

Rating Conditions

20 °F Superheat
 15 F Subcooling
 95 °F Ambient Air Over

60 Hz Operation

AIR CONDITIONING

4RK2-250A-TSK

COPELAMETIC® HCFC- 22

COMPRESSOR

TSK 208/230/460-3-60

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

		10.0 (33)	20.0 (43)	25.0 (49)	30.0 (55)	35.0 (62)	40.0 (69)	45.0 (76)	50.0 (84)	55.0 (93)
140.0 (337)	C	96,000	125,000	142,000	160,000	180,000	201,000	224,000	248,000	274,000
	P	17,800	20,300	21,500	22,700	23,800	25,000	26,100	27,100	28,100
	A	29.8	32.8	34.3	35.7	37.1	38.5	39.9	41.2	42.5
	M	1,570	2,010	2,260	2,530	2,820	3,130	3,460	3,800	4,170
	E	5.4	6.2	6.6	7.0	7.5	8.0	8.6	9.1	9.7
	%	60.9	61.2	61.3	61.4	61.3	61.0	60.5	59.8	58.9
130.0 (297)	C	106,000	138,000	156,000	177,000	199,000	223,000	249,000	276,000	306,000
	P	17,200	19,400	20,500	21,600	22,600	23,500	24,500	25,400	26,300
	A	28.9	31.6	32.9	34.2	35.4	36.6	37.8	39.0	40.1
	M	1,650	2,100	2,370	2,650	2,960	3,300	3,650	4,030	4,440
	E	6.2	7.1	7.6	8.2	8.8	9.5	10.1	10.9	11.6
	%	61.6	62.0	62.2	62.3	62.3	62.1	61.6	60.9	59.8
120.0 (260)	C	117,000	151,000	171,000	194,000	218,000	245,000	274,000	305,000	338,000
	P	16,700	18,600	19,500	20,400	21,300	22,100	22,900	23,700	24,400
	A	27.9	30.3	31.5	32.6	33.7	34.7	35.8	36.7	37.7
	M	1,730	2,200	2,470	2,770	3,100	3,460	3,840	4,250	4,680
	E	7.0	8.1	8.8	9.5	10.2	11.1	11.9	12.8	13.8
	%	62.0	62.3	62.5	62.7	62.6	62.4	61.8	60.9	59.6
110.0 (226)	C	129,000	165,000	187,000	211,000	238,000	267,000	299,000	333,000	369,000
	P	16,100	17,800	18,500	19,300	20,000	20,700	21,400	22,000	22,600
	A	27.1	29.1	30.1	31.1	32.0	32.9	33.7	34.5	35.2
	M	1,820	2,290	2,580	2,890	3,240	3,610	4,020	4,450	4,910
	E	8.0	9.3	10.1	10.9	11.9	12.9	14.0	15.1	16.3
	%	62.0	62.0	62.2	62.2	62.1	61.6	60.8	59.6	57.9
100.0 (196)	C	141,000	179,000	203,000	229,000	258,000	289,000	324,000	361,000	401,000
	P	15,500	16,900	17,600	18,200	18,800	19,300	19,800	20,300	20,800
	A	26.2	28.0	28.8	29.6	30.3	31.0	31.6	32.2	32.8
	M	1,910	2,390	2,680	3,010	3,370	3,760	4,180	4,640	5,100
	E	9.1	10.6	11.5	12.6	13.7	15.0	16.3	17.8	19.3
	%	61.4	61.1	61.1	60.9	60.5	59.7	58.5	56.7	54.4
90.0 (168)	C	154,000	194,000	219,000	247,000	278,000	312,000	349,000	390,000	433,000
	P	14,900	16,100	16,600	17,000	17,500	17,900	18,300	18,600	19,000
	A	25.4	26.8	27.4	28.0	28.6	29.1	29.5	29.9	30.3
	M	2,000	2,490	2,790	3,120	3,490	3,900	4,340	4,810	5,300
	E	10.3	12.1	13.2	14.5	15.9	17.4	19.1	20.9	22.8
	%	60.1	59.3	59.0	58.5	57.6	56.3	54.5	52.0	48.8

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 @ 460 V