Rating Conditions

65 °F Return Gas

0 F Subcooling

95 °F Ambient Air Over

60 Hz Operation

LOW TEMPERATURE

Blue Area Restrictions: 50°F Max Return Gas Temp. Head Fan Required

LAHB-031E-CAB

COPELAMETIC® HCFC-22

COMPRESSOR

CAB 230-1-60

Condensing Temperature °F (Sat. Dew Pt. Pressure, psig)

Evaporating Temperature °F (Sat. Dew Pt. Pressure, psig)

		-40.0 (1)	-35.0 (3)	-30.0 (5)	-25.0 (7)	-20.0 (10)	-15.0 (13)	-10.0 (17)	-5.0 (20)	0.0 (24)
130.0 (297)	C	2,510	3,760	5,200	6,830	8,650	10,600	12,800	15,200	17,700
	P	1,400	1,640	1,890	2,160	2,420	2,690	2,970	3,240	3,520
	A	6.8	7.8	8.8	9.9	11.0	12.1	13.3	14.5	15.8
	M	38	56	78	103	130	161	194	230	269
	E	1.8	2.3	2.7	3.2	3.6	4.0	4.3	4.7	5.0
	%	34.4	41.5	47.1	51.5	54.9	57.4	59.2	60.4	61.1
120.0 (260)	C	3,820	5,090	6,580	8,280	10,200	12,300	14,600	17,100	19,800
	P	1,580	1,800	2,030	2,270	2,510	2,760	3,020	3,270	3,520
	A	7.6	8.4	9.4	10.3	11.3	12.4	13.5	14.6	15.8
	M	54	73	94	118	146	177	210	247	287
	E	2.4	2.8	3.2	3.6	4.1	4.5	4.8	5.2	5.6
	%	42.0	46.4	50.2	53.4	55.9	57.9	59.3	60.2	60.7
110.0 (226)	C	4,720	6,040	7,600	9,400	11,400	13,700	16,200	18,900	21,800
	P	1,650	1,850	2,060	2,280	2,510	2,740	2,970	3,210	3,450
	A	7.9	8.7	9.5	10.4	11.3	12.3	13.3	14.4	15.5
	M	64	82	104	129	157	188	222	260	301
	E	2.9	3.3	3.7	4.1	4.6	5.0	5.4	5.9	6.3
	%	44.7	48.2	51.4	54.1	56.3	58.1	59.3	60.1	60.4
105.0 (211)	C	5,060	6,420	8,030	9,890	12,000	14,300	16,900	19,700	22,700
	P	1,670	1,860	2,060	2,270	2,490	2,710	2,930	3,160	3,390
	A	7.9	8.7	9.5	10.4	11.3	12.2	13.2	14.2	15.2
	M	67	86	107	132	161	193	228	266	307
	E	3.0	3.5	3.9	4.4	4.8	5.3	5.8	6.2	6.7
	%	45.3	48.6	51.6	54.3	56.5	58.1	59.3	60.0	60.2
100.0 (196)	C	5,360	6,760	8,430	10,400	12,500	15,000	17,600	20,600	23,700
	P	1,670	1,850	2,040	2,250	2,450	2,670	2,890	3,100	3,320
	A	7.9	8.7	9.5	10.3	11.1	12.0	13.0	13.9	14.9
	M	70	88	110	136	165	197	233	272	314
	E	3.2	3.7	4.1	4.6	5.1	5.6	6.1	6.6	7.1
	%	45.6	48.8	51.8	54.4	56.5	58.2	59.3	59.9	60.1
90.0 (168)	C	5,910	7,430	9,230	11,300	13,700	16,300	19,200	22,400	25,800
	P	1,660	1,830	2,010	2,190	2,390	2,590	2,790	3,000	3,200
	A	7.9	8.6	9.3	10.1	10.9	11.7	12.6	13.5	14.4
	M	74	93	116	143	173	206	243	284	328
	E	3.6	4.1	4.6	5.2	5.7	6.3	6.9	7.5	8.1
	%	45.5	48.8	51.8	54.4	56.5	58.0	59.0	59.4	59.4
80.0 (144)	C	6,530	8,190	10,200	12,400	15,000	17,900	21,100	24,500	28,200
	P	1,680	1,830	1,990	2,170	2,350	2,540	2,730	2,920	3,120
	A	8.0	8.6	9.3	10.0	10.7	11.5	12.3	13.2	14.0
	M	79	99	123	151	182	218	257	299	346
	E	3.9	4.5	5.1	5.7	6.4	7.1	7.7	8.4	9.1
	%	44.8	48.2	51.2	53.8	55.7	57.1	57.9	58.0	57.7
70.0 (121)	C	7,390	9,220	11,400	13,900	16,700	19,900	23,300	27,100	31,100
	P	1,750	1,890	2,050	2,210	2,380	2,560	2,740	2,930	3,110
	A	8.3	8.9	9.5	10.2	10.9	11.6	12.4	13.1	13.9
	M	86	108	133	163	196	233	274	319	368
	E	4.2	4.9	5.6	6.3	7.0	7.7	8.5	9.2	10.0
	%	43.4	46.7	49.6	51.9	53.7	54.8	55.2	55.1	54.3

C: Capacity (Btu/hr), P: Power (W), A: Current (Amps), M: Mass Flow (lb/hr), E: EER (Btu/Wh), %: Isentropic Efficiency (%)

Nominal Performance Values (±5%) based on 72 hours run-in. Subject to change without notice. Current @ 230 V