

Rating Conditions

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

60 Hz Operation

AIR CONDITIONING

4DC3R20ME-TSK

COPELAMETIC® HCFC-22

DISCUS® 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	94,000	124,000	141,000	160,000	180,000	202,000	225,000	250,000	276,000
	P	16,800	18,800	19,800	20,800	21,800	22,700	23,400	24,100	24,500
	A	52.4	57.3	59.7	62.0	64.2	66.3	68.2	69.9	71.4
	M	1,534	1,985	2,244	2,523	2,823	3,142	3,479	3,834	4,205
	E	5.6	6.6	7.1	7.7	8.3	8.9	9.6	10.4	11.3
	%	63.1	65.3	66.1	66.7	67.2	67.5	67.7	67.9	68.1
130.0 (297)	C	104,000	136,000	154,000	174,000	196,000	219,000	244,000	270,000	297,000
	P	16,100	17,900	18,800	19,700	20,500	21,200	21,700	22,200	22,400
	A	50.8	55.1	57.2	59.2	61.0	62.7	64.2	65.5	66.6
	M	1,606	2,070	2,333	2,617	2,920	3,242	3,581	3,937	4,310
	E	6.4	7.6	8.2	8.9	9.6	10.3	11.2	12.2	13.2
	%	64.1	66.3	67.0	67.4	67.8	67.9	68.0	68.1	68.1
120.0 (260)	C	113,000	148,000	168,000	189,000	212,000	236,000	262,000	290,000	318,000
	P	15,400	16,900	17,700	18,400	19,000	19,600	20,000	20,200	20,300
	A	48.9	52.7	54.4	56.1	57.6	58.9	60.0	60.8	61.4
	M	1,673	2,149	2,418	2,706	3,013	3,338	3,680	4,038	4,412
	E	7.4	8.7	9.5	10.3	11.1	12.1	13.1	14.3	15.7
	%	64.8	66.9	67.5	67.9	68.0	68.1	68.0	67.9	67.7
110.0 (226)	C	123,000	160,000	181,000	204,000	228,000	254,000	281,000	310,000	340,000
	P	14,600	15,900	16,500	17,000	17,500	17,900	18,100	18,200	18,000
	A	46.9	50.0	51.5	52.8	53.9	54.8	55.4	55.9	56.0
	M	1,736	2,224	2,498	2,791	3,102	3,430	3,775	4,136	4,512
	E	8.4	10.1	11.0	11.9	13.0	14.2	15.5	17.0	18.9
	%	65.3	67.3	67.8	68.0	68.0	67.8	67.5	67.1	66.8
100.0 (196)	C	133,000	172,000	194,000	218,000	244,000	271,000	300,000	330,000	361,000
	P	13,700	14,700	15,200	15,600	15,900	16,100	16,200	16,000	15,700
	A	44.7	47.3	48.4	49.3	50.0	50.5	50.8	50.7	50.4
	M	1,796	2,296	2,576	2,873	3,188	3,520	3,868	4,232	4,611
	E	9.7	11.7	12.8	14.0	15.3	16.8	18.5	20.6	23.1
	%	65.4	67.3	67.6	67.6	67.4	67.0	66.4	65.7	65.0
90.0 (168)	C	143,000	185,000	208,000	233,000	260,000	289,000	319,000	350,000	383,000
	P	12,800	13,500	13,900	14,100	14,300	14,300	14,100	13,800	13,300
	A	42.6	44.6	45.3	45.9	46.2	46.3	46.1	45.6	44.8
	M	1,853	2,366	2,650	2,953	3,272	3,608	3,960	4,327	4,708
	E	11.2	13.6	15.0	16.5	18.2	20.2	22.5	25.4	28.9
	%	65.2	66.8	66.9	66.7	66.1	65.3	64.3	63.1	61.8
80.0 (144)	C	153,000	197,000	222,000	248,000	277,000	307,000	338,000	371,000	405,000
	P	11,800	12,300	12,500	12,600	12,600	12,400	12,100	11,500	10,800
	A	40.6	41.9	42.4	42.5	42.5	42.1	41.5	40.5	39.2
	M	1,908	2,433	2,723	3,030	3,354	3,694	4,050	4,420	4,805
	E	13.0	16.0	17.8	19.8	22.0	24.7	28.0	32.1	37.6
	%	64.5	65.7	65.5	64.8	63.8	62.4	60.7	58.6	56.0
70.0 (121)	C	163,000	210,000	236,000	264,000	293,000	325,000	357,000	392,000	428,000
	P	10,700	11,000	11,000	11,000	10,800	10,500	9,950	9,200	8,250
	A	38.8	39.5	39.6	39.4	38.9	38.2	37.1	35.6	33.8
	M	1,962	2,499	2,795	3,107	3,435	3,780	4,139	4,513	4,901
	E	15.2	19.1	21.4	24.1	27.2	31.1	36.0	42.5	51.8
	%	63.1	63.7	63.0	61.7	59.9	57.5	54.4	50.5	45.3

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