

Heat Exchangers

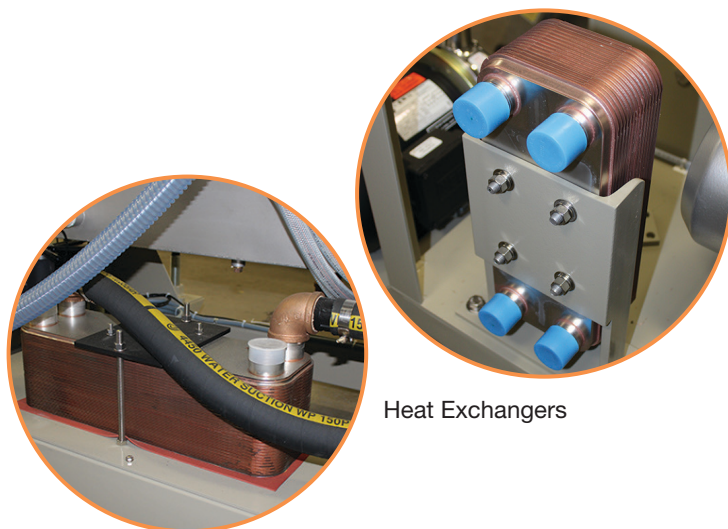
Flat Plate Number	Part Number	Number of Plates	Width	Height	Depth	Connections MPT	Material
FP5X12-60	MZ8204-0001	60	4.9"	12.2"	6"	1-1/4"	Copper Brazed
FP5X12-30	MZ8204-0002	30	4.9"	12.2"	3.2"	1"	Copper Brazed
FP5X12L-60	MZ8204-0003	60	4.9"	12.2"	6"	1-1/4"	Copper Brazed
FP5X12L-50	MZ8204-0006	50	4.9"	12.2"	5.1"	1-1/4"	Copper Brazed
FP5X12L-80	MZ8204-0010	80	4.9"	12.2"	7.9"	1-1/4"	Copper Brazed
FP5X12-80	MZ8204-0014	80	4.9"	12.2"	7.9"	1-1/4"	Copper Brazed
FG5X12-80	MZ8204-0021	80					Copper Brazed
FP5X12-90	MZ8204-0027	90					Copper Brazed
FP10X20-80	MZ8204-0040	80	9.8"	20.3"	7.9"	2"	Copper Brazed
FPN5X12-80	MZ8204-0045	80					Nickel Brazed
FP10X20-110	MZ8204-0053	110	9.8"	20.3"	10.7"	2-1/2"	Copper Brazed
FP10X20L-110	MZ8204-0066	110	9.8"	20.3"	10.7"	2-1/2"	Copper Brazed
FP10X20L-120	MZ8204-0079	120	9.8"	20.3"	11.6"	2-1/2"	Copper Brazed
FP10X20L-140	MZ8204-0085	140	9.8"	20.3"	13.5"	2-1/2"	Copper Brazed
FPN5X12-30	MZ8204-0200	30					Nickel Brazed
MPN5X12-40	MZ8204-0220	40					Nickel Brazed
FPN5X12-60	MZ8204-0250	60					Nickel Brazed

Notes:

1. Connections the same on both sides.
2. Heat Exchanger may be installed in vertical or horizontal position (except steam application).
3. Heat Exchanger must be piped in counterflow arrangement.
4. A water strainer must be installed in the water inlet circuit (16-20 mesh minimum, 20-40 mesh recommended).
5. Water quality should be maintained at a PH of 6.5 to 8.0.
6. Use MPN Marine series for steam, chlorinated water and pool water applications.

Stud Bolts

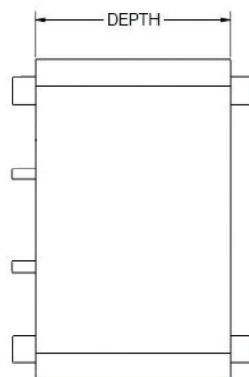
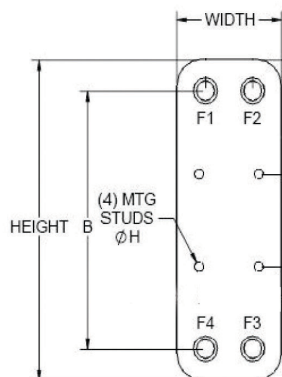
- 1/4-20" x 11/16"L on all 3 x 8 Models
- 3/8-24" x 7/8"L on all 5 x 12 Models



