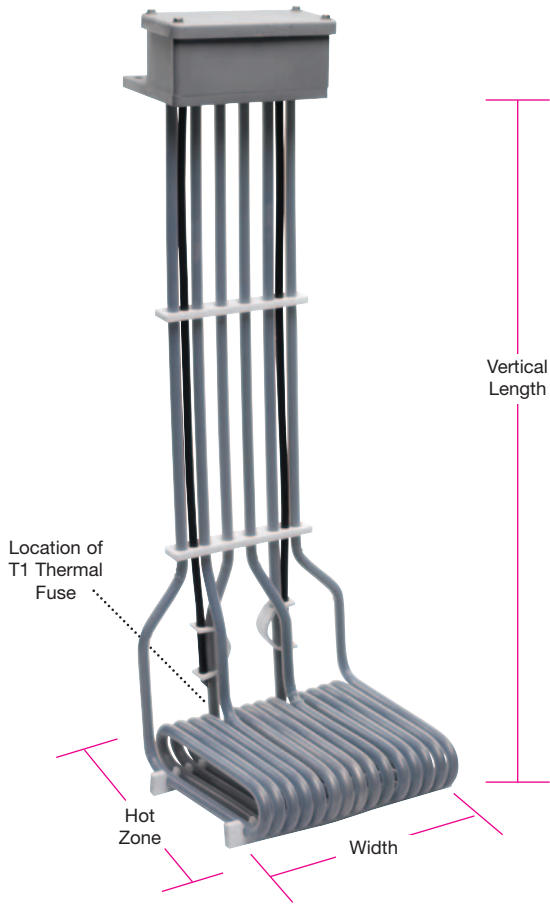


### Fluoropolymer (PTFE) Three-Element L-Shaped Heater



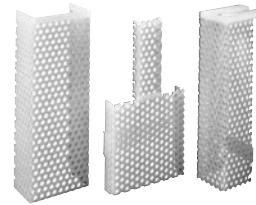
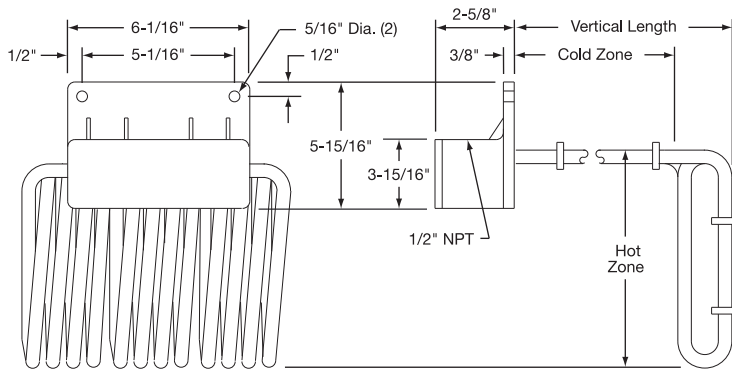
#### Typical Applications

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

- \* Low profile bottom design for even heating and varying liquid levels
- \* 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 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		Width	
	120V	240V	480V	in	mm	in	mm	in	mm
3000	—	TMT05001	TMT05002	13	330	18	457	8.0	203
6000	—	TMT05003	TMT05004	19	483	18	457	10.5	268
9000	—	TMT05005	TMT05006	23	584	18	457	10.5	268
12000	—	TMT05007	TMT05008	30	762	18	457	10.5	268
15000	—	TMT05009	TMT05010	36	914	18	457	10.5	268
18000	—	TMT05011	TMT05012	42	1067	18	457	10.5	268

Standard lead time is 2 to 3 weeks.

#### Ordering Information

See page 11-90