

### Rating Conditions

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

60 Hz Operation

### HIGH TEMPERATURE

### NRA2-050A-TFC

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

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

		0.0 (24)	5.0 (28)	10.0 (33)	15.0 (38)	20.0 (43)	25.0 (49)	30.0 (55)	35.0 (62)	45.0 (76)	55.0 (93)
140.0 (337)	C	15,900	18,900	22,100	25,500	29,300	33,300	37,700	42,300	52,500	64,000
	P	4,380	4,730	5,100	5,450	5,750	6,100	6,450	6,750	7,450	8,100
	A	13.3	14.2	15.1	15.9	16.8	17.6	18.4	19.1	20.6	21.9
	M	256	304	357	415	478	545	620	700	880	1,090
	E	3.6	4.0	4.3	4.7	5.1	5.5	5.9	6.3	7.1	7.9
	%	49.8	51.5	52.9	53.9	54.7	55.2	55.4	55.3	54.2	52.0
130.0 (297)	C	17,000	20,200	23,800	27,700	31,800	36,300	41,200	46,300	57,500	70,500
	P	4,210	4,550	4,890	5,200	5,500	5,800	6,100	6,400	6,900	7,400
	A	13.0	13.8	14.7	15.5	16.2	17.0	17.6	18.3	19.4	20.4
	M	258	309	365	426	492	565	640	725	915	1,130
	E	4.0	4.4	4.9	5.3	5.8	6.2	6.7	7.3	8.3	9.5
	%	49.1	50.9	52.4	53.6	54.5	55.1	55.5	55.5	54.6	52.5
120.0 (260)	C	18,800	22,400	26,300	30,600	35,100	40,000	45,300	51,000	63,000	77,000
	P	4,050	4,390	4,710	5,000	5,300	5,550	5,800	6,000	6,400	6,750
	A	12.6	13.5	14.3	15.0	15.7	16.3	16.9	17.4	18.3	18.9
	M	273	326	384	447	515	590	670	760	955	1,180
	E	4.6	5.1	5.6	6.1	6.6	7.2	7.8	8.5	9.9	11.4
	%	50.3	51.7	53.0	54.1	54.9	55.4	55.7	55.7	54.8	52.7
110.0 (226)	C	21,100	25,000	29,200	33,800	38,700	44,000	49,700	56,000	69,000	84,000
	P	3,910	4,240	4,540	4,820	5,050	5,300	5,500	5,650	5,900	6,100
	A	12.3	13.1	13.9	14.6	15.2	15.7	16.2	16.6	17.2	17.5
	M	292	346	406	471	540	620	700	790	990	1,220
	E	5.4	5.9	6.4	7.0	7.6	8.3	9.1	9.9	11.7	13.8
	%	51.7	52.6	53.5	54.2	54.8	55.2	55.4	55.3	54.3	51.9
100.0 (196)	C	23,400	27,500	32,000	36,900	42,200	47,800	54,000	60,500	74,500	90,500
	P	3,780	4,100	4,380	4,630	4,850	5,050	5,200	5,300	5,450	5,450
	A	12.0	12.8	13.5	14.2	14.7	15.2	15.5	15.8	16.1	16.1
	M	310	365	426	493	565	645	730	820	1,030	1,260
	E	6.2	6.7	7.3	8.0	8.7	9.5	10.4	11.4	13.7	16.6
	%	52.1	52.5	53.0	53.4	53.7	53.9	53.9	53.7	52.4	49.6
90.0 (168)	C	25,200	29,500	34,300	39,500	45,100	51,000	57,500	64,500	79,500	96,500
	P	3,650	3,960	4,230	4,450	4,640	4,780	4,880	4,940	4,940	4,790
	A	11.7	12.5	13.2	13.8	14.3	14.6	14.9	15.1	15.1	14.7
	M	320	377	439	505	580	660	745	840	1,050	1,290
	E	6.9	7.5	8.1	8.9	9.7	10.7	11.8	13.0	16.1	20.1
	%	50.8	50.8	50.8	50.9	51.0	51.0	50.8	50.4	48.7	45.3
80.0 (144)	C	26,100	30,700	35,700	41,100	47,000	53,500	60,000	67,500	83,500	101,000
	P	3,520	3,820	4,070	4,270	4,420	4,530	4,580	4,580	4,450	4,140
	A	11.5	12.2	12.9	13.4	13.9	14.2	14.3	14.4	14.2	13.5
	M	320	377	439	510	585	665	750	845	1,060	1,300
	E	7.4	8.0	8.8	9.6	10.6	11.8	13.1	14.7	18.7	24.5
	%	47.3	46.9	46.8	46.7	46.5	46.3	45.9	45.2	42.9	38.3
70.0 (121)	C	25,800	30,500	35,700	41,400	47,600	54,000	61,500	69,000	85,500	104,000
	P	3,390	3,680	3,910	4,090	4,210	4,270	4,270	4,220	3,950	3,470
	A	11.3	12.0	12.7	13.2	13.5	13.7	13.8	13.8	13.3	12.3
	M	305	362	424	493	570	650	740	835	1,040	1,290
	E	7.6	8.3	9.1	10.1	11.3	12.7	14.4	16.3	21.7	30.1
	%	41.4	41.0	40.7	40.5	40.2	39.8	39.1	38.1	34.6	27.5

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