Heat Exchangers

Heat Exchangers

Usage	Part Number	Number of Plates	Width	Height	Depth	F1	F2	F3	F4
Evaporator	26643401	30	4.37"	12.2"	3.31"	5/8" SW	1" MPT	1/2" FPT	5/8" SW
Evaporator	26643402	38	4.37"	12.2"	4.09"	5/8" SW	1" MPT	1/2" FPT	5/8" SW
Evaporator	26643403	42	4.37"	12.2"	4.47"	5/8" SW	1" MPT	1/2" FPT	5/8" SW
Evaporator	26643404	64	4.37"	12.2"	6.61"	7/8" SW	1" MPT	1/2" FPT	5/8" SW
Evaporator	26643405	84	4.37"	12.2"	8.55"	7/8" SW	1" MPT	1/2" FPT	5/8" SW
Evaporator	26643406	32	4.37"	20.7"	3.50"	1-1/8" SW	1" MPT	1/2" FPT	7/8" SW
Evaporator	26643407	48	4.37"	20.7"	5.06"	13/8" SW	1" MPT	1/2" FPT	7/8" SW
Evaporator	26643408	72	4.37"	20.7"	7.38"	13/8" SW	1" MPT	1/2" FPT	7/8" SW
Evaporator	26643409	48	4.37"	12.2"	5.06"	7/8" SW	1" MPT	1/2" FPT	5/8" SW
Evaporator	26643410	12	3.18"	8.45"	1.34"	3/8" SW	3/8" FPT	1/8" FPT	3/8" SW
Condenser	26643411		4.37"	12.2"	4.86"	7/8" SW	1" MPT	1" MPT	5/8" SW
Condenser	26643412		4.37"	12.2"	6.22"	7/8" SW	1" MPT	1" MPT	5/8" SW
Condenser	26643413	30	4.37"	20.7"	3.31"	1-1/8" SW	1" MPT	1" MPT	7/8" SW
Condenser	26643414	44	4.37"	20.7"	4.67"	1-1/8" SW	1" MPT	1" MPT	7/8" SW
Condenser	26643415	48	4.37"	20.7"	5.06"	1-3/8" SW	1" MPT	1" MPT	7/8" SW
Condenser	26643416	66	4.37"	20.7"	6.80"	1-3/8" SW	1" MPT	1" MPT	7/8" SW
Exchanger	26643417	40	4.37"	12.2"	4.18"	1" MPT	1" MPT	1" MPT	1" MPT
Exchanger	26643418	60	7.52"	24.33"	7.13"	2" MPT	2" MPT	2" MPT	2" MPT
Exchanger	26643419	110	7.52"	24.33"	13.06"	2" MPT	2" MPT	2" MPT	2" MPT
Exchanger	26643420	100	7.52"	24.33"	11.61"	2" MPT	2" MPT	2" MPT	2" MPT
Evaporator	26643421	20	3.18"	8.45"	1.96"	3/8" SW	3/8" FPT	1/8" FPT	3/8" SW
Evaporator	26643422	20	4.37"	12.2"	2.34"	7/8" SW	1" MPT	1/8" FPT	1/2" SW
Evaporator	26643423	34	4.37"	12.2"	3.70"	7/8" SW	1" MPT	1/8" FPT	1/2" SW
Evaporator	26643424	60	4.37"	12.2"	6.22"	7/8" SW	1" MPT	1/8" FPT	1/2" SW
Evaporator	26643425	34	4.37"	20.7"	3.70"	13/8" SW	1" MPT	1/8" FPT	7/8" SW
Evaporator	26643426	44	4.37"	20.7"	4.67"	13/8" SW	1" MPT	1/8" FPT	7/8" SW
Evaporator	26643427	68	4.37"	20.7"	7.00"	13/8" SW	1" MPT	1/8" FPT	7/8" SW
Evaporator	26643428	48	7.52"	24.33"	5.92"	15/8" SW	2" MPT	1/8" FPT	11/8" SW
Evaporator	26643429	58	7.52"	24.33"	7.08"	15/8" SW	2" MPT	1/8" FPT	11/8" SW
Evaporator	26643430	70	7.52"	24.33"	8.46"	15/8" SW	2" MPT	1/8" FPT	11/8" SW



Heat Exchanger

Heat Exchangers (continued)

