

Rating Conditions

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

60 Hz Operation

MEDIUM TEMPERATURE

MRH4-076A-TFD

COPELAMETIC® HCFC-502

COMPRESSOR

TFD 460-3-60

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

		-5.0 (26)	0.0 (30)	5.0 (35)	10.0 (40)	15.0 (46)	20.0 (52)	25.0 (58)
130.0 (319)	C	23,800	27,400	31,400	35,900	40,900	46,400	52,500
	P	5,600	6,050	6,500	6,950	7,450	7,900	8,400
	A	9.7	10.2	10.8	11.4	12.0	12.7	13.4
	M	565	650	750	860	985	1,120	1,280
	E	4.3	4.5	4.8	5.2	5.5	5.9	6.2
	%	59.4	59.5	59.7	60.0	60.1	60.0	59.8
120.0 (281)	C	27,600	31,700	36,300	41,400	47,000	53,000	60,000
	P	5,500	5,900	6,350	6,750	7,150	7,600	8,050
	A	9.6	10.0	10.6	11.1	11.7	12.3	12.9
	M	605	700	805	920	1,050	1,190	1,350
	E	5.0	5.3	5.7	6.1	6.6	7.0	7.4
	%	60.6	61.0	61.3	61.5	61.6	61.3	60.8
110.0 (246)	C	31,200	35,800	40,900	46,600	53,000	59,500	67,000
	P	5,450	5,800	6,150	6,550	6,900	7,300	7,650
	A	9.4	9.8	10.3	10.8	11.3	11.8	12.4
	M	640	740	845	970	1,100	1,250	1,410
	E	5.7	6.2	6.6	7.1	7.7	8.2	8.7
	%	60.8	61.3	61.6	61.8	61.7	61.2	60.4
100.0 (214)	C	34,700	39,800	45,400	51,500	58,500	65,500	73,500
	P	5,300	5,650	5,950	6,300	6,600	6,950	7,300
	A	9.2	9.6	10.0	10.5	10.9	11.4	11.9
	M	670	770	885	1,010	1,140	1,290	1,460
	E	6.5	7.0	7.6	8.2	8.8	9.4	10.1
	%	60.2	60.7	61.0	61.0	60.6	59.9	58.8
90.0 (185)	C	38,200	43,600	49,700	56,500	63,500	71,500	80,000
	P	5,200	5,450	5,750	6,050	6,350	6,650	6,950
	A	9.1	9.4	9.8	10.2	10.6	11.1	11.5
	M	700	800	915	1,040	1,180	1,330	1,490
	E	7.4	8.0	8.6	9.3	10.0	10.8	11.5
	%	59.0	59.3	59.4	59.2	58.5	57.5	55.9

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 @ 460 V