



X Series

Teflon heat exchanger

Applicable to: ♦Two acid polishing tank ♦Triacid polishing tank ♦Pickling tank Microetched groove
 ♦Activation tank♦Reduction tank ♦Plasticizing tank ♦Low resistance♦Good heat transfer performance
 ♦Good aging resistance ♦Good scaling resistance ♦Small size and light weight ♦Compact structure

Sizes: 4.5 ft² to 46.5 ft²	 X Series	♦ All wetted parts of fluoropolymer. ♦ Heavy wall tubing improves circulations and reduces pressure drop. ♦ Eliminates stray currents in the tank. ♦ Integral inlet/outlet connections reduce potential for leaks.
FEP for up to 30 PSI steam service, PFA for up to 60 PSI		

X SERIES, FLUOROPOLYMER HEATING AND COOLING COILS								
EXCHANGE CONNECTIONS		DIMENSIONS					MODEL NUMBER	SHIP WGT.
AREA	In.	A	B	C	D	E		
Sq. Ft.		In./(mm)	In./(mm)	In./(mm)	In./(mm)	In./(mm)		Lbs./(kg)
4.5*	1/2" FNPT	11½ (292)	11½ (292)	2 (51)	17½ (445)	8 (203)	X2-12-12-18-F	11 (5)
4.5*	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)	5¾ (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)	5¾ (146)	29½ (750)	18½ (470)	X8-24-24-30-F-LP	42 (19)

Minimum pressure 10 PSI. *Mini coils are not suitable for liquid.

Features & Values

- ◆ All wetted parts of fluoropolymer (FEP, PFA or PTFE) construction with a heavy duty CPVC mounting bracket.
- ◆ 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.
- ◆ Integral inlet and outlet manifolds for single point connections greatly reduce the potential for leaks and simplify installation.
- ◆ Eliminates stray currents in the tank.

Specifications		
Sizes	4.5 ft ² to 46.5 ft ² exchange area	
Pressure	Standard coils: FEP up to 30 PSI steam pressure PFA (Perfluoroalkoxy resin) up to 60 PSI steam service	
Options	◆ Anti-floatation brackets ◆ Special manifold connections ◆ Custom & bottom configurations ◆ Dual coils for heating & cooling	
NOTE	Vacuum breakers recommended for fluoropolymer immersion coil steam installations. Please consult factory regarding pressure reduced steam applications.	

Model Number Breakdown

X	4	-	18	-	24	-	24	-	F	-	LP
Series	Number of Tubes		Coil Height (Inches)		Coil Width (Inches)		"D" Dimension (Inches)		Type of Material		Options
X = Fluoropolymer	2		12 = 11.5"		12 = 11.5"		18 - 17.5"		F = FEP		-LP = low pressure manifold (standard)
	3		16 = 15.5"		16 = 15.5"		22 - 21.5"		P = PFA		-A = connections up
	4		18 = 17.5"		18 = 17.5"		24 - 23.5"				-B = connections to left and right sides
			24 = 23.5"		24 = 23.5"		30 - 29.5"				-BR = bottom riser (specify riser height)
			XX = specify		XX = specify		Std cold zone is 6"				

