**HXSL Series, Flex Riser**

**Fluoropolymer (PTFE) Heaters**

**Excellent chemical resistance to aggressive acids!**

- Inert to most solutions
- Low Watt density design saves space & ensures long life
- Corrosion-resistant head
- Built-in thermal protector & grounded element

**Up to 100°C (212°F)**
- 1000 to 6,000 Watts
- 120 to 600 Volts
  - (600V on 4,500W or lower only)
- PTFE sleeved 304 stainless steel
- CE (except 600 Volts)

**HXSL SERIES, FLEX RISER**

<table>
<thead>
<tr>
<th>Watts</th>
<th>Volts</th>
<th>Width*</th>
<th>Length*</th>
<th>Model Number</th>
<th>Ship Wgt.</th>
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</thead>
<tbody>
<tr>
<td>1000</td>
<td>120</td>
<td>*</td>
<td>*</td>
<td>HXSL1**</td>
<td>6</td>
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<tr>
<td></td>
<td>240</td>
<td>*</td>
<td>*</td>
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<td>(2.7)</td>
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<tr>
<td>2000</td>
<td>120</td>
<td>*</td>
<td>*</td>
<td>HXSL2**</td>
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<tr>
<td></td>
<td>240</td>
<td>*</td>
<td>*</td>
<td></td>
<td>(3.2)</td>
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<tr>
<td></td>
<td>480</td>
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<tr>
<td>3000</td>
<td>240</td>
<td>*</td>
<td>*</td>
<td>HXSL3**</td>
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<tr>
<td></td>
<td>480</td>
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<td>(5.4)</td>
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<tr>
<td>4000</td>
<td>240</td>
<td>*</td>
<td>*</td>
<td>HXSL4**</td>
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<td>480</td>
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<td>(6.4)</td>
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<tr>
<td>5000</td>
<td>240</td>
<td>*</td>
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<td>HXSL5**</td>
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<td>480</td>
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<tr>
<td>6000</td>
<td>240</td>
<td>*</td>
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<td>HXSL6**</td>
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<td>480</td>
<td>*</td>
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<td>(9.1)</td>
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</table>

*Please consult factory for model numbers of specific heaters. Single phase only. Heaters built to conform to tank dimensions. Risers pictured in left position, right position available.*

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**ISO 9001:2015**

**WITH DESIGN CERTIFIED**

North America +1 800 621 1998 • International +1 440 974 1300 • processtechnology.com
**Features & Values**

- Inert to most aqueous acid, alkaline, anodizing, & pickling solutions up to 100°C (212°F)
- Rugged, heavy wall PTFE covered stainless steel element reduces permeation. Guaranteed 100% pinhole free
- Space saving & long service life with low Watt density design of 10 W/in² (1.5 W/cm²)
- Flexible riser with 4 ft. (1.2m) of continuous PTFE cable leading to vapor-resistant, flame retardant polypropylene terminal enclosure with 3 ft (.9m) flexible PVC liquid tight conduit
- Optional patented purge feature promotes a longer heater life by reducing chemical permeation
- Lower Watt densities available for highly viscous solutions & technical acids

**Specifications**

<table>
<thead>
<tr>
<th>Wattages</th>
<th>1,000 to 6,000 Watts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Votages</td>
<td>120 to 600 Volts</td>
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<tr>
<td></td>
<td>(600V on 4,500W or lower only)</td>
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<td></td>
<td>Single phase only.</td>
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<tr>
<td>Temperature Range</td>
<td>Up to 100°C (212°F)</td>
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</tbody>
</table>

**Safety Features**

- Grounded internal metal element
- Built-in thermal protector. Resettable P3 protector standard for up to 121°C (250°F). Other options available
- Non-floating construction

**Certifications**

- CE compliant (except 600V)

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**Dimensions**

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**Model Number Breakdown**

<table>
<thead>
<tr>
<th>HXSL</th>
<th>4</th>
<th>2</th>
<th>08</th>
<th>L</th>
<th>08</th>
<th>FR48</th>
<th>P3</th>
</tr>
</thead>
<tbody>
<tr>
<td>HXSL</td>
<td>6 = 6000 6 = 600</td>
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<tr>
<td>Wattage</td>
<td>1 = 1000 1 = 120</td>
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<tr>
<td>Voltage</td>
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<tr>
<td>Length</td>
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<tr>
<td>Riser</td>
<td>Specify Option</td>
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<td>Location</td>
<td>Specify Type of Protector</td>
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<td>FR = flex riser length, specify length in inches</td>
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<td>Ex: FR48 = 48&quot;</td>
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<td>3 = rigid riser length</td>
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<td>Ex: 3 = 1000</td>
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<td>Replaceable Fuse</td>
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<td>P3 = solutions up to 190°F (121°C)</td>
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<tr>
<td>Wire &amp; Conduit Length</td>
<td>Specify variations from standard Ex: 200 = 190° to 210°F</td>
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<td>36&quot; length standard (no designator)</td>
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<tr>
<td>Thermal Protector (rigid riser)</td>
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<td>Reusable Fuse</td>
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<td>P2 = solutions up to 200°F</td>
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<td>P3 = 210° to 250°F</td>
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