

Rating Conditions

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

60 Hz Operation

MEDIUM TEMPERATURE

MRA2-050A-TFC

COPELAMETIC® CFC-12
 COMPRESSOR
 TFC 208/230-3-60

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

		-5.0 (7)	0.0 (9)	5.0 (12)	10.0 (15)	15.0 (18)	20.0 (21)	25.0 (25)
145.0 (220)	C	11,600	13,300	15,400	17,700	20,200	22,900	25,700
	P	3,620	3,750	3,930	4,170	4,440	4,750	5,100
	A	12.1	12.5	13.1	13.7	14.3	15.1	15.9
	M	263	302	349	402	461	525	590
	E	3.2	3.6	3.9	4.2	4.5	4.8	5.0
	%	47.0	49.3	51.3	52.6	53.1	53.0	52.2
140.0 (206)	C	12,700	14,400	16,400	18,800	21,300	24,100	27,100
	P	3,560	3,690	3,880	4,110	4,370	4,680	5,000
	A	12.0	12.5	13.0	13.5	14.2	14.9	15.7
	M	278	316	362	414	473	535	605
	E	3.6	3.9	4.2	4.6	4.9	5.2	5.4
	%	49.1	50.8	52.3	53.2	53.6	53.3	52.5
130.0 (181)	C	14,500	16,200	18,300	20,700	23,500	26,500	29,700
	P	3,470	3,610	3,780	4,000	4,250	4,530	4,830
	A	11.9	12.3	12.8	13.3	13.9	14.5	15.2
	M	301	337	381	433	492	555	625
	E	4.2	4.5	4.8	5.2	5.5	5.9	6.2
	%	51.6	52.3	53.0	53.4	53.5	53.1	52.3
120.0 (157)	C	16,100	17,800	20,000	22,600	25,500	28,800	32,300
	P	3,400	3,530	3,710	3,910	4,140	4,390	4,650
	A	11.8	12.2	12.6	13.1	13.6	14.2	14.8
	M	317	352	395	447	505	575	645
	E	4.7	5.0	5.4	5.8	6.2	6.6	6.9
	%	52.1	52.1	52.4	52.6	52.5	52.2	51.4
110.0 (136)	C	17,600	19,400	21,700	24,400	27,600	31,200	35,000
	P	3,350	3,480	3,640	3,830	4,030	4,250	4,480
	A	11.7	12.1	12.4	12.9	13.3	13.8	14.4
	M	330	364	408	461	520	590	665
	E	5.3	5.6	5.9	6.4	6.8	7.3	7.8
	%	51.4	51.0	51.0	51.0	51.0	50.6	50.0
100.0 (117)	C	19,100	21,000	23,400	26,400	29,800	33,700	38,000
	P	3,310	3,440	3,590	3,750	3,930	4,120	4,310
	A	11.6	11.9	12.3	12.6	13.1	13.5	14.0
	M	342	376	421	476	540	610	690
	E	5.8	6.1	6.5	7.0	7.6	8.2	8.8
	%	49.9	49.2	49.0	49.0	48.9	48.7	48.2
90.0 (100)	C	20,700	22,700	25,300	28,500	32,300	36,500	41,200
	P	3,280	3,400	3,540	3,680	3,840	3,990	4,140
	A	11.5	11.8	12.1	12.4	12.8	13.2	13.6
	M	356	391	437	493	560	635	720
	E	6.3	6.7	7.2	7.7	8.4	9.2	10.0
	%	47.9	47.1	46.8	46.7	46.6	46.4	45.9

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