Fluoropolymer (PTFE) Single-Element L-Shaped 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
✴ 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.

Location of T1 Thermal Fuse

Vertical Length

Ordering Information
See page 11-90

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

<table>
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<tr>
<th>Watts</th>
<th>120V Part Number</th>
<th>240V Part Number</th>
<th>480V Part Number</th>
<th>Hot Zone in</th>
<th>Hot Zone mm</th>
<th>Vertical Length in</th>
<th>Vertical Length mm</th>
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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).