

Rating Conditions

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

60 Hz Operation

AIR CONDITIONING

6DP3R35ME-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	161,000	206,000	231,000	258,000	288,000	320,000	356,000	395,000	439,000
	P	28,000	31,000	32,400	33,800	35,100	36,400	37,600	38,700	39,800
	A	44.3	47.9	49.7	51.3	53.0	54.5	56.0	57.5	58.8
	M	2,640	3,310	3,680	4,080	4,510	4,980	5,500	6,050	6,700
	E	5.8	6.6	7.1	7.6	8.2	8.8	9.5	10.2	11.0
	%	64.8	65.9	66.2	66.4	66.6	66.7	66.8	66.8	66.7
130.0 (297)	C	177,000	225,000	252,000	282,000	314,000	349,000	387,000	429,000	476,000
	P	26,900	29,500	30,800	31,900	33,000	34,000	35,000	35,900	36,700
	A	42.9	46.0	47.5	48.9	50.3	51.5	52.7	53.8	54.8
	M	2,740	3,440	3,820	4,230	4,680	5,150	5,700	6,250	6,900
	E	6.6	7.6	8.2	8.8	9.5	10.2	11.1	12.0	13.0
	%	65.6	66.7	67.0	67.1	67.3	67.3	67.2	67.0	66.6
120.0 (260)	C	192,000	244,000	273,000	305,000	339,000	377,000	418,000	463,000	512,000
	P	25,600	27,900	28,900	29,900	30,700	31,500	32,300	32,900	33,500
	A	41.4	44.1	45.3	46.4	47.5	48.4	49.3	50.1	50.8
	M	2,840	3,550	3,950	4,370	4,830	5,350	5,850	6,450	7,100
	E	7.5	8.8	9.5	10.2	11.0	11.9	13.0	14.1	15.3
	%	66.2	67.2	67.4	67.5	67.5	67.4	67.1	66.6	65.9
110.0 (226)	C	207,000	263,000	294,000	328,000	364,000	404,000	448,000	496,000	548,000
	P	24,200	26,100	26,900	27,700	28,300	28,900	29,400	29,800	30,100
	A	39.8	42.0	42.9	43.8	44.6	45.3	45.9	46.3	46.7
	M	2,930	3,660	4,060	4,490	4,960	5,450	6,000	6,600	7,250
	E	8.6	10.1	10.9	11.8	12.9	14.0	15.3	16.6	18.2
	%	66.5	67.3	67.4	67.4	67.3	66.9	66.4	65.6	64.5
100.0 (196)	C	222,000	281,000	314,000	350,000	389,000	431,000	478,000	528,000	583,000
	P	22,600	24,200	24,800	25,300	25,800	26,100	26,300	26,500	26,500
	A	38.2	39.8	40.6	41.2	41.7	42.1	42.4	42.5	42.6
	M	3,010	3,750	4,160	4,610	5,100	5,600	6,150	6,750	7,450
	E	9.8	11.6	12.7	13.8	15.1	16.5	18.1	19.9	22.0
	%	66.4	67.1	67.1	66.9	66.5	65.8	64.9	63.6	61.9
90.0 (168)	C	237,000	300,000	334,000	372,000	413,000	458,000	507,000	560,000	617,000
	P	21,000	22,100	22,500	22,900	23,100	23,200	23,200	23,100	22,900
	A	36.4	37.6	38.1	38.5	38.7	38.9	38.9	38.8	38.5
	M	3,080	3,840	4,260	4,710	5,200	5,750	6,300	6,900	7,600
	E	11.3	13.5	14.8	16.3	17.9	19.8	21.8	24.2	27.0
	%	66.1	66.4	66.2	65.7	64.9	63.9	62.3	60.3	57.6
80.0 (144)	C	252,000	318,000	354,000	394,000	438,000	484,000	536,000	591,000	651,000
	P	19,200	20,000	20,200	20,300	20,300	20,200	20,000	19,600	19,100
	A	34.6	35.4	35.7	35.8	35.8	35.7	35.4	35.0	34.5
	M	3,150	3,920	4,350	4,810	5,300	5,850	6,400	7,050	7,700
	E	13.1	15.9	17.5	19.4	21.5	24.0	26.8	30.2	34.1
	%	65.3	65.0	64.5	63.6	62.3	60.6	58.2	55.0	50.8
70.0 (121)	C	267,000	336,000	374,000	416,000	461,000	511,000	564,000	622,000	685,000
	P	17,400	17,800	17,800	17,700	17,500	17,100	16,600	16,000	15,300
	A	32.8	33.2	33.2	33.1	32.9	32.5	32.0	31.3	30.5
	M	3,220	4,000	4,430	4,900	5,400	5,950	6,550	7,150	7,850
	E	15.3	18.8	21.0	23.5	26.4	29.8	33.9	38.8	44.8
	%	63.8	62.8	61.7	60.2	58.1	55.2	51.3	46.2	39.3

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 @ 460 V