Rating Conditions

65 °F Return Gas

0 F Subcooling

95 °F Ambient Air Over

60 Hz Operation

LOW TEMPERATURE

HFCs Require Use of Polyol Ester Lubricant Approved on Form 93-11

LAHB-032E-CAB

COPELAMETIC® HFC-404A COMPRESSOR

CAB 230-1-60

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

		-40.0 (4)	-35.0 (7)	-30.0 (10)	-25.0 (13)	-20.0 (16)	-15.0 (20)	-10.0 (24)	-5.0 (28)	0.0 (33)
130.0 (354)	C	1,540	3,140	4,840	6,620	8,500	10,500	12,600	14,800	17,100
	P	1,640	1,940	2,240	2,550	2,860	3,170	3,480	3,770	4,050
	A	8.8	9.9	11.1	12.3	13.5	14.8	16.0	17.3	18.5
	M	33	69	106	146	188	232	280	330	384
	E	0.9	1.6	2.2	2.6	3.0	3.3	3.6	3.9	4.2
	%	20.4	33.6	42.4	48.4	52.5	55.3	57.3	58.7	59.6
120.0 (310)	C	3,120	4,770	6,540	8,450	10,500	12,700	15,000	17,500	20,200
	P	1,830	2,100	2,380	2,660	2,950	3,230	3,510	3,780	4,040
	A	9.6	10.6	11.6	12.7	13.9	15.0	16.2	17.3	18.4
	M	62	95	131	169	211	256	304	357	413
	E	1.7	2.3	2.7	3.2	3.6	3.9	4.3	4.6	5.0
	%	32.3	40.8	46.8	51.2	54.3	56.6	58.2	59.4	60.3
110.0 (270)	C	4,690	6,380	8,240	10,300	12,500	14,900	17,500	20,300	23,300
	P	2,000	2,240	2,490	2,750	3,010	3,270	3,520	3,770	4,010
	A	10.2	11.1	12.1	13.1	14.1	15.2	16.2	17.3	18.3
	M	86	117	152	190	232	277	327	381	439
	E	2.3	2.8	3.3	3.7	4.2	4.6	5.0	5.4	5.8
	%	39.0	44.8	49.3	52.6	55.1	57.0	58.5	59.5	60.2
105.0 (252)	C	5,450	7,170	9,070	11,200	13,500	16,000	18,800	21,700	24,900
	P	2,080	2,300	2,540	2,780	3,030	3,270	3,520	3,760	3,980
	A	10.5	11.4	12.3	13.2	14.2	15.2	16.2	17.2	18.2
	M	96	127	161	199	241	287	337	392	452
	E	2.6	3.1	3.6	4.0	4.5	4.9	5.3	5.8	6.3
	%	41.1	46.1	49.9	53.0	55.3	57.0	58.4	59.3	60.0
100.0 (235)	C	6,200	7,940	9,890	12,100	14,500	17,100	20,000	23,100	26,500
	P	2,140	2,350	2,570	2,800	3,040	3,270	3,500	3,730	3,950
	A	10.8	11.6	12.4	13.3	14.3	15.2	16.2	17.1	18.0
	M	106	136	170	208	250	296	347	403	464
	E	2.9	3.4	3.8	4.3	4.8	5.2	5.7	6.2	6.7
	%	42.7	46.9	50.4	53.1	55.3	56.9	58.2	59.1	59.7
90.0 (202)	C	7,620	9,410	11,500	13,800	16,400	19,300	22,400	25,900	29,600
	P	2,230	2,410	2,600	2,810	3,020	3,230	3,440	3,640	3,840
	A	11.1	11.8	12.6	13.4	14.2	15.1	15.9	16.8	17.6
	M	122	151	185	222	265	312	365	422	485
	E	3.4	3.9	4.4	4.9	5.4	6.0	6.5	7.1	7.7
	%	44.6	47.9	50.7	53.1	54.9	56.4	57.5	58.3	58.7
80.0 (173)	C	8,910	10,800	12,900	15,400	18,200	21,300	24,800	28,500	32,600
	P	2,260	2,410	2,580	2,760	2,950	3,130	3,320	3,510	3,680
	A	11.2	11.8	12.5	13.2	13.9	14.7	15.4	16.2	16.9
	M	135	163	196	234	277	326	380	439	505
	E	3.9	4.5	5.0	5.6	6.2	6.8	7.5	8.1	8.9
	%	45.5	48.2	50.7	52.8	54.5	55.8	56.7	57.3	57.5
70.0 (147)	C	10,000	12,000	14,200	16,900	19,900	23,200	27,000	31,100	35,600
	P	2,220	2,350	2,490	2,650	2,810	2,970	3,140	3,300	3,460
	A	11.0	11.5	12.1	12.7	13.4	14.0	14.7	15.3	16.0
	M	144	172	205	243	287	336	392	453	520
	E	4.5	5.1	5.7	6.4	7.1	7.8	8.6	9.4	10.3
	%	45.9	48.4	50.6	52.5	54.1	55.2	56.0	56.3	56.2

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