

Rating Conditions

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

60 Hz Operation

AIR CONDITIONING

4DR3R28ME-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	129,000	167,000	189,000	213,000	238,000	266,000	295,000	326,000	359,000
	P	22,400	25,100	26,400	27,700	29,000	30,100	31,200	32,200	33,100
	A	36.2	39.3	41.0	42.6	44.1	45.6	46.9	48.1	49.0
	M	2,100	2,680	3,010	3,360	3,740	4,140	4,560	5,000	5,450
	E	5.8	6.7	7.2	7.7	8.2	8.8	9.4	10.1	10.9
	%	64.8	66.2	66.6	66.9	67.0	66.9	66.6	66.2	65.7
130.0 (297)	C	142,000	183,000	206,000	232,000	259,000	288,000	318,000	351,000	385,000
	P	21,500	23,900	25,100	26,200	27,200	28,200	29,100	29,800	30,400
	A	35.1	37.8	39.2	40.6	41.9	43.0	44.1	44.9	45.6
	M	2,200	2,790	3,120	3,480	3,860	4,260	4,680	5,100	5,600
	E	6.6	7.7	8.2	8.8	9.5	10.2	10.9	11.8	12.7
	%	65.8	67.0	67.3	67.3	67.2	66.9	66.5	65.9	65.1
120.0 (260)	C	155,000	198,000	223,000	250,000	279,000	309,000	341,000	375,000	412,000
	P	20,500	22,600	23,600	24,500	25,400	26,200	26,800	27,400	27,700
	A	34.0	36.3	37.4	38.5	39.6	40.5	41.3	41.8	42.2
	M	2,280	2,890	3,220	3,580	3,960	4,370	4,790	5,250	5,700
	E	7.5	8.8	9.5	10.2	11.0	11.8	12.7	13.7	14.8
	%	66.3	67.3	67.4	67.3	67.0	66.5	65.9	65.0	64.0
110.0 (226)	C	167,000	214,000	240,000	268,000	298,000	330,000	364,000	400,000	438,000
	P	19,500	21,200	22,100	22,800	23,500	24,100	24,500	24,800	25,000
	A	32.8	34.7	35.6	36.5	37.3	38.0	38.5	38.7	38.8
	M	2,360	2,970	3,310	3,680	4,060	4,470	4,900	5,350	5,800
	E	8.6	10.1	10.9	11.7	12.7	13.7	14.8	16.1	17.5
	%	66.4	67.2	67.1	66.8	66.3	65.6	64.6	63.5	62.1
100.0 (196)	C	179,000	229,000	257,000	286,000	318,000	352,000	387,000	425,000	464,000
	P	18,300	19,800	20,500	21,000	21,500	21,900	22,100	22,200	22,100
	A	31.5	33.1	33.8	34.5	35.0	35.5	35.7	35.7	35.5
	M	2,430	3,050	3,400	3,770	4,160	4,570	5,000	5,450	5,900
	E	9.8	11.6	12.5	13.6	14.8	16.1	17.5	19.1	21.0
	%	66.2	66.6	66.3	65.8	65.0	63.9	62.6	61.0	59.1
90.0 (168)	C	192,000	244,000	273,000	304,000	338,000	373,000	410,000	449,000	490,000
	P	17,100	18,300	18,800	19,200	19,500	19,600	19,700	19,500	19,200
	A	30.3	31.5	32.0	32.5	32.8	33.0	33.0	32.7	32.2
	M	2,490	3,130	3,480	3,850	4,250	4,660	5,100	5,550	6,050
	E	11.2	13.4	14.6	15.9	17.4	19.0	20.9	23.0	25.6
	%	65.5	65.5	65.0	64.1	62.9	61.4	59.5	57.3	54.6
80.0 (144)	C	204,000	259,000	290,000	323,000	358,000	395,000	433,000	474,000	517,000
	P	15,800	16,600	17,000	17,200	17,300	17,300	17,100	16,800	16,200
	A	29.0	29.8	30.2	30.5	30.6	30.5	30.3	29.8	29.0
	M	2,550	3,200	3,560	3,940	4,340	4,760	5,200	5,650	6,150
	E	13.0	15.6	17.1	18.8	20.6	22.8	25.3	28.3	31.9
	%	64.4	63.8	62.9	61.5	59.8	57.6	54.9	51.6	47.6
70.0 (121)	C	217,000	275,000	307,000	342,000	378,000	417,000	457,000	500,000	544,000
	P	14,300	15,000	15,100	15,200	15,100	14,900	14,500	13,900	13,100
	A	27.7	28.2	28.4	28.5	28.4	28.1	27.7	26.9	25.9
	M	2,610	3,280	3,640	4,020	4,430	4,850	5,300	5,750	6,250
	E	15.1	18.4	20.3	22.5	25.0	27.9	31.5	35.9	41.4
	%	62.8	61.3	59.7	57.7	55.0	51.7	47.7	42.6	36.3

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