

HXOL Series

Fluoropolymer Heater

PRODUCT DATA SHEET

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)

| HXOL SERIES, FLEX RISER FLUOROPOLYMER (PTFE) HEATERS | | | | | | | | | | | | |
|---|-------|-----------------|------------------|------------------|----------------------|-------|-------|-----------------|------------------|-----------------|----------------------|----|
| WATTS | VOLTS | WIDTH in./mm | LENGTH in./mm | MODEL NUMBER | SHIP WGT. lbs./kg | WATTS | VOLTS | WIDTH in./mm | LENGTH in./mm | MODEL NUMBER | SHIP WGT. lbs./kg | |
| 1000 | 120 | 2 | 11 | HXOL11202-11L-** | 6 | 4000 | 240 | 6 | 14 | HXOL4206-14L-** | 14 | |
| | 240 | (50) | (280) | HXOL11202-11L-** | (2.5) | | 480 | (135) | (355) | HXOL4406-14L-** | (6.5) | |
| 1000 | 120 | 4 | 8 | HXOL11204-08L-** | 6 | 4000 | 240 | 8 | 11 | HXOL4208-11L** | 14 | |
| | 240 | (100) | (205) | HXOL11204-08L-** | (2.5) | | 480 | (205) | (280) | HXOL4408-11L** | (6.5) | |
| 2000 | 120 | 4 | 13 | HXOL12204-13L-** | 7 | 5000 | 240 | 6 | 18 | HXOL5206-18L-** | 17 | |
| | 240 | (100) | (510) | HXOL12204-13L-** | (5.5) | | 480 | (135) | (480) | HXOL5406-18L-** | (8) | |
| | 480 | | | HXOL12404-13L-** | | | 5000 | 240 | 8 | 13 | HXOL5208-13L-** | 17 |
| 2000 | 120 | 5 | 10 | HXOL12205-10L-** | 7 | | 480 | (205) | (330) | HXOL5408-13L-** | (8) | |
| | 240 | (115) | (255) | HXOL12205-10L-** | (3.5) | | 5000 | 240 | 9 | 11 | HXOL5209-11L-** | 17 |
| | 480 | | | HXOL12405-10L-** | | | 480 | (230) | (280) | HXOL5409-11L-** | (8) | |
| 2000 | 120 | 6 | 8 | HXOL12206-08L-** | 7 | 5000 | 240 | 10 | 10 | HXOL5210-10L-** | 17 | |
| | 240 | (155) | (205) | HXOL12206-08L-** | (3.5) | | 480 | (235) | (255) | HXOL5410-10L-** | (8) | |
| | 480 | | | HXOL12406-08L-** | | | 6000 | 240 | 7 | 18 | HXOL6207-18L-** | 20 |
| 3000 | 240 | 4 | 18 | HXOL3204-18L-** | 12 | | 480 | (180) | (460) | HXOL6407-18L-** | (9) | |
| | 480 | (100) | (480) | HXOL3404-18L-** | (5.5) | | 6000 | 240 | 8 | 15 | HXOL6208-15L-** | 20 |
| 3000 | 240 | 5 | 12 | HXOL3205-12L-** | 12 | | 480 | (205) | (380) | HXOL6408-15L-** | (9) | |
| | 480 | (115) | (305) | HXOL3405-12L-** | (5.5) | | 6000 | 240 | 9 | 13 | HXOL6209-13L-** | 20 |
| 3000 | 240 | 6 | 11 | HXOL3206-11L-** | 12 | | 480 | (230) | (310) | HXOL6409-13L-** | (9) | |
| | 480 | (155) | (280) | HXOL3406-11L-** | (5.5) | | 6000 | 240 | 10 | 12 | HXOL6210-12L-** | 20 |
| 3000 | 240 | 8 | 8 | HXOL3208-08L-** | 12 | | 480 | (235) | (305) | HXOL6410-12L-** | (9) | |
| | 480 | (205) | (205) | HXOL3408-08L-** | (5.5) | | 6000 | 240 | 11 | 11 | HXOL6211-11L-** | 20 |
| 4000 | 240 | 5 | 18 | HXOL4205-18L-** | 14 | | 480 | (210) | (280) | HXOL6411-11L-** | (9) | |
| | 480 | (115) | (480) | HXOL4405-18L-** | (6.5) | | | | | | | |

Other dimensional configurations available, consult factory. Single phase only. Fluoropolymer guards standard. Risers pictured in left position, right position available

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

Wattages 1,000 to 6,000 Watts

Voltages 120 to 600 Volts
(600V on 4,500W or lower only)
Single phase only.

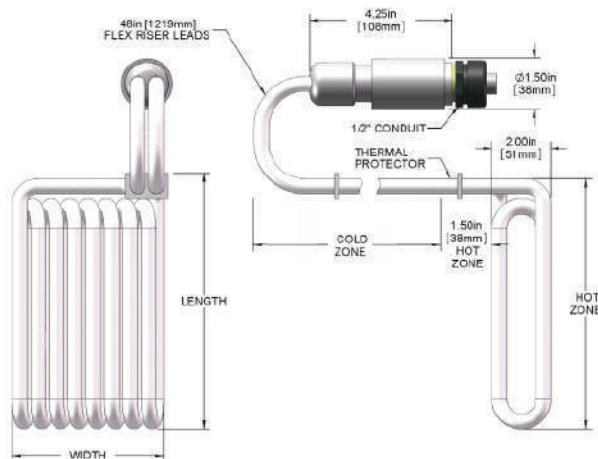
Temperature Range Up to 100°C (212°F)

Safety Features

- Grounded internal metal element
- Built-in thermal protector. Resettable P3 protector standard for up to 121°C (2500°F). Other options available
- Non-floating construction

Certifications CE compliant (except 600V)

Dimensions



Model Number Breakdown

| Series | Wattage | Voltage | Width | Length | Riser Location | Riser Option | Type of Protector | Wire & Conduit Length |
|-------------|----------|---------|-------------------|-------------------|---|--|---|--|
| HXOL = PTFE | 1 = 1000 | 1 = 120 | Specify in inches | Specify in inches | L = left front corner R = right front corner | FR = flex riser length, specify length in inches Ex: FR48 = 48" R = rigid riser length | Thermal Protector (flex riser) Resettable Fuse P3 = solutions up to 250°F (121°C) | 36" length standard (no designator) Specify variations from standard Ex: -X84 = 84" |
| | 2 = 2000 | 2 = 240 | | | | | Thermal Protector (rigid riser) Replaceable Fuse P1 (std) = solutions up to 180°F P4 = solutions up to 230°F Resettable Fuse P2 = solutions up to 190°F P8 = 190° to 210°F P3 = 210° to 250°F | |
| | 3 = 3000 | 3 = 380 | | | | | | |
| | 4 = 4000 | 4 = 480 | | | | | | |
| | 5 = 5000 | 5 = 415 | | | | | | |
| | 6 = 6000 | 6 = 600 | | | | | | |
| | | 7 = 400 | | | | | | |
| | | 8 = 208 | | | | | | |
| | | 9 = 220 | | | | | | |
| | | 0 = 300 | | | | | | |