Fluoropolymer (PTFE) Single-Element Coil 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/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 Tempo

Standard (Non-Stock) Sizes and Ratings with Polypropylene Guard

<table>
<thead>
<tr>
<th>Watts</th>
<th>Part Number</th>
<th>Hot Zone in</th>
<th>Vertical Length in</th>
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<tbody>
<tr>
<td></td>
<td>120V</td>
<td>240V</td>
<td>480V</td>
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<tr>
<td>500</td>
<td>TMT01001</td>
<td>TMT01002</td>
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<tr>
<td>1000</td>
<td>TMT01003</td>
<td>TMT01004</td>
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<td>TMT01005</td>
<td>TMT01006</td>
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<td>TMT01008</td>
<td>TMT01009</td>
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<tr>
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<td>TMT01010</td>
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<td>5000</td>
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<td>6000</td>
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<td>TMT01014</td>
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</tbody>
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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).

Catalog Heaters
The part numbers given are for the complete assembly including the heater, poly guard, and T1 thermal protector.

For sizes and ratings not listed, TEMPCO will design and manufacture a heater to meet your requirements. **Standard lead time is 2 to 3 weeks.**

**Please Specify** the following:
- Hot Zone and Vertical Length per model
- Voltage and Wattage
- PVC liquid-tight conduit length (3 ft. standard)

**WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

View Product Inventory @ www.tempco.com