

EXCHANGE AREA Sq. Ft.	CONN- ECTIONS In.	DIMENSIONS					MODEL NUMBER	SHIP WGT. Lbs./ (kg)
		A In./ (mm)	B In./ (mm)	C In./ (mm)	D In./ (mm)	E In./ (mm)		
2.25*	1/2" FNPT	11½ (292)	11½ (292)	1½ (38)	17½ (445)	9 (229)	X1-12-12-18-F	10 (4.5)
4.50	1/2" FNPT	11½ (292)	11½ (292)	2 (51)	17½ (445)	8 (203)	X2-12-12-18-F	11 (5)
4.50	1/2" FNPT	15½ (394)	15½ (394)	1½ (38)	21½ (546)	12 (305)	X2-16-16-22-F	13 (6)
9.25*	1/2" FNPT	15½ (394)	15½ (394)	2 (51)	21½ (546)	12 (305)	X4-16-16-22-F	14 (6.5)
6.00	1" FNPT	17½ (445)	17½ (445)	2 (51)	23½ (597)	12½ (318)	X2-18-18-24-F-LP	18 (8)
12.00	1" FNPT	17½ (445)	17½ (445)	3¼ (82.5)	23½ (597)	12½ (318)	X4-18-18-24-F-LP	22 (10)
18.00	1½" FNPT	17½ (445)	17½ (445)	4½ (114)	23½ (597)	12½ (318)	X6-18-18-24-F-LP	26 (12)
24.00	1½" FNPT	17½ (445)	17½ (445)	5¼ (146)	23½ (597)	12½ (318)	X8-18-18-24-F-LP	30 (13.5)
11.50	1" FNPT	23½ (597)	23½ (597)	2 (51)	29½ (750)	18½ (470)	X2-24-24-30-F-LP	24 (11)
23.00	1" FNPT	23½ (597)	23½ (597)	3¼ (82.5)	29½ (750)	18½ (470)	X4-24-24-30-F-LP	30 (13.5)
34.50	1½" FNPT	23½ (597)	23½ (597)	4½ (114)	29½ (750)	18½ (470)	X6-24-24-30-F-LP	36 (16.5)
46.50	1½" FNPT	23½ (597)	23½ (597)	5¼ (146)	29½ (750)	18½ (470)	X8-24-24-30-F-LP	42 (19)

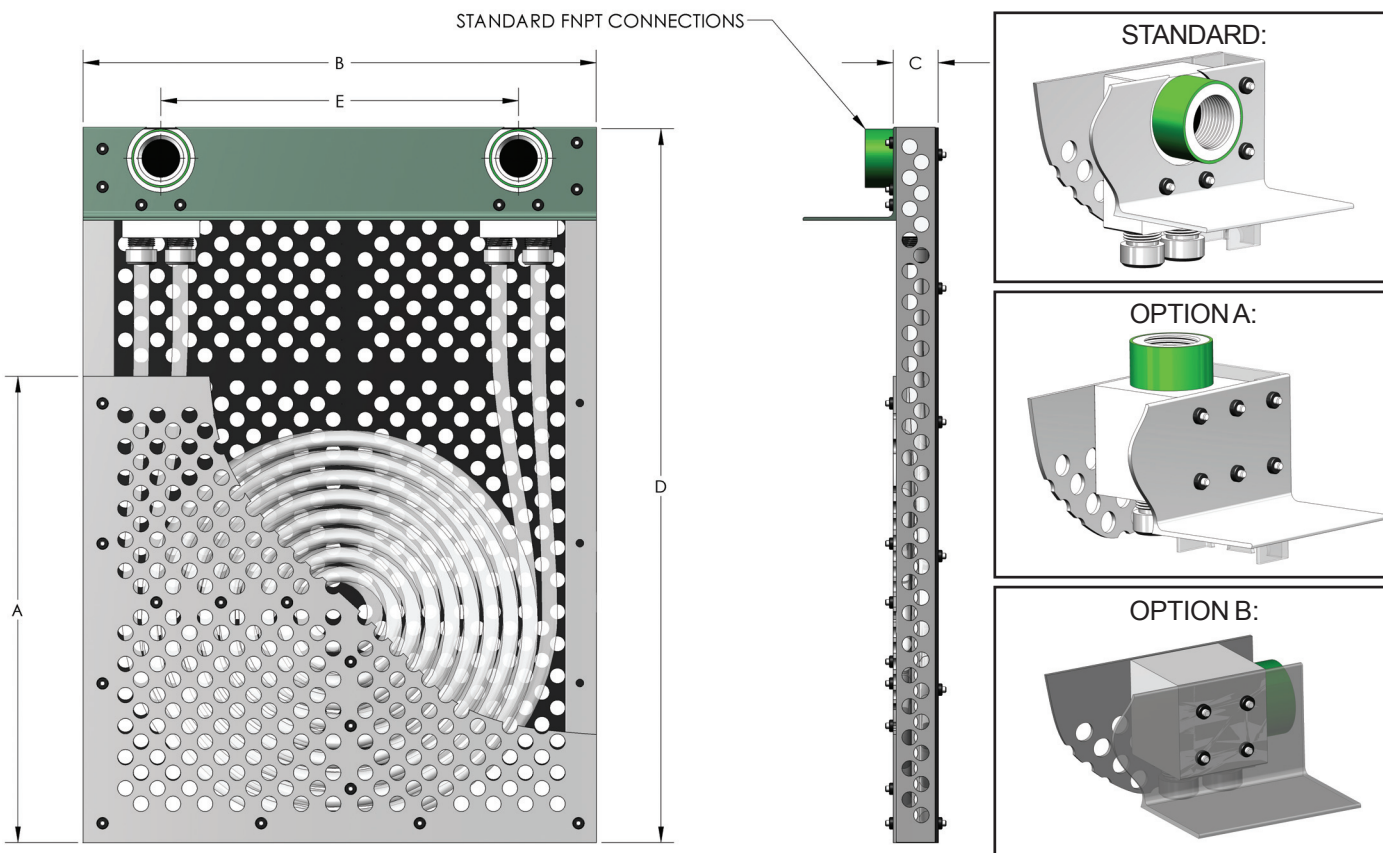
\* = 1/4" (7 mm) diameter tubing. All other coils have 1/2" (13 mm) diameter tubing.

