

### 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

### EAVB-021E-CAV

COPELAMETIC® HFC-404A  
 COMPRESSOR  
 CAV 208/230-1-60

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	1,120	2,330	3,520	4,710	5,890	7,100	8,320	9,590	10,900
	P	1,150	1,390	1,610	1,810	2,000	2,180	2,340	2,490	2,640
	A	6.4	7.3	8.1	8.8	9.6	10.3	10.9	11.5	12.1
	M	24	51	77	103	130	157	185	214	245
	E	1.0	1.7	2.2	2.6	2.9	3.3	3.6	3.8	4.1
	%	21.2	34.8	43.1	48.5	52.1	54.6	56.3	57.5	58.4
120.0 (310)	C	2,480	3,580	4,700	5,870	7,080	8,350	9,700	11,100	12,600
	P	1,330	1,530	1,710	1,880	2,040	2,200	2,340	2,480	2,610
	A	7.1	7.8	8.4	9.1	9.7	10.3	10.9	11.4	12.0
	M	49	71	94	117	142	168	196	226	258
	E	1.9	2.3	2.8	3.1	3.5	3.8	4.1	4.5	4.9
	%	35.4	42.2	46.9	50.3	52.9	54.8	56.4	57.6	58.5
110.0 (270)	C	3,710	4,720	5,810	6,980	8,250	9,620	11,100	12,700	14,500
	P	1,450	1,610	1,760	1,910	2,040	2,180	2,300	2,430	2,550
	A	7.5	8.1	8.6	9.2	9.7	10.2	10.7	11.2	11.7
	M	68	87	107	129	153	179	207	238	272
	E	2.6	2.9	3.3	3.7	4.0	4.4	4.8	5.2	5.7
	%	42.6	46.2	49.1	51.5	53.5	55.2	56.7	57.9	58.8
105.0 (252)	C	4,270	5,250	6,330	7,510	8,810	10,200	11,800	13,500	15,400
	P	1,490	1,640	1,770	1,900	2,030	2,160	2,280	2,400	2,510
	A	7.6	8.2	8.7	9.2	9.7	10.1	10.6	11.1	11.6
	M	75	93	112	134	157	183	212	244	280
	E	2.9	3.2	3.6	3.9	4.3	4.8	5.2	5.7	6.1
	%	44.7	47.5	49.8	51.9	53.8	55.4	56.8	57.9	58.8
100.0 (235)	C	4,780	5,730	6,810	8,020	9,360	10,900	12,500	14,400	16,400
	P	1,520	1,650	1,770	1,890	2,010	2,130	2,250	2,360	2,480
	A	7.7	8.2	8.7	9.1	9.6	10.1	10.5	11.0	11.5
	M	82	98	117	138	161	188	217	250	287
	E	3.1	3.5	3.8	4.2	4.7	5.1	5.6	6.1	6.6
	%	46.2	48.3	50.2	52.1	53.9	55.5	56.8	57.9	58.8
90.0 (202)	C	5,650	6,580	7,670	8,940	10,400	12,100	13,900	16,000	18,300
	P	1,560	1,660	1,760	1,860	1,960	2,070	2,180	2,290	2,410
	A	7.8	8.2	8.6	9.0	9.4	9.8	10.3	10.7	11.2
	M	91	106	123	144	168	195	226	261	300
	E	3.6	4.0	4.4	4.8	5.3	5.8	6.4	7.0	7.6
	%	47.3	48.7	50.3	52.0	53.6	55.1	56.4	57.4	58.0
80.0 (173)	C	6,310	7,240	8,380	9,740	11,300	13,200	15,300	17,600	20,200
	P	1,560	1,640	1,720	1,810	1,910	2,010	2,110	2,230	2,350
	A	7.8	8.1	8.4	8.8	9.2	9.6	10.0	10.5	11.0
	M	95	110	127	148	173	201	234	271	313
	E	4.0	4.4	4.9	5.4	5.9	6.6	7.2	7.9	8.6
	%	46.5	47.6	49.1	50.8	52.4	53.9	55.0	55.7	56.0
70.0 (147)	C	6,720	7,670	8,880	10,400	12,100	14,200	16,500	19,200	22,200
	P	1,560	1,620	1,690	1,770	1,850	1,950	2,060	2,180	2,310
	A	7.7	8.0	8.2	8.5	8.9	9.3	9.7	10.2	10.8
	M	96	110	128	149	175	205	240	279	324
	E	4.3	4.7	5.3	5.9	6.5	7.3	8.0	8.8	9.6
	%	43.9	45.0	46.6	48.3	50.0	51.3	52.3	52.7	52.5

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