

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

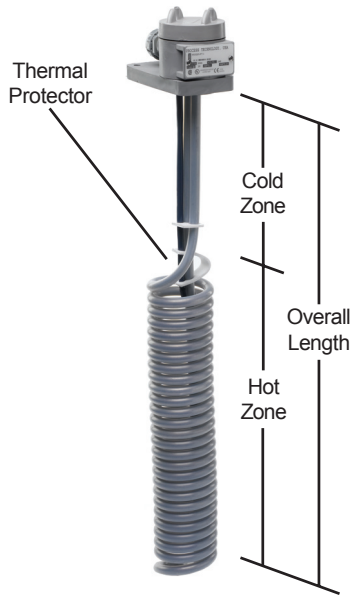
Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*



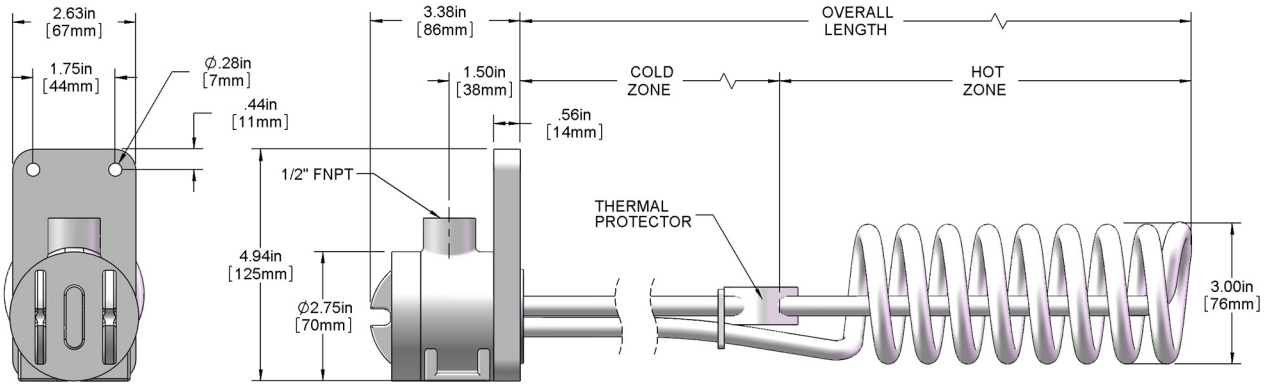
HX SERIES, SPIRAL FLUOROPOLYMER (PTFE) HEATERS						
WATTS	VOLTS	HOT ZONE In./(mm)	OVERALL LENGTH In./(mm)	MAX. COLD ZONE In./(mm)	MODEL NUMBER	SHIP WGT. Lbs./(kg)
500	120	5	11	41	HX.5111-**	6
	240	(125)	(280)	(1040)	HX.5211-**	(2.5)
1000	120	7	11	41	HX1111-**	7
	240	(180)	(280)	(1040)	HX1211-**	(3.5)
2000	120	12	17	40	HX2117-**	8
	240	(305)	(430)	(1015)	HX2217-**	(4)
	480				HX2417-**	
3000	240	16	23	40	HX3223-**	13
	480	(405)	(585)	(1015)	HX3423-**	(6)
4000	240	20	29	40	HX4229-**	15
	480	(510)	(735)	(1015)	HX4429-**	(7)
5000	240	25	35	36	HX5235-**	18
	480	(635)	(890)	(915)	HX5435-**	(8)
6000	240	29	40	30	HX6240-**	21
	480	(735)	(1015)	(760)	HX6440-**	(10)
8000	240	37	47	32	2HX8247-**	25
	480	(940)	(1195)	(810)	2HX8447-**	(12)
9000	240	44	54	35	2HX9254-**	28
	480	(1120)	(1370)	(890)	2HX9454-**	(13)

Single phase only.

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.
- **OUTSTANDING PERFORMANCE**: Low watt density design (10 watts/square inch, 1.5w/cm^2) for long service life.
- **CORROSION RESISTANT HEAD**: Vapor tight, flame retardant polypropylene terminal enclosure with 3-foot (.9m) flexible PVC liquid tight conduit.
- **SAFETY FEATURES**:
  - Grounded internal metal element.
  - Thermal protector built in. Replaceable P1 fuse standard for solutions up to 190°F (88°C).
  - Non-floating construction.
- **CERTIFICATIONS**: UL (1-6 kW), CSA, and CE.
- **SIZES**: 500 watts to 9,000 watts.
- **VOLTAGES**: 120, 240 or 480 volts. 208, 380, 415, 600 (CSA only) and other voltages available. Single phase only.
- **OPTIONS AVAILABLE** (consult factory):
  - Replaceable thermal protectors:
    - P4: for solutions from 190°F (88°C) to 220°F (104°C).
  - Resettable thermal protectors:
    - P2: bi-metal switch for solutions up to 190°F (88°C).
    - P8: type-J thermocouple for solutions from 190°F (88°C) to 210°F (99°C).
    - P3: type-J thermocouple for solutions from 210°F (99°C) to 250°F (121°C).
  - Longer vertical lengths (cold zones).
  - Polypropylene guards: recommended for applications up to 180°F (82°C) (sold separately).
  - Fluoropolymer (PTFE) guards: recommended for chromic acid or solutions over 180°F (82°C) (sold separately).
  - Special configurations.
  - Longer wire and conduit lengths.
  - Flexible continuous fluoropolymer leads (P3 protector only).
  - Lower watt densities for highly viscous solutions and technical acids.
  - Temperature and level controls sized to match the heater.

DIMENSIONS (up to 6 kW)



SPIRAL OVER THE SIDE FLUOROPOLYMER (PTFE) HEATER ORDERING INFORMATION

Series

HX = PTFE sheathed
2HX = 2 element PTFE sheathed
HS = 304 stainless steel
2HS = 2 element 304 stainless steel

Wattage

.5 = 500
1 = 1000
2 = 2000
3 = 3000
4 = 4000
5 = 5000
6 = 6000
8 = 8000
9 = 9000

Voltage

1 = 120
2 = 240
3 = 380
4 = 480
5 = 415
6 = 600
7 = 400
8 = 208
9 = 220
0 = 200

Overall Length (in.)

11 = .5kW
11 = 1kW
17 = 2kW
23 = 3kW
29 = 4kW
35 = 5kW
40 = 6kW
47 = 8kW
54 = 9kW
specify custom lengths, not to exceed tank depth

Type of Fuse

Replaceable Fuse	
-P1 (std)	for solutions up to 190°F
-P4	for 190° - 220°F solutions
Resettable Fuse	
(additional control components required)	
-P2	for solutions up to 190°F
-P8	for 190° - 210°F solutions
-P3	for 210° - 250°F solutions

Wire and Conduit Length

36" length standard
(no designator)
specify variations from standard
Ex: -X84 = 84"

1 inch = 25.4mm

ORDERING EXAMPLE:

HX5435-P1-X50

Spiral fluoropolymer heater, 5000 watts, 480 volt, single phase, 35" overall length, P1 thermal fuse, 50" wire and conduit

PROCESS TECHNOLOGY

7010 Lindsay Dr. • Mentor, OH 44060 U.S.A. • **US/CN: 800-621-1998** • 440-974-1300 • Fax: 440-974-9561
www.process-technology.com • E-mail: info@process-technology.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP