

CXL SERIES, FLUOROPOLYMER (PFA) HELICAL L-SHAPED HEAT EXCHANGERS					
STD.					
SURFACE AREA (Sq. Ft.)	VERTICAL LENGTH* In./(mm)	HEATED LENGTH In./(mm)	CONNECTION SIZE	MODEL NUMBER	SHIP WGT. Lbs./(kg)
.50	12 (305)	3 (75)	1/2" NPT	CXL.5-06-R*	3 (1.5)
1.00	12 (305)	5 (125)	1/2" NPT	CXL1-06-R*	3 (1.5)
1.50	12 (305)	7 (180)	1/2" NPT	CXL1.5-08-R*	4 (2)
2.00	18 (460)	9.5 (240)	1/2" NPT	CXL2-12-R*	5 (2.5)
2.50	18 (460)	12 (305)	1/2" NPT	CXL2.5-12-R*	5 (2.5)

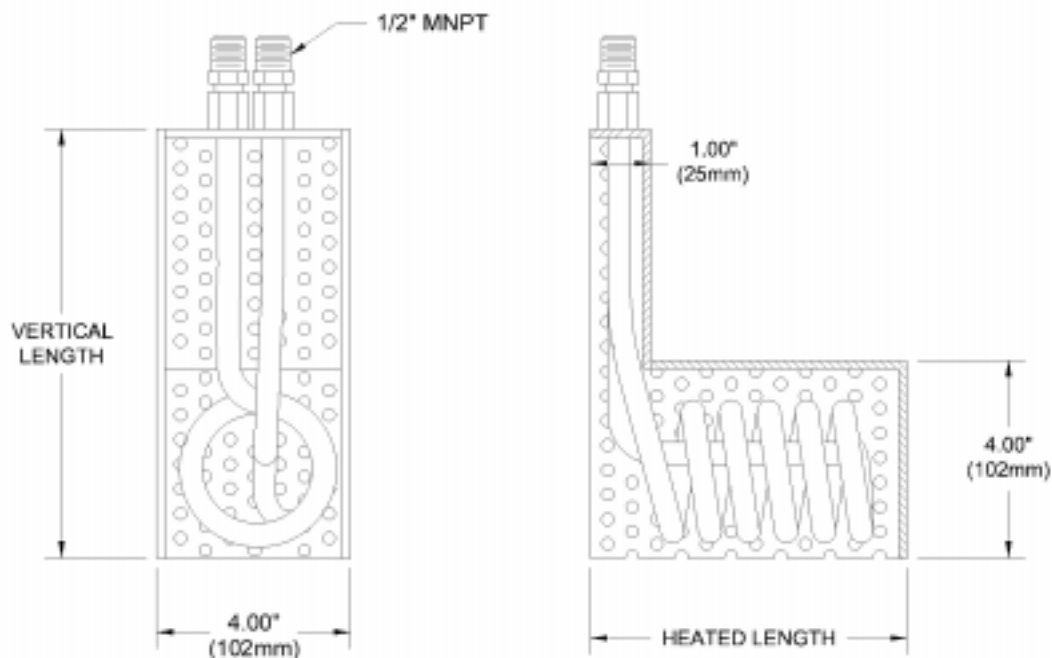
Larger sizes available, consult factory. \* Specify vertical length.

## 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) coil.
  - PVDF 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:** 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 regarding pressure reduced applications.
- ◆ **NON-CONDUCTIVE:** Eliminates stray currents in the tank.
- ◆ **SIZES:** .5 ft<sup>2</sup> to 2.5 ft<sup>2</sup> of exchange area standard.
- ◆ **OPTIONS AVAILABLE** (consult factory):
  - Special sizes.
  - Fluoropolymer (PTFE) guards available for chromic acid and applications greater than 180°F (82°C).
  - Special configurations.

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

## DIMENSIONS



## L-SHAPED HELICAL FLUOROPOLYMER EXCHANGER ORDERING INFORMATION

Series	Exchange Area	Horizontal Length (in.)	Vertical Height	Options
CXL	.5 ft <sup>2</sup> 1 ft <sup>2</sup> 1.5 ft <sup>2</sup> 2 ft <sup>2</sup> 2.5 ft <sup>2</sup>	-06 -06 -08 -12 -12	-R = specify height in inches Ex: R12 = 12"	no designator = polypropylene guard std. -X = misc options such as: -TEF = PTFE guard

### **ORDERING EXAMPLE:**

CXL.5-06-R12

L-shaped helical fluoropolymer coil, .5 sq. ft., 6" horizontal length, 12" vertical height.