## 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:**
  - All wetted parts of fluoropolymer (FEP, PFA or PTFE) construction.
  - Heavy duty CPVC mounting bracket.
  - 1/8-inch thick perforated guard helps protect the coil from damage.
- ◆ **OUTSTANDING PERFORMANCE:** Heavy wall tubing improves circulation and minimizes pressure drop. Larger coils constructed of ½-inch (13mm) tubing, smaller coils have ¼-inch (7mm) tubing.
- ◆ **LEAK FREE OPERATION:** Integral inlet and outlet manifolds for single point connections greatly reduce the potential for leaks and simplify installation.
- ◆ **PRESSURE RATING:**
  - Standard coils are made from FEP (Fluorinated Ethylene Propylene) and rated up to 30 PSI steam service.
  - PFA (Perfluoroalkoxy resin) coils are available for steam service up to 60 PSI.
  - 10 PSI minimum steam pressure required for operation.
  - Consult factory regarding pressure reduced applications.
- ◆ **NON-CONDUCTIVE:** Eliminates stray currents in the tank.
- ◆ **SIZES:** 2.25 ft<sup>2</sup> to 46.5 ft<sup>2</sup> of exchange area standard.
- ◆ **OPTIONS AVAILABLE (consult factory):**
  - Anti-floatation brackets.
  - Special sizes.
  - Special manifold configurations.
  - L-shaped configurations for bottom heat applications.
  - Dual coils for both heating and cooling.

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

## DIMENSIONS



## FLUOROPOLYMER EXCHANGER ORDERING INFORMATION

Series	No. of Tubes	Coil Height	Coil Width	Overall Height	Type of Material	Options
	1 2 4 6 8	specify in inches 12 = 11.5" 16 = 15.5" 18 = 17.5" 24 = 23.5" or specify custom height		specify in inches, standard has 6" of cold zone 18 = 17.5" 22 = 21.5" 24 = 23.5" 30 = 29.5" or specify custom overall height	-F = FEP (30 PSI steam max) -P = PFA (60 PSI steam max)	
		specify in inches 12 = 11.5" 16 = 15.5" 18 = 17.5" 24 = 23.5" or specify custom width				-LP = low pressure manifold -A = connections oriented up -B = connections to the left and right sides connections to the back std. -BR = bottom style (specify riser height) Ex: -BR48 = bottom style with 48" riser height
	X = fluoropolymer					

1 inch = 25.4 mm

### ORDERING EXAMPLE:

X4-24-24-30-P-LP-A

Fluoropolymer coil, 4 tubes, 23.5" height, 23.5" width, 29.5" "D" dimension, PFA fluoropolymer material, low pressure manifold design, option A connection.

