**Typical Applications**
For plating tanks, rinse tanks and other non-sludging aqueous solutions. Check compatibility guide on pages 11-88 and 11-89 and with chemical supplier for proper sheath material selection.

**Design Features**
- 35 watts/in² (5.5 watts/cm²) for long service life
- Space-saving vertical configuration
- Bottom mount design for even heating and varying solution levels
- Standard 2” sludge legs (longer available)
- Heavy duty, long lasting construction
- T1 thermal fuse protection standard; T2 bi-metal switch optional
- Grounded for safety
- UL listed except Plain Steel; for US and Canada
- Vapor-tight polypropylene terminal enclosure
- Standard 3-ft. flexible PVC liquid-tight conduit
- Three-Phase standard; single-phase available as option
- 240, 480 volts standard as listed — other voltages available
- Longer and shorter vertical lengths available; consult Tempco

<table>
<thead>
<tr>
<th>Watts</th>
<th>Hot Zone (in.)</th>
<th>V. Length (mm)</th>
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<tr>
<td>3000</td>
<td>13</td>
<td>330</td>
</tr>
<tr>
<td>6000</td>
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<td>432</td>
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<td>914</td>
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<tr>
<td>36000</td>
<td>64</td>
<td>1626</td>
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</tbody>
</table>

**Thermal Over-Temperature Protection**
- **Thermal Fuse**
  - TL – Solutions up to 180°F
  - TM – Solutions from 180°F to 220°F
  - TH – Solutions from 220°F to 300°F
- **Bi-Metal Switch**
  - 2L – Solutions up to 180°F
  - 2M – Solutions from 180°F to 220°F
  - 2H – Solutions from 220°F to 300°F

**Conduit Length**
- 36” standard

**Ordering Code:** T M M 5

**Material**
- A – Steel
- B – 304 SS
- C – 316 SS
- T – Titanium

**Voltage**
- 1 – 120
- 2 – 240
- 4 – 480

**Phase:** 1 or 3

**Standard lead time is 2 to 3 weeks.**

**Ordering Information**
TMM5 heaters are offered with the options listed in this worksheet. Create an ordering code by filling in the blanks with the appropriate number and/or letter designation for your requirements, and a part number will be assigned.

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