

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

6DL3F93KE-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	22,900	33,800	44,900	56,500	68,500	81,500	95,500	111,000	128,000
	P	10,800	13,000	15,000	16,900	18,600	20,200	21,700	23,200	24,600
	A	22.1	24.3	26.4	28.3	30.2	32.1	33.9	35.7	37.5
	M	343	505	675	845	1,030	1,230	1,440	1,680	1,950
	E	2.1	2.6	3.0	3.3	3.7	4.0	4.4	4.8	5.2
	%	40.6	47.1	51.2	54.1	56.5	58.5	60.3	61.9	63.3
120.0 (260)	C	32,600	43,600	55,000	66,500	79,000	92,000	107,000	123,000	141,000
	P	11,800	13,700	15,400	16,900	18,300	19,700	20,900	22,200	23,500
	A	23.1	24.9	26.7	28.3	29.9	31.5	33.0	34.5	36.1
	M	464	620	785	950	1,130	1,330	1,540	1,780	2,040
	E	2.7	3.2	3.6	3.9	4.3	4.7	5.1	5.5	6.0
	%	47.6	52.0	55.1	57.4	59.3	61.0	62.5	63.8	64.9
110.0 (226)	C	40,100	51,500	62,500	74,500	87,500	101,000	117,000	133,000	152,000
	P	12,200	13,800	15,200	16,400	17,600	18,700	19,800	20,900	22,000
	A	23.5	25.0	26.4	27.8	29.1	30.4	31.7	33.0	34.4
	M	545	700	855	1,020	1,200	1,390	1,600	1,840	2,100
	E	3.3	3.7	4.1	4.5	5.0	5.4	5.9	6.4	6.9
	%	51.6	55.1	57.7	59.7	61.5	62.9	64.2	65.2	66.0
105.0 (211)	C	43,400	54,500	66,000	78,500	91,500	105,000	121,000	138,000	157,000
	P	12,200	13,600	14,900	16,100	17,100	18,200	19,200	20,200	21,200
	A	23.4	24.8	26.1	27.4	28.6	29.8	31.0	32.2	33.5
	M	580	730	885	1,050	1,230	1,420	1,630	1,860	2,120
	E	3.6	4.0	4.4	4.9	5.3	5.8	6.3	6.8	7.4
	%	53.1	56.4	58.8	60.8	62.4	63.8	65.0	65.8	66.4
100.0 (196)	C	46,500	58,000	69,500	82,000	95,000	109,000	125,000	143,000	162,000
	P	12,100	13,400	14,600	15,600	16,600	17,600	18,500	19,500	20,500
	A	23.3	24.6	25.8	26.9	28.0	29.1	30.2	31.4	32.6
	M	605	755	910	1,070	1,250	1,440	1,650	1,890	2,150
	E	3.8	4.3	4.8	5.2	5.7	6.2	6.8	7.3	7.9
	%	54.5	57.6	59.9	61.8	63.4	64.6	65.6	66.3	66.6
90.0 (168)	C	52,500	64,000	76,000	88,500	102,000	117,000	134,000	152,000	172,000
	P	11,700	12,800	13,800	14,700	15,500	16,400	17,200	18,100	19,100
	A	22.9	24.0	25.0	26.0	26.9	27.9	28.8	29.9	30.9
	M	660	805	955	1,120	1,290	1,480	1,700	1,930	2,190
	E	4.5	5.0	5.5	6.0	6.6	7.2	7.8	8.4	9.0
	%	57.2	59.9	62.0	63.7	65.0	65.9	66.5	66.7	66.4
80.0 (144)	C	59,000	70,500	83,000	96,000	110,000	126,000	143,000	162,000	183,000
	P	11,300	12,300	13,100	13,900	14,600	15,400	16,200	17,100	18,100
	A	22.5	23.4	24.3	25.1	25.9	26.8	27.7	28.6	29.6
	M	710	855	1,010	1,170	1,340	1,530	1,750	1,980	2,240
	E	5.2	5.8	6.3	6.9	7.6	8.2	8.8	9.5	10.1
	%	59.8	62.1	63.8	65.0	65.9	66.3	66.3	65.7	64.6
70.0 (121)	C	66,500	79,000	91,500	105,000	120,000	136,000	154,000	174,000	196,000
	P	11,100	11,900	12,700	13,400	14,100	14,800	15,700	16,600	17,600
	A	22.2	23.0	23.8	24.5	25.3	26.1	27.0	27.9	28.9
	M	780	920	1,070	1,230	1,410	1,600	1,810	2,050	2,310
	E	6.0	6.6	7.2	7.9	8.5	9.2	9.8	10.5	11.1
	%	61.8	63.4	64.5	65.1	65.2	64.9	64.0	62.6	60.5

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 @ 460 V