

Brazed Plate Heat Exchangers for Clean Fluid Applications  
Shell & Tube or Cleanable Evaporators for Contaminated Applications



### Features Included:

- Air-cooled, closed loop design
- Hermetically sealed scroll compressor
- NEMA 12 standard e-box
- Digital temperature controller
- Fused disconnect
- Vertical air discharge
- Cleanable air filters
- Textured RAL 7035 powder-coat cabinet (Standard indoors - Optional outdoors)
- Galvanized steel finish (Standard outdoors)
- Built to meet UL 1995
- 18 month parts and labor warranty
- 24/7 service and support

Designed and Assembled in the USA

### Standard Options \*

- Process pump
- 100 micron fluid filter
- Manual bypass
- Phase monitor
- Remote digital display
- Voltage options
- Service/maintenance packages

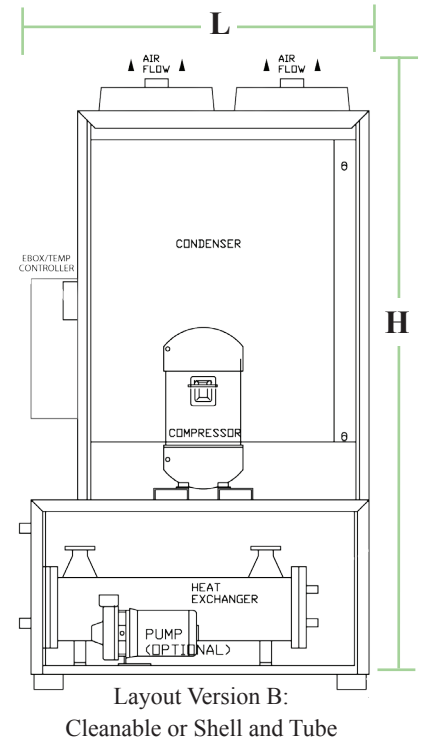
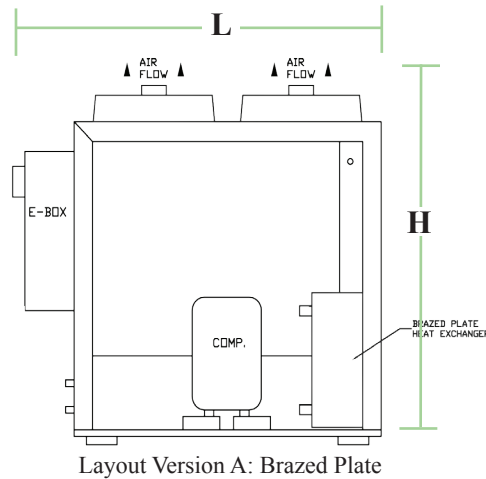
\* These are pre-designed option packages. Virtually any configuration is available but will effect delivery.

# A Series

## A Series

**Layout drawing A:**  
Reflects the selection of a brazed plate which will be incorporated into the upper box and eliminate the need for a lower cabinet.

**Layout drawing B:**  
Reflects the selection of a cleanable heat exchanger option. The shell and tube design will result in a similar layout.



Water, Water/Glycol or Water/Soluble Oil									
Model	Electrical	Dimensions with brazed plate LxWxH	BTU/HR @ 95 ambient w/ brazed plate	Dimensions w/ shell&tube or cleanable LxWxH	BTU/HR @ 95 ambient w/ shell&tube or cleanable	Fluid Port	Minimum req. GPM@ PSI	FLA @ 460	FLA @ 230
2000	230/3/60 or 460/3/60	36 x 25 x 48	42,000	46 x 25 x 65	39,000	1"	6 @ 15	10.4	22.4
3000	230/3/60 or 460/3/60	50 x 28 x 42	45,000	50 x 25 x 75	40,000	1 1/4" **	9 @ 15	10.4	26.0
5000	230/3/60 or 460/3/60	50 x 28 x 42	81,000	50 x 25 x 75	72,000	1 1/4" **	15 @ 15	18.4	36.7
7500	230/3/60 or 460/3/60	58 x 32 x 55	111,000	58 x 32 x 76	99,000	1 1/2"	23 @ 15	24.2	48.3
10000	230/3/60 or 460/3/60	58 x 32 x 55	137,000	58 x 32 x 76	122,000	1 1/2"	30 @ 15	28.6	57.2
15000	230/3/60 or 460/3/60	58 x 42 x 74	222,000	80 x 42 x 104	198,000	1 1/2"	45 @ 15	40.7	81.2
20000	230/3/60 or 460/3/60	71 x 42 x 74	274,000	80 x 42 x 98	245,000	2"	60 @ 15	50.4	100.8
30000	460/3/60	101 x 42 x 71	411,000	110 x 42 x 101	367,000	3"	90 @ 15	73.1	n/a
40000	460/3/60	74 x 84 x 84	548,000	74 x 84 x 106	490,000	3"	120 @ 15	95.8	n/a
60000	460/3/60	105 x 84 x 104	822,000	100 x 86 x 104	735,000	3"	180 @ 15	141.2	n/a
Straight Oil									
Model	Electrical	Dimensions with brazed plate LxWxH	BTU/HR @ 95 ambient w/ brazed plate	Dimensions w/ shell&tube or cleanable LxWxH	BTU/HR @ 95 ambient w/ shell&tube or cleanable	Fluid Port	Minimum req. GPM@ PSI	FLA @ 460	FLA @ 230
2000	230/3/60 or 460/3/60	36 x 25 x 48	42,000	37 x 25 x 63	39,000	1"	12 @ 15	10.4	22.4
3000	230/3/60 or 460/3/60	50 x 28 x 42	45,000	62 x 28 x 76	40,000	1 1/2"	18 @ 15	10.4	26.0
5000	230/3/60 or 460/3/60	50 x 28 x 42	81,000	63 x 28 x 76	72,000	1 1/2"	30 @ 15	18.4	36.7
7500	230/3/60 or 460/3/60	58 x 32 x 55	111,000	90 x 32 x 100	99,000	2"	46 @ 15	24.2	48.3
10000	230/3/60 or 460/3/60	58 x 32 x 55	137,000	90 x 32 x 100	122,000	2"	60 @ 15	28.6	57.2
15000	230/3/60 or 460/3/60	58 x 42 x 74	222,000	90 x 42 x 108	198,000	2"	90 @ 15	40.7	81.2
20000	230/3/60 or 460/3/60	71 x 42 x 74	274,000	80 x 42 x 108	245,000	3"	120 @ 15	50.4	100.8
30000	460/3/60	101 x 42 x 71	411,000	110 x 42 x 101	367,000	3"	180 @ 15	73.1	n/a
40000	460/3/60	74 x 84 x 84	548,000	70 x 86 x 105	490,000	4"	240 @ 15	95.8	n/a
60000	460/3/60	105 x 84 x 104	822,000	105 x 86 x 117	735,000	4"	360 @ 15	141.2	n/a

Larger units and alternate voltage available. Please contact factory.  
Ratings provided based on 95°F ambient and 85°F entering fluid temp. Operating ranges provided below but will affect capacity.  
Fluid temperature range +50°F to +90°F.  
Indoor ambient temperature range +50°F to +95°F. Outdoor ambient temperature range -20°F to 95°F.  
Lower fluid temp and higher ambient temp designs available upon request.



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