

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

EAVA-021E-TAC

COPELAMETIC® HFC-404A
COMPRESSOR
TAC 208/230-3-60

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	2,930	3,390	4,010	4,800	5,740	6,810	8,010	9,340	10,800
	P	1,230	1,350	1,480	1,630	1,800	1,970	2,160	2,350	2,550
	A	4.8	5.0	5.3	5.6	6.0	6.4	6.8	7.3	7.8
	M	64	74	88	106	127	151	178	209	242
	E	2.4	2.5	2.7	2.9	3.2	3.5	3.7	4.0	4.2
	%	51.9	52.0	53.2	54.8	56.4	57.9	58.9	59.5	59.7
120.0 (310)	C	3,090	3,730	4,550	5,530	6,680	7,970	9,390	10,900	12,600
	P	1,190	1,320	1,460	1,620	1,790	1,960	2,150	2,330	2,530
	A	4.7	5.0	5.2	5.6	6.0	6.4	6.8	7.2	7.7
	M	61	74	91	111	134	161	190	223	258
	E	2.6	2.8	3.1	3.4	3.7	4.1	4.4	4.7	5.0
	%	49.4	50.9	53.0	55.1	57.0	58.5	59.5	60.1	60.2
110.0 (270)	C	3,510	4,310	5,290	6,450	7,780	9,260	10,900	12,700	14,500
	P	1,170	1,310	1,460	1,620	1,780	1,950	2,130	2,300	2,480
	A	4.7	4.9	5.2	5.6	5.9	6.3	6.7	7.2	7.6
	M	64	79	97	119	144	172	203	237	274
	E	3.0	3.3	3.6	4.0	4.4	4.7	5.1	5.5	5.9
	%	49.9	51.9	54.1	56.2	58.0	59.3	60.2	60.7	60.6
105.0 (252)	C	3,790	4,670	5,730	6,970	8,380	9,950	11,700	13,500	15,500
	P	1,170	1,310	1,460	1,620	1,780	1,940	2,110	2,280	2,450
	A	4.7	4.9	5.2	5.6	5.9	6.3	6.7	7.1	7.5
	M	67	83	102	124	150	178	210	244	281
	E	3.2	3.6	3.9	4.3	4.7	5.1	5.5	5.9	6.3
	%	50.7	52.6	54.8	56.8	58.5	59.7	60.5	60.9	60.8
100.0 (235)	C	4,130	5,070	6,200	7,520	9,010	10,700	12,500	14,400	16,500
	P	1,180	1,320	1,460	1,620	1,770	1,930	2,090	2,250	2,410
	A	4.7	5.0	5.3	5.6	5.9	6.3	6.7	7.0	7.4
	M	70	87	106	129	155	184	216	251	289
	E	3.5	3.8	4.2	4.7	5.1	5.5	6.0	6.4	6.8
	%	51.6	53.4	55.4	57.3	58.9	60.0	60.7	61.0	60.8
90.0 (202)	C	4,910	5,960	7,220	8,670	10,300	12,100	14,100	16,200	18,500
	P	1,200	1,340	1,480	1,620	1,760	1,900	2,050	2,180	2,320
	A	4.7	5.0	5.3	5.6	5.9	6.2	6.6	6.9	7.2
	M	79	96	116	140	167	196	229	264	302
	E	4.1	4.5	4.9	5.4	5.9	6.4	6.9	7.4	8.0
	%	53.1	54.6	56.3	57.9	59.2	60.2	60.7	60.9	60.7
80.0 (173)	C	5,810	6,960	8,320	9,880	11,600	13,600	15,700	17,900	20,300
	P	1,250	1,370	1,490	1,620	1,740	1,860	1,980	2,090	2,190
	A	4.8	5.1	5.3	5.6	5.9	6.1	6.4	6.6	6.9
	M	88	105	126	150	177	207	240	276	314
	E	4.7	5.1	5.6	6.1	6.7	7.3	7.9	8.6	9.3
	%	53.6	54.9	56.3	57.7	58.9	59.7	60.3	60.5	60.4
70.0 (147)	C	6,770	7,990	9,440	11,100	12,900	15,000	17,200	19,600	22,100
	P	1,300	1,410	1,510	1,620	1,710	1,800	1,890	1,960	2,030
	A	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.5
	M	97	115	136	160	187	217	250	285	324
	E	5.2	5.7	6.2	6.9	7.6	8.3	9.1	10.0	10.9
	%	52.9	53.9	55.2	56.5	57.7	58.7	59.3	59.7	59.7

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