**Fluoropolymer (PTFE) Single-Element Round 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**

- Flat, low profile design
- 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**

<table>
<thead>
<tr>
<th>Watts</th>
<th>120V</th>
<th>240V</th>
<th>480V</th>
<th>Hot Zone</th>
<th>Vertical Length</th>
<th>Diameter</th>
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<tr>
<td>500</td>
<td>TMT03001</td>
<td>TMT03002</td>
<td>—</td>
<td>6 152</td>
<td>14 356</td>
<td>5 127</td>
</tr>
<tr>
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<td>TMT03003</td>
<td>TMT03004</td>
<td>—</td>
<td>7 178</td>
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<tr>
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<td>TMT03006</td>
<td>TMT03007</td>
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**Ordering Information**
See page 11-90

**View Product Inventory @ www.tempco.com**

Standard lead time is 2 to 3 weeks.