



EXCHANGE AREA	CONN- ECTIONS	DIMENSIONS					MODEL NUMBER	SHIP WGT.
		A	B	C	D	E		
Sq. Ft.	In.	In./ (mm)	In./ (mm)	In./ (mm)	In./ (mm)	In./ (mm)	Lbs./ (kg)	
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)

## X Series, Fluoropolymer Exchanger Features and Benefits

### RUGGED CONSTRUCTION:

- ◆ All wetted parts of fluoropolymer (FEP, PFA or PTFE) construction with a heavy duty CPVC mounting bracket.

### OUTSTANDING PERFORMANCE:

- ◆ Heavy wall tubing improves circulation and minimizes pressure drop. Larger coils constructed of 1/2 inch (13mm) tubing, smaller coils have 1/4 inch (7mm) tubing.

### LEAK FREE OPERATION:

- ◆ Integral inlet and outlet manifolds for single point connections greatly reduce the potential for leaks and simplify installation.

### NON-CONDUCTIVE:

- ◆ Eliminates stray currents in the tank.

### 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.

### SIZES:

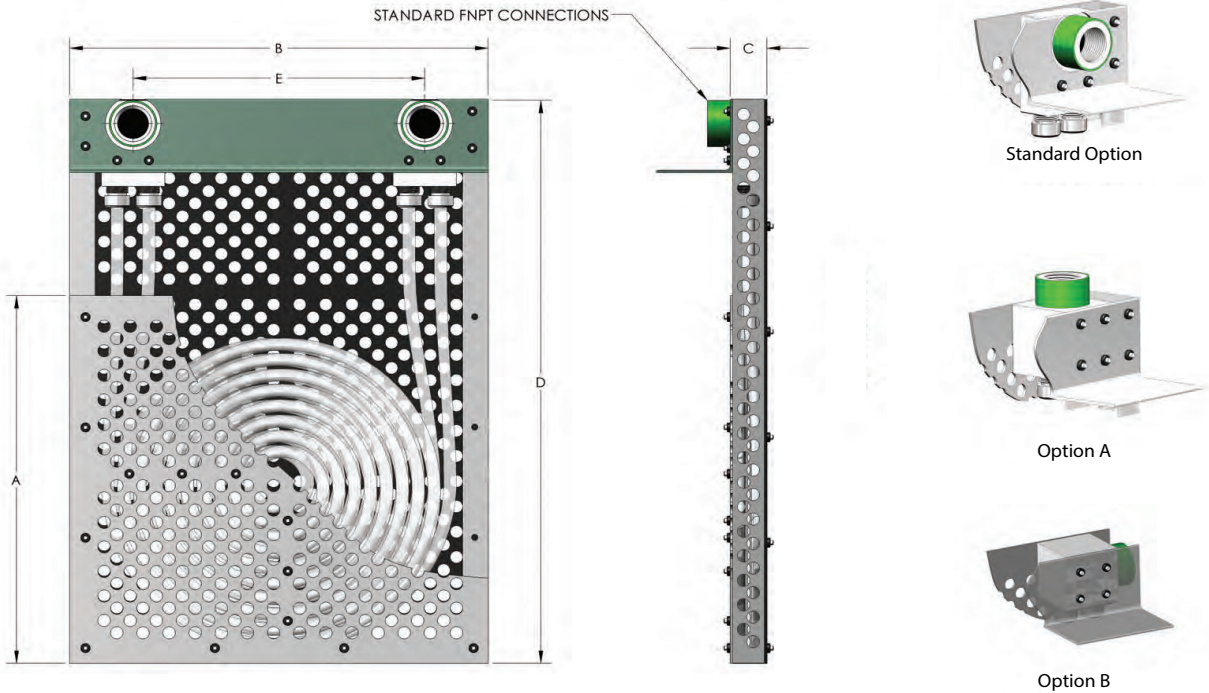
- ◆ 2.25 ft<sup>2</sup> to 46.5 ft<sup>2</sup> pf exchange area standard.

### OPTIONS AVAILABLE (consult factory):

- ◆ Anti-floatation brackets.
- ◆ Special manifold connections.
- ◆ Custom and bottom style configurations.
- ◆ 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



### X SERIES, FLUOROPOLYMER EXCHANGER ORDERING INFORMATION

Series	No. of Tubes	Coil Height	Coil Width	"D" Dimension	Type of Material	Options
X = Fluoropolymer	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 12 = 11.5" 16 = 15.5" 18 = 17.5" 24 = 23.5" or specify custom width	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)	-LP = low pressure manifold -A = connections oriented up -B = connections to the left and right sides connections to the back std. (see illustration) -BR = bottom style (specify riser height) Ex: -BR48 = bottom style with 48" riser height

#### **ORDERING EXAMPLE:**

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

Fluoropolymer exchanger, 4 tubes, 23.5" height, 23.5" width, 29.5" "D" dimension, low pressure manifold design, option A connections..

