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*

<table>
<thead>
<tr>
<th>Watts</th>
<th>Part Number</th>
<th>Hot Zone</th>
<th>Vertical Length</th>
<th>Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>120V</td>
<td>240V</td>
<td>480V</td>
<td></td>
</tr>
<tr>
<td>500</td>
<td>TMT03001</td>
<td>—</td>
<td>6 152</td>
<td>14 356</td>
</tr>
<tr>
<td>1000</td>
<td>TMT03003</td>
<td>TMT03002</td>
<td>14 356</td>
<td>5 127</td>
</tr>
<tr>
<td>2000</td>
<td>TMT03004</td>
<td>TMT03006</td>
<td>14 356</td>
<td>6 152</td>
</tr>
<tr>
<td>3000</td>
<td>TMT03005</td>
<td>TMT03007</td>
<td>14 356</td>
<td>6 152</td>
</tr>
<tr>
<td>4000</td>
<td>—</td>
<td>TMT03008</td>
<td>14 356</td>
<td>8 203</td>
</tr>
<tr>
<td>5000</td>
<td>—</td>
<td>TMT03009</td>
<td>17 432</td>
<td>8 203</td>
</tr>
<tr>
<td>6000</td>
<td>—</td>
<td>TMT03010</td>
<td>17 432</td>
<td>8 203</td>
</tr>
</tbody>
</table>

*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**

**Ordering Information**
See page 11-90

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