Usage	Part Number	Number of Plates	Width	Height	Depth	F1	F2	F3	F4
Condenser	26643431	30							
Condenser	26643432	20	4.37"	12.2"	2.34"	1/2" SW	1" MPT	1" MPT	3/8" SW
Condenser	26643433	34	4.37"	12.2"	3.70"	1/2" SW	1" MPT	1" MPT	3/8" SW
Condenser	26643434		4.37"	12.2"	6.22"	1/2" SW	1" MPT	1" MPT	3/8" SW
Condenser	26643435	40	4.37"	20.7"	4.28"	7/8" SW	1" MPT	1" MPT	1/2" SW
Condenser	26643436		4.37"	20.7"	5.64"	7/8" SW	1" MPT	1" MPT	1/2" SW
Condenser	26643437	78	4.37"	20.7"	7.97"	7/8" SW	1" MPT	1" MPT	5/8" SW
Condenser	26643438	42	7.52"	24.33"	5.23"	13/8" SW	2" MPT	2" MPT	7/8" SW
Condenser	26643439	48	7.52"	24.33"	5.93"	13/8" SW	2" MPT	2" MPT	7/8" SW
Condenser	26643440	64	7.52"	24.33"	7.77"	13/8" SW	2" MPT	2" MPT	1 1/8" SW
Evaporator	26643441	28	4.37"	20.7"	3.07"	7/8" SW	1" MPT	1/8" FPT	1/2" SW
Evaporator	26643442	40	4.37"	20.7"	4.23"	13/8" SW	1" MPT	1/8" FPT	7/8" SW
Evaporator	26643443	50	4.37"	20.7"	5.17"	13/8" SW	1" MPT	1/8" FPT	7/8" SW
Evaporator	26643444	74	4.37"	20.7"	7.52"	13/8" SW	1" MPT	1/8" FPT	7/8" SW
Evaporator	26643445	72	7.52"	24.49"	8.68"	15/8" SW	2" MPT	1/8" FPT	1 1/8" SW
Evaporator	26643446	80	7.52"	24.49"	9.61"	15/8" SW	2" MPT	1/8" FPT	1 1/8" SW
Evaporator	26643447	104	7.52"	24.49"	12.38"	15/8" SW	2" MPT	1/8" FPT	1 1/8" SW

Flat Plate Heat Exchanger — Custom Evaporator

Flat Plate Number	Part Number	Tons	Width	Height	Depth	Connections MPT
CH 1-1/2A	29219401	1.5	4.9"	12.2"	1.9"	1" MPT
CH 2A	29219402	2	4.9"	12.2"	2.2"	1" MPT
CH 3A	29219403	3	4.9"	12.2"	3.2"	1" MPT
CH 4A	29219404	4	4.9"	12.2"	4.5"	1" MPT
CH 5A	29219405	5	4.9"	12.2"	5.4"	1-1/4" MPT
CH 7-1/2	29219406	7.5	5.0"	20.3"	4.1"	1-1/4" MPT
CH 10B	29219407	10	5.0"	20.3"	5.1"	1-1/4" MPT
CH 15B	29219408	15	5.0"	20.3"	6.9"	1-1/4" MPT
CH 3-1/2A	29219409	3	4.9"	12.2"	3.2"	1" MPT
FP 5 x 20	29219431	15	5.0"	20.3"	10.7"	1-1/4" MPT

Flat Plate Heat Exchanger — STD Single Circuit Condenser

Flat Plate Number	Part Number	Tons	Width	Length	Height	Connections MPT
	29219410	Do not use - Reserved for Pro-E Model				
C 4A	29219411	4	4.9"	12.2"	4.5"	1" MPT
C 5A	29219412	5	4.9"	12.2"	5.4"	1" MPT
C 7-1/2	29219413	7.5	5.0"	20.3"	3.2"	1" MPT
C 10B	29219414	10	5.0"	20.3"	4.1"	1-1/4" MPT
C 12B	29219415	12	5.0"	20.3"	5.1"	1-1/4" MPT
C 15B	29219416	15	5.0"	20.3"	6.0"	1-1/4" MPT

Flat Plate Heat Exchanger — STD Dual Circuit Condenser/Evaporator

Flat Plate Number	Part Number	Tons	Width	Height	Depth	Connections MPT
C 20-2C	29219417	20	9.8"	20.3"	4.3"	1-1/2" MPT
C 30-2C	29219418	30	9.8"	20.3"	6.0"	2" MPT
C 40-2C	29219419	40	9.8"	20.3"	8.1"	2-1/2" MPT
CH 20-2C	29219420	20	9.8"	20.3"	5.1"	1-1/2" MPT
CH 30-2C	29219421	30	9.8"	20.3"	7.3"	2" MPT
CH 40-2C	29219422	40	9.8"	20.3"	9.9"	2-1/2" MPT
CH 50-2C	29219423	50	9.8"	20.3"	12.6"	2-1/2" MPT
CH 25-2C	29219424	25	9.8"	20.3"	6.2"	2" MPT

Heat Exchanger

Flat Plate Number	Part Number	Number of Plates	Width	Height	Depth	Connections MPT
FP5X1280	29933501	80	4.9"	12.2"	7.88"	1-1/4" MPT
FP5X1290	29933502	90	4.9"	12.2"	8.82"	1-1/4" MPT
FP5X1260	29933503	60	4.9"	12.2"	6"	1-1/4" MPT

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