

Rating Conditions

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

60 Hz Operation

AIR CONDITIONING

6DY3R32ME-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	150,000	191,000	215,000	240,000	268,000	298,000	330,000	365,000	403,000
	P	25,600	28,200	29,400	30,700	31,800	33,000	34,100	35,100	36,000
	A	41.0	44.1	45.6	47.0	48.4	49.8	51.1	52.4	53.7
	M	2,440	3,070	3,420	3,800	4,200	4,630	5,100	5,600	6,150
	E	5.9	6.8	7.3	7.8	8.4	9.0	9.7	10.4	11.2
	%	65.9	67.4	67.9	68.2	68.4	68.4	68.3	68.1	67.7
130.0 (297)	C	163,000	207,000	233,000	260,000	289,000	321,000	356,000	393,000	433,000
	P	24,400	26,700	27,800	28,800	29,800	30,800	31,600	32,400	33,100
	A	39.8	42.4	43.6	44.8	46.0	47.1	48.2	49.2	50.1
	M	2,530	3,160	3,520	3,900	4,310	4,760	5,250	5,750	6,300
	E	6.7	7.8	8.4	9.0	9.7	10.4	11.3	12.1	13.1
	%	66.8	68.0	68.4	68.6	68.7	68.6	68.3	67.9	67.3
120.0 (260)	C	176,000	223,000	250,000	279,000	310,000	344,000	381,000	420,000	463,000
	P	23,100	25,100	26,000	26,900	27,700	28,400	29,100	29,600	30,100
	A	38.4	40.6	41.6	42.6	43.5	44.3	45.1	45.8	46.5
	M	2,590	3,240	3,600	3,990	4,410	4,860	5,350	5,850	6,400
	E	7.6	8.9	9.6	10.4	11.2	12.1	13.1	14.2	15.4
	%	67.0	68.1	68.4	68.5	68.5	68.3	67.9	67.3	66.4
110.0 (226)	C	188,000	238,000	266,000	297,000	331,000	367,000	406,000	448,000	493,000
	P	21,700	23,400	24,200	24,900	25,500	26,000	26,400	26,700	26,900
	A	36.9	38.7	39.5	40.2	40.9	41.5	42.0	42.5	42.8
	M	2,650	3,310	3,680	4,080	4,500	4,960	5,450	6,000	6,550
	E	8.6	10.2	11.0	12.0	13.0	14.1	15.4	16.8	18.3
	%	66.8	67.8	68.0	68.1	67.9	67.5	66.9	66.0	64.8
100.0 (196)	C	200,000	253,000	284,000	317,000	352,000	391,000	432,000	476,000	524,000
	P	20,300	21,700	22,300	22,800	23,200	23,500	23,700	23,700	23,700
	A	35.4	36.8	37.4	37.9	38.3	38.7	38.9	39.1	39.2
	M	2,700	3,380	3,760	4,160	4,600	5,050	5,600	6,100	6,700
	E	9.8	11.7	12.7	13.9	15.2	16.6	18.3	20.1	22.1
	%	66.4	67.2	67.4	67.3	66.9	66.3	65.4	64.1	62.4
90.0 (168)	C	213,000	270,000	302,000	337,000	375,000	416,000	460,000	507,000	557,000
	P	18,900	19,900	20,300	20,600	20,800	20,900	20,900	20,700	20,400
	A	33.9	34.9	35.3	35.6	35.8	35.9	35.9	35.8	35.6
	M	2,770	3,460	3,850	4,270	4,720	5,200	5,700	6,250	6,850
	E	11.3	13.6	14.9	16.4	18.0	19.9	22.0	24.5	27.3
	%	65.9	66.5	66.4	66.0	65.4	64.4	62.9	61.0	58.4
80.0 (144)	C	229,000	289,000	323,000	360,000	400,000	444,000	490,000	540,000	593,000
	P	17,400	18,100	18,300	18,400	18,400	18,300	18,000	17,600	17,000
	A	32.5	33.1	33.2	33.3	33.3	33.1	32.9	32.5	32.1
	M	2,860	3,570	3,970	4,400	4,850	5,350	5,850	6,450	7,050
	E	13.1	16.0	17.6	19.6	21.8	24.3	27.2	30.7	34.8
	%	65.3	65.3	64.9	64.2	63.0	61.3	59.0	56.0	52.0
70.0 (121)	C	247,000	311,000	347,000	387,000	429,000	474,000	523,000	576,000	632,000
	P	16,000	16,300	16,300	16,200	16,000	15,600	15,100	14,400	13,600
	A	31.1	31.3	31.2	31.1	30.8	30.5	30.0	29.3	28.6
	M	2,980	3,710	4,110	4,550	5,000	5,500	6,050	6,650	7,250
	E	15.5	19.1	21.3	23.8	26.8	30.4	34.6	39.9	46.4
	%	64.4	63.6	62.6	61.1	59.0	56.2	52.4	47.4	40.6

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