Fluoropolymer (PTFE) Single-Element L-Shaped 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
✴ Low profile bottom design for even heating and varying liquid levels
✴ 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

Ordering Information
See page 11-90

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 Length</th>
<th>Vertical Length</th>
<th>Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>500</td>
<td>TMT04001</td>
<td>TMT04002</td>
<td>—</td>
<td>5</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td>1000</td>
<td>TMT04003</td>
<td>TMT04004</td>
<td>—</td>
<td>6</td>
<td>12</td>
<td>6</td>
</tr>
<tr>
<td>2000</td>
<td>TMT04005</td>
<td>—</td>
<td>TMT04006</td>
<td>8</td>
<td>18</td>
<td>8</td>
</tr>
<tr>
<td>3000</td>
<td>TMT04008</td>
<td>TMT04009</td>
<td>TMT04007</td>
<td>9</td>
<td>18</td>
<td>9</td>
</tr>
<tr>
<td>4000</td>
<td>—</td>
<td>—</td>
<td>TMT04010</td>
<td>11</td>
<td>18</td>
<td>11</td>
</tr>
<tr>
<td>5000</td>
<td>—</td>
<td>—</td>
<td>TMT04012</td>
<td>12</td>
<td>18</td>
<td>12</td>
</tr>
<tr>
<td>6000</td>
<td>—</td>
<td>—</td>
<td>TMT04014</td>
<td>13</td>
<td>18</td>
<td>13</td>
</tr>
</tbody>
</table>

Standard lead time is 2 to 3 weeks.

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).