

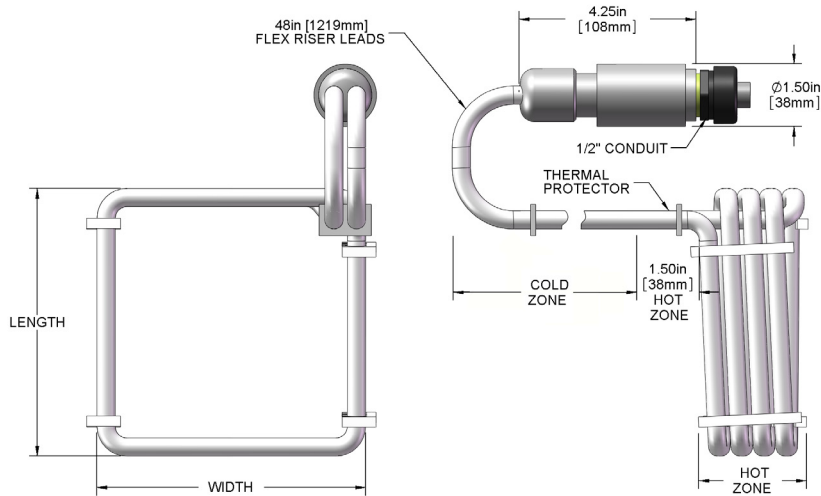
| HXSL SERIES, FLEX RISER FLUOROPOLYMER (PTFE) HEATERS | | | | | |
|---|-------|------------------|-------------------|-----------------|----------------------------|
| WATTS | VOLTS | WIDTH* Inches | LENGTH* Inches | MODEL NUMBER | SHIP WGT. Lbs./ (kg) |
| 1000 | 120 | * | * | HXSL1** | 6 |
| | 240 | * | * | | (2.5) |
| 2000 | 120 | * | * | HXSL2** | 7 |
| | 240 | * | * | | (3.5) |
| | 480 | * | * | | |
| 3000 | 240 | * | * | HXSL3** | 12 |
| | 480 | * | * | | (5.5) |
| 4000 | 240 | * | * | HXSL4** | 14 |
| | 480 | * | * | | (6.5) |
| 5000 | 240 | * | * | HXSL5** | 17 |
| | 480 | * | * | | (8) |
| 6000 | 240 | * | * | HXSL6** | 20 |
| | 480 | * | * | | (9) |

*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.

Product Features and Benefits:

- ◆ **SUPERIOR CHEMICAL RESISTANCE:** Inert to most aqueous acid, alkaline, anodizing and pickling solutions up to 212°F (100°C).
- ◆ **RUGGED CONSTRUCTION:** Heavy wall fluoropolymer (PTFE) covered stainless steel element reduces permeation and eliminates the need for gas purge systems. Guaranteed 100% pinhole free.
- ◆ **CUSTOM BUILT TO CONFORM TO TANK DIMENSIONS.**
- ◆ **OUTSTANDING PERFORMANCE:** Low watt density design (10 watts/square inch, 1.5w/cm²) for long service life.
- ◆ **FLEXIBLE RISER:** 4-foot (1.2m) continuous fluoropolymer (PTFE) cable leading to a vapor resistant PVC terminal enclosure and 3-foot (.9m) flexible PVC liquid tight conduit.
- ◆ **SAFETY FEATURES:**
 - Grounded internal metal element.
 - Thermal protector built in. Resettable P3 J-type thermocouple standard.
 - Non-floating construction.
- ◆ **CERTIFICATIONS:** UL listed to U.S. and Canadian safety requirements, and CE.
- ◆ **SIZES:** 1,000 watts to 6,000 watts.
- ◆ **VOLTAGES:** 120 to 600 volts. Single phase only.
- ◆ **OPTIONS AVAILABLE** (consult factory):
 - Longer fluoropolymer (PTFE) riser lengths.
 - Rigid riser with vapor resistant, flame retardant polypropylene terminal enclosure and either replaceable or resettable thermal protectors.
 - Longer wire and conduit lengths.
 - Lower watt densities for highly viscous solutions and technical acids.
 - Temperature and level controls sized to match the heater.
 - Element purge option available for chemistries that aggressively permeate fluoropolymer sheath.

DIMENSIONS



HXSL FLUOROPOLYMER (PTFE) HEATER ORDERING INFORMATION

| Series | Wattage | Voltage | Width | Length | Riser Location | Riser Option | Type of Protector | Wire and Conduit Length |
|--------|--|--|-------------------|-------------------|---|--------------|-------------------|--|
| | 1 = 1000 2 = 2000 3 = 3000 4 = 4000 5 = 5000 6 = 6000 | 1 = 120 2 = 240 3 = 380 4 = 480 5 = 415 6 = 600 7 = 400 8 = 208 9 = 220 0 = 200 | specify in inches | specify in inches | L = left front corner R = right front corner | | | no designator = 36" length standard specify variations from standard Ex: -X84 = 84" wire and conduit |
| | HXSL = PTFE HSSL = 304 stainless steel (rigid riser only) | | | | | | | Thermal Protector (flex riser) (additional control components required) -P3 for solutions up to 300°F (121°C) |
| | | | | | | | | Thermal Protector (rigid riser) Replaceable Protector -P1 (std) for solutions up to 180°F -P4 for 180° - 230°F solutions |
| | | | | | | | | Resettable Protector (additional control components required) -P2 for solutions up to 180°F -P8 for 190° - 210°F solutions -P3 for 210° - 250°F solutions |

1 inch = 25.4mm

ORDERING EXAMPLE:

HXSL4208-08L-FR48-P3

L-shaped (peripheral configuration), fluoropolymer, 4,000 watts, 240 volt, 8" width, 8" length, riser located in the front left corner, 48" flex riser, P3 thermal protector.

**PROCESS
TECHNOLOGY**