



SEC Heat Exchangers
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R134A Hi-Pressure BRAZED

Refrigerant Fluid: R134A
 Water in Secondary Circuit

EVAPORATOR SINGLE CIRCUIT

MODEL	RT	BTU/H
LB31-20XJ	1	12,000
LB31-30XJ	2	24,000
LB60-20X5J	3	36,000
LB60-30X5J	5	60,000
LB60-50X5J	7.5	90,000
LC110-30X2J	10	120,000
LC110-40VX2J	12.5	150,000
LC110-50VX2J	15	180,000
LC110-70VX2J	20	240,000
LC110-90VX2J	25	300,000
LC110-110VX2J	30	360,000
LC110-180VX2J	40	480,000

CONDENSER SINGLE CIRCUIT

MODEL	RT	BTU/H
LB31-20XJ	1	12,000
LB31-30XJ	2	24,000
LB60-20X5J	3	36,000
LB60-30X5J	5	60,000
LB60-40X5J	7.5	90,000
LC110-20X2J	10	120,000
LC110-30X2J	12.5	150,000
LC110-40X2J	15	180,000
LC110-50X2J	20	240,000
LC110-60X2J	25	300,000
LC110-70X2J	30	360,000
LC110-100X2J	40	480,000

DUAL CIRCUIT

MODEL	RT	BTU/H
LB60-20x20-DCX5J	3+3	72,000
LB60-40x40-DCX5J	5+5	120,000
LB60-50x50-DCX5J	7.5+7.5	180,000
LC110-30x30-DCX2J	10+10	240,000
LC110-40x40-DCVX2J	12.5+12.5	300,000
LC110-50x50-DCVX2J	15+15	360,000
LC110-70x70-DCVX2J	20+20	480,000

DUAL CIRCUIT

MODEL	RT	BTU/H
LB60-20x20-DCX5J	3+3	72,000
LB60-30x30-DCX5J	5+5	120,000
LB60-40x40-DCX5J	7.5+7.5	180,000
LC110-20x20-DCX2J	10+10	240,000
LC110-30x30-DCX2J	12.5+12.5	300,000
LC110-30x30-DCX2J	15+15	360,000
LC110-40x40-DCX2J	20+20	480,000

* VX... models available with distributor

Heat Exchanger Type	Dimensions (in)					Dual Connections	
	A	B	C	D	F	NPT	Solder
LB31-XJ	12.0	5.0	9.8	2.8	0.49+0.09NP	1"	7/8"
LB60-X5J	20.0	5.0	17.5	2.5	0.49+0.09NP	1-1/2"	1-3/8"
LC110-X2J	20.9	9.8	17.9	6.9	0.51+0.09NP	2"	2"

NP = number of plates

Different Connection options may be available from stock at time of order

Standard Construction:

Heating Plates: AISI 316
 Brazing Material: Copper (Optional-Nickel)
 Single Wall Plates (Optional-Double Wall)

Design Parameters:

Working Pressure up to 435 PSI
 Working Temperature up to 302° F

Standard Products are UL Listed
 (ASME option- contact AIC for details)