

Rating Conditions

65 °F Return Gas
 0 F Subcooling
 95 °F Ambient Air Over

60 Hz Operation

MEDIUM TEMPERATURE

ERCA-021E-TAC

COPELAMETIC® HCFC-22
 COMPRESSOR
 TAC 208/230-3-60

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

		-5.0 (20)	0.0 (24)	5.0 (28)	10.0 (33)	15.0 (38)	20.0 (43)	25.0 (49)
140.0 (337)	C	5,190	6,250	7,430	8,720	10,100	11,700	13,400
	P	1,420	1,580	1,740	1,880	2,030	2,180	2,330
	A	4.6	5.0	5.4	5.8	6.1	6.5	6.9
	M	83	100	120	141	165	191	220
	E	3.6	3.9	4.3	4.6	5.0	5.4	5.8
	%	52.9	54.1	55.2	56.3	57.2	57.9	58.2
130.0 (297)	C	6,000	7,140	8,400	9,810	11,400	13,100	15,000
	P	1,430	1,580	1,720	1,850	1,980	2,110	2,240
	A	4.6	5.0	5.4	5.7	6.0	6.3	6.7
	M	91	109	128	150	175	202	233
	E	4.2	4.5	4.9	5.3	5.7	6.2	6.7
	%	54.3	55.0	55.9	57.0	57.9	58.7	59.2
120.0 (260)	C	6,810	8,020	9,380	10,900	12,600	14,500	16,600
	P	1,420	1,560	1,680	1,800	1,910	2,020	2,120
	A	4.6	4.9	5.3	5.5	5.8	6.1	6.4
	M	98	116	136	159	184	213	245
	E	4.8	5.2	5.6	6.1	6.6	7.2	7.8
	%	55.4	55.7	56.5	57.5	58.5	59.4	60.0
110.0 (226)	C	7,610	8,900	10,400	12,000	13,800	15,900	18,200
	P	1,390	1,520	1,630	1,730	1,830	1,910	2,000
	A	4.5	4.8	5.1	5.4	5.6	5.8	6.1
	M	105	123	144	167	193	223	256
	E	5.5	5.9	6.3	6.9	7.6	8.3	9.1
	%	56.0	56.0	56.7	57.6	58.7	59.6	60.3
100.0 (196)	C	8,410	9,770	11,300	13,100	15,100	17,300	19,800
	P	1,360	1,480	1,580	1,670	1,740	1,810	1,870
	A	4.5	4.7	5.0	5.2	5.4	5.6	5.7
	M	111	129	150	175	202	232	267
	E	6.2	6.6	7.2	7.9	8.7	9.6	10.6
	%	55.9	55.6	56.1	57.0	58.1	59.1	59.9
90.0 (168)	C	9,180	10,600	12,300	14,200	16,400	18,800	21,400
	P	1,340	1,450	1,540	1,610	1,670	1,720	1,760
	A	4.4	4.7	4.9	5.0	5.2	5.3	5.4
	M	117	135	157	182	210	241	277
	E	6.9	7.3	8.0	8.8	9.8	10.9	12.2
	%	54.5	54.0	54.4	55.3	56.3	57.3	58.1
80.0 (144)	C	9,950	11,500	13,300	15,300	17,600	20,200	23,100
	P	1,340	1,440	1,510	1,570	1,610	1,640	1,660
	A	4.5	4.7	4.8	4.9	5.0	5.1	5.2
	M	122	141	163	188	217	250	287
	E	7.4	8.0	8.8	9.7	10.9	12.3	13.9
	%	51.5	50.9	51.2	52.0	52.9	53.9	54.5
70.0 (121)	C	10,700	12,300	14,200	16,400	18,900	21,600	24,700
	P	1,360	1,450	1,520	1,560	1,580	1,590	1,590
	A	4.6	4.7	4.9	5.0	5.0	5.1	5.1
	M	126	146	168	195	225	258	296
	E	7.9	8.5	9.4	10.5	11.9	13.6	15.5
	%	46.8	46.2	46.3	46.9	47.6	48.3	48.6

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