480 <b>V</b>	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.