

3CX SERIES, FLUOROPOLYMER (PFA) TRIPLE HELICAL HEAT EXCHANGERS					
SURFACE AREA (Sq. Ft.)	VERTICAL LENGTH In./(mm)	HEATED LENGTH In./(mm)	CONNECTION SIZE	MODEL NUMBER	SHIP WGT. Lbs./(kg)
1.50	11 (280)	3 (75)	1" NPT	3CX1.5-11	5 (2.5)
3.00	11 (280)	5 (125)	1" NPT	3CX3-11	6 (3)
4.50	11 (280)	7 (180)	1" NPT	3CX4.5-11	8 (3.5)
6.00	17 (435)	9.5 (240)	1" NPT	3CX6-17	9 (4)
7.50	23 (585)	12 (305)	1" NPT	3CX7.5-23	11 (5)

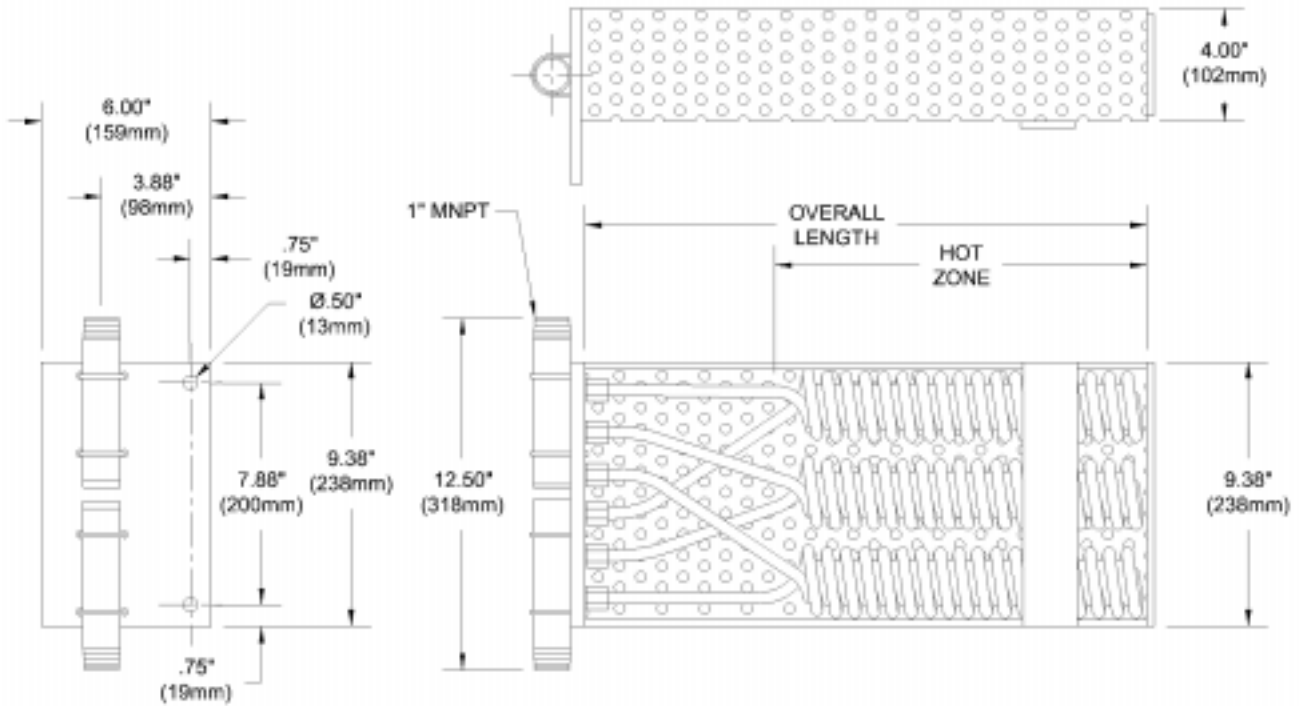
Larger sizes available, consult factory.

## Product Features and Benefits:

- ◆ **SUPERIOR CHEMICAL RESISTANCE:** For heating or cooling of most aqueous acid and alkaline solutions. Check solution guide or consult with your chemical supplier for proper sheath material selection.
- ◆ **RUGGED CONSTRUCTION:**
  - Fluoropolymer (PFA) coils.
  - PVDF manifolds and fittings.
  - Integral ¼-inch thick polypropylene perforated guard helps to protect the coil from damage.
- ◆ **OUTSTANDING PERFORMANCE:** Heavy wall, ½-inch tubing improves circulation and reduces pressure drop.
- ◆ **LEAK FREE OPERATION:** Integral inlet and outlet manifolds for single point connections greatly reduce the potential for leaks and simplify installation.
- ◆ **PRESSURE RATING:** PFA (Perfluoroalkoxy resin) tubing rated up to 25 PSI steam service. 10 PSI minimum steam pressure required for operation. Consult factory for pressure reduced applications.
- ◆ **NON-CONDUCTIVE:** Eliminates stray currents in the tank.
- ◆ **SIZES:** 1.5 ft<sup>2</sup> to 7.5 ft<sup>2</sup> of exchange area standard.
- ◆ **OPTIONS AVAILABLE** (consult factory):
  - Special sizes.
  - Fluoropolymer (PTFE) guards for chromic acid and applications greater than 180°F (82°C).
  - Special manifold configurations.
  - L-shaped configurations for bottom heat applications.

**NOTE:** Vacuum breakers recommended for fluoropolymer heat exchanger steam heating installations. Please consult factory regarding pressure reduced steam applications.

## DIMENSIONS



## TRIPLE HELICAL FLUOROPOLYMER EXCHANGER ORDERING INFORMATION

Series	Exchange Area	Vertical Height (in.)	Options
3CX	1.5 ft <sup>2</sup> 3 ft <sup>2</sup> 4.5 ft <sup>2</sup> 6 ft <sup>2</sup> 7.5 ft <sup>2</sup>	-11 -11 -11 -17 -23	no designator = polypropylene guard std. -X = misc options such as: -TEF = PTFE guard

### ORDERING EXAMPLE:

3CX1.5-11

Triple helical fluoropolymer coil, 1.5 sq. ft., 11" vertical height.

