

Rating Conditions

65 °F Return Gas
 0 F Subcooling
 95 °F Ambient Air Over
 60 Hz Operation

MEDIUM TEMPERATURE

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

ERFA-031E-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)

		-5.0 (28)	0.0 (33)	5.0 (38)	10.0 (43)	15.0 (49)	20.0 (55)	25.0 (62)
140.0 (402)	C	8,110	9,560	11,100	12,700	14,400	16,300	18,400
	P	2,590	2,820	3,050	3,270	3,490	3,710	3,920
	A	8.3	8.8	9.4	9.9	10.4	11.0	11.5
	M	203	241	281	324	372	425	484
	E	3.1	3.4	3.6	3.9	4.1	4.4	4.7
	%	55.7	57.0	57.8	58.2	58.6	58.9	59.2
130.0 (354)	C	9,750	11,400	13,200	15,000	17,100	19,300	21,700
	P	2,600	2,810	3,010	3,210	3,410	3,600	3,780
	A	8.3	8.8	9.3	9.7	10.2	10.7	11.2
	M	218	256	298	342	391	446	505
	E	3.8	4.1	4.4	4.7	5.0	5.4	5.7
	%	56.2	57.4	58.2	58.7	59.1	59.4	59.6
120.0 (310)	C	11,500	13,400	15,300	17,500	19,800	22,300	25,100
	P	2,580	2,760	2,950	3,130	3,300	3,460	3,620
	A	8.3	8.7	9.1	9.5	9.9	10.3	10.8
	M	234	273	315	361	411	467	530
	E	4.5	4.8	5.2	5.6	6.0	6.4	6.9
	%	57.3	58.3	58.9	59.4	59.6	59.8	59.9
110.0 (270)	C	13,300	15,400	17,500	19,900	22,500	25,300	28,400
	P	2,530	2,700	2,860	3,010	3,160	3,300	3,430
	A	8.1	8.5	8.9	9.3	9.6	9.9	10.3
	M	250	289	332	378	430	487	550
	E	5.3	5.7	6.1	6.6	7.1	7.7	8.3
	%	58.3	59.0	59.5	59.7	59.9	59.9	59.8
100.0 (235)	C	15,200	17,400	19,700	22,300	25,100	28,200	31,500
	P	2,460	2,600	2,740	2,880	3,000	3,120	3,230
	A	8.0	8.3	8.6	8.9	9.2	9.5	9.8
	M	264	304	347	394	446	505	565
	E	6.2	6.7	7.2	7.7	8.4	9.0	9.8
	%	58.8	59.3	59.5	59.6	59.5	59.3	59.0
90.0 (202)	C	16,900	19,200	21,800	24,500	27,500	30,900	34,500
	P	2,370	2,490	2,610	2,720	2,830	2,920	3,010
	A	7.8	8.1	8.4	8.6	8.8	9.0	9.3
	M	276	315	358	406	458	515	580
	E	7.1	7.7	8.3	9.0	9.7	10.6	11.5
	%	58.7	58.8	58.8	58.6	58.3	57.9	57.2
80.0 (173)	C	18,500	21,000	23,600	26,600	29,800	33,300	37,200
	P	2,270	2,370	2,470	2,560	2,640	2,710	2,770
	A	7.6	7.8	8.0	8.2	8.4	8.6	8.7
	M	285	324	367	414	466	525	590
	E	8.2	8.8	9.6	10.4	11.3	12.3	13.4
	%	57.6	57.5	57.2	56.7	56.1	55.3	54.3
70.0 (147)	C	20,000	22,500	25,300	28,400	31,800	35,500	39,700
	P	2,160	2,240	2,320	2,380	2,440	2,490	2,530
	A	7.3	7.5	7.7	7.8	8.0	8.1	8.2
	M	291	329	371	418	470	530	595
	E	9.3	10.0	10.9	11.9	13.0	14.3	15.7
	%	55.4	55.0	54.4	53.6	52.7	51.5	49.9

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