

Rating Conditions

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

60 Hz Operation

LOW TEMPERATURE

Use only with Demand Cooling®
 Refer to AE 4-1287

6DT3F11ME-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)

		-40.0 (1)	-35.0 (3)	-30.0 (5)	-25.0 (7)	-20.0 (10)	-15.0 (13)	-10.0 (17)	-5.0 (20)	0.0 (24)
130.0 (297)	C	33,600	45,200	57,000	69,000	82,000	96,000	112,000	130,000	151,000
	P	14,400	16,600	18,700	20,700	22,600	24,400	26,200	28,000	29,700
	A	27.2	29.6	31.9	34.2	36.4	38.6	40.8	43.0	45.2
	M	505	680	855	1,040	1,230	1,450	1,700	1,980	2,300
	E	2.3	2.7	3.0	3.3	3.6	3.9	4.3	4.7	5.1
	%	44.7	49.4	52.2	54.1	55.7	57.1	58.6	60.2	62.0
120.0 (260)	C	44,000	56,000	68,000	81,000	94,500	110,000	127,000	146,000	168,000
	P	15,000	16,900	18,700	20,400	22,100	23,600	25,200	26,700	28,200
	A	27.9	29.9	31.9	33.8	35.7	37.6	39.4	41.3	43.3
	M	630	800	975	1,160	1,360	1,580	1,820	2,110	2,430
	E	2.9	3.3	3.6	4.0	4.3	4.6	5.0	5.5	5.9
	%	50.9	54.3	56.4	57.9	59.1	60.3	61.5	62.8	64.2
110.0 (226)	C	51,000	63,500	76,000	89,500	104,000	120,000	138,000	159,000	182,000
	P	15,000	16,600	18,200	19,700	21,100	22,500	23,800	25,200	26,600
	A	27.9	29.6	31.3	32.9	34.5	36.1	37.7	39.4	41.1
	M	695	865	1,040	1,230	1,430	1,650	1,900	2,190	2,510
	E	3.4	3.8	4.2	4.6	4.9	5.3	5.8	6.3	6.8
	%	53.5	56.5	58.5	59.9	61.1	62.1	63.2	64.4	65.5
105.0 (211)	C	54,000	66,500	79,500	93,500	108,000	125,000	143,000	164,000	188,000
	P	14,800	16,400	17,800	19,200	20,500	21,800	23,100	24,400	25,700
	A	27.7	29.3	30.9	32.4	33.9	35.3	36.8	38.4	40.0
	M	720	890	1,060	1,250	1,450	1,680	1,930	2,220	2,550
	E	3.6	4.1	4.5	4.9	5.3	5.7	6.2	6.7	7.3
	%	54.2	57.3	59.2	60.6	61.8	62.9	63.9	64.9	66.0
100.0 (196)	C	56,500	69,500	83,000	97,000	112,000	130,000	149,000	170,000	195,000
	P	14,600	16,000	17,400	18,700	19,900	21,100	22,300	23,600	24,800
	A	27.5	29.0	30.4	31.8	33.2	34.5	36.0	37.4	38.9
	M	740	910	1,090	1,270	1,480	1,700	1,960	2,250	2,580
	E	3.9	4.3	4.8	5.2	5.7	6.1	6.7	7.2	7.9
	%	55.0	58.0	60.0	61.4	62.5	63.5	64.5	65.4	66.3
90.0 (168)	C	62,500	76,000	90,000	105,000	121,000	140,000	160,000	183,000	209,000
	P	14,000	15,200	16,400	17,600	18,700	19,800	20,900	22,000	23,200
	A	26.9	28.2	29.4	30.6	31.8	33.0	34.3	35.6	36.9
	M	780	955	1,130	1,320	1,530	1,760	2,030	2,320	2,660
	E	4.5	5.0	5.5	6.0	6.5	7.1	7.7	8.3	9.0
	%	57.0	59.8	61.7	63.1	64.1	64.9	65.6	66.1	66.5
80.0 (144)	C	70,000	84,500	99,500	115,000	133,000	152,000	174,000	198,000	226,000
	P	13,400	14,500	15,500	16,600	17,600	18,600	19,600	20,700	21,800
	A	26.4	27.5	28.6	29.7	30.8	31.9	33.0	34.2	35.5
	M	845	1,020	1,200	1,400	1,610	1,850	2,120	2,420	2,760
	E	5.2	5.8	6.4	7.0	7.5	8.2	8.8	9.6	10.3
	%	60.3	62.7	64.3	65.2	65.8	66.2	66.3	66.2	65.9
70.0 (121)	C	81,500	96,500	113,000	129,000	148,000	169,000	192,000	218,000	247,000
	P	12,900	13,900	14,900	15,800	16,800	17,800	18,800	19,900	21,000
	A	26.2	27.2	28.2	29.2	30.2	31.2	32.3	33.5	34.7
	M	950	1,130	1,320	1,520	1,740	1,980	2,260	2,570	2,920
	E	6.3	7.0	7.6	8.2	8.8	9.5	10.2	11.0	11.8
	%	65.1	66.7	67.4	67.6	67.5	67.0	66.3	65.3	64.0

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