

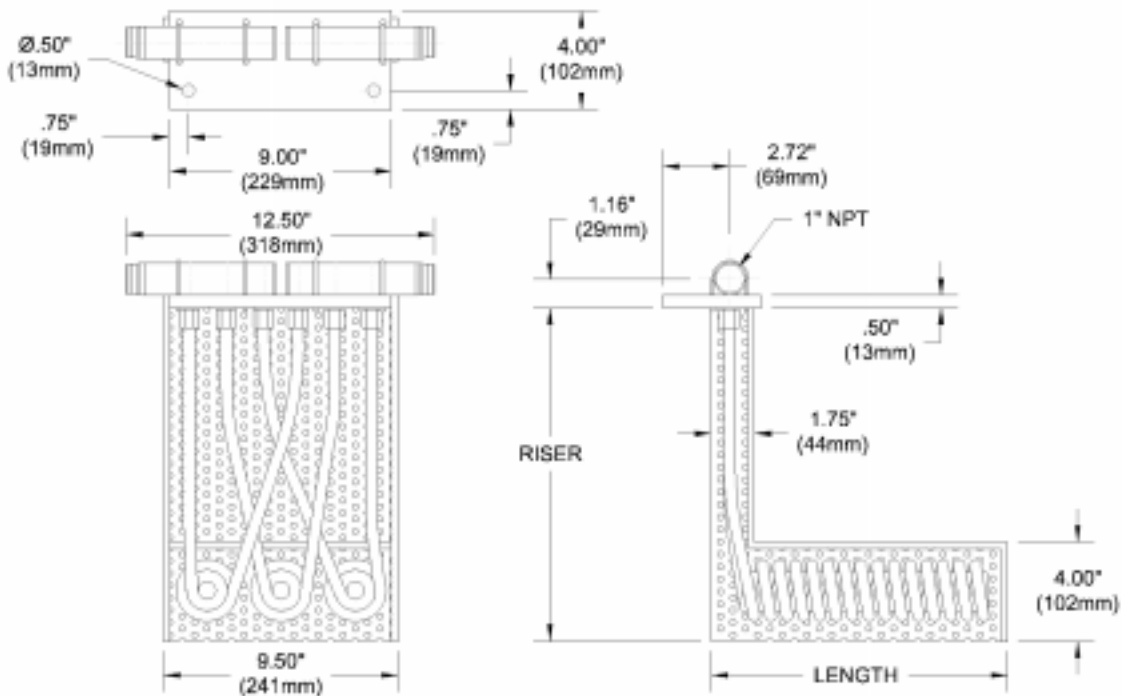
3CXL SERIES, FLUOROPOLYMER (PFA) TRIPLE HELICAL L-SHAPED HEAT EXCHANGERS					
SURFACE AREA (Sq. Ft.)	STD. VERTICAL LENGTH* In./(mm)	HEATED LENGTH In./(mm)	CONNECTION SIZE	MODEL NUMBER	SHIP WGT. Lbs./ (kg)
1.50	12 (305)	6 (155)	1" NPT	3CXL1.5-06-R*	6 (3)
3.00	12 (305)	6 (155)	1" NPT	3CXL3-06-R*	7 (3)
4.50	12 (305)	8 (205)	1" NPT	3CXL4.5-08-R*	9 (4)
6.00	18 (460)	12 (305)	1" NPT	3CXL6-12-R*	10 (4.5)
7.50	18 (460)	12 (305)	1" NPT	3CXL7.5-12-R*	12 (5.5)

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. Bottom design for even heating and varying liquid levels.
  - ◆ **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.
- NOTE:** Vacuum breakers recommended for fluoropolymer heat exchanger steam heating installations. Please consult factory regarding pressure reduced steam applications.

## DIMENSIONS



## TRIPLE L-SHAPED HELICAL FLUOROPOLYMER HEAT EXCHANGER ORDERING INFORMATION

Series	Surface Area (SQ.FT.)	Horizontal Length	Vertical Length	Options
	1.5 3.0 4.5 6.0 7.5	-06 = 1 SQ.FT. -06 = 3 SQ.FT. -08 = 4.5 SQ.FT. -12 = 6 SQ.FT. -12 = 7.5 SQ.FT.	-R12 = 1 SQ.FT. -R12 = 3 SQ.FT. -R12 = 4.5 SQ.FT. -R18 = 6 SQ.FT. -R18 = 7.5 SQ.FT. (custom lengths available) Ex: -R21 = 21"	
	3CXL = three tube L-shaped fluoropolymer exchanger			
	no designator = polypropylene guard -TEF = fluoropolymer (PTFE) guard			

### ORDERING EXAMPLE:

3CXL1.5-06-R12

Triple L-shaped helical fluoropolymer coil, 1.5 sq. ft., 6" horizontal length, 12" vertical height.

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