

Rating Conditions

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

60 Hz Operation

LOW TEMPERATURE

9RB1-076A-TFC

COPELAMETIC® HCFC-502

COMPRESSOR

TFC 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 (6)	-30.0 (9)	-25.0 (12)	-20.0 (15)	-15.0 (18)	-10.0 (22)	-5.0 (26)
130.0 (319)	C	13,000	15,400	17,900	20,500	23,500	26,900	30,900	35,800
	P	4,280	4,980	5,650	6,350	7,050	7,700	8,400	9,050
	A	18.1	19.5	21.0	22.4	24.0	25.6	27.2	29.0
	M	301	359	418	480	550	630	730	845
	E	3.0	3.1	3.2	3.2	3.3	3.5	3.7	4.0
	%	61.5	59.8	57.8	56.0	54.8	54.3	54.3	55.0
120.0 (281)	C	15,400	18,200	21,100	24,100	27,400	31,200	35,700	40,900
	P	4,470	5,100	5,750	6,350	6,950	7,550	8,150	8,750
	A	18.6	19.9	21.2	22.5	23.9	25.3	26.8	28.4
	M	333	394	457	525	595	680	780	900
	E	3.5	3.6	3.7	3.8	3.9	4.1	4.4	4.7
	%	62.1	60.9	59.3	57.9	56.8	56.2	56.2	56.7
110.0 (246)	C	17,900	21,100	24,300	27,600	31,300	35,500	40,300	45,900
	P	4,700	5,300	5,850	6,400	6,950	7,450	7,950	8,450
	A	19.1	20.2	21.4	22.5	23.8	25.0	26.4	27.8
	M	362	427	492	560	640	725	825	945
	E	3.8	4.0	4.1	4.3	4.5	4.8	5.1	5.4
	%	61.1	60.4	59.4	58.3	57.4	57.0	57.0	57.4
105.0 (230)	C	19,200	22,600	25,900	29,400	33,300	37,600	42,600	48,400
	P	4,830	5,400	5,900	6,450	6,950	7,400	7,900	8,350
	A	19.3	20.4	21.5	22.6	23.7	24.9	26.2	27.5
	M	377	443	510	580	655	745	845	965
	E	4.0	4.2	4.4	4.6	4.8	5.1	5.4	5.8
	%	60.2	59.9	59.0	58.1	57.4	57.0	57.0	57.4
100.0 (214)	C	20,600	24,100	27,600	31,200	35,200	39,700	44,900	51,000
	P	4,960	5,500	6,000	6,450	6,900	7,350	7,800	8,200
	A	19.5	20.5	21.5	22.6	23.7	24.8	26.0	27.2
	M	392	459	525	595	675	765	865	985
	E	4.2	4.4	4.6	4.8	5.1	5.4	5.8	6.2
	%	59.3	59.2	58.5	57.8	57.2	56.9	56.9	57.3
90.0 (185)	C	23,500	27,300	31,000	35,000	39,300	44,100	49,500	56,000
	P	5,200	5,650	6,100	6,500	6,850	7,250	7,550	7,900
	A	19.8	20.7	21.7	22.6	23.6	24.6	25.6	26.7
	M	423	492	560	635	710	800	905	1,020
	E	4.5	4.8	5.1	5.4	5.7	6.1	6.5	7.1
	%	57.4	57.6	57.3	56.8	56.5	56.3	56.4	56.8

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