

### Rating Conditions

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

60 Hz Operation

### AIR CONDITIONING

### 6DN3R37ME-TSN

COPELAMETIC® HCFC-22

DISCUS® COMPRESSOR

TSN 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	176,000	224,000	251,000	281,000	314,000	350,000	389,000	431,000	477,000
	P	31,000	34,400	36,000	37,600	39,100	40,500	41,900	43,100	44,300
	A	49.1	53.2	55.2	57.2	59.1	60.9	62.7	64.3	65.9
	M	2,870	3,600	4,010	4,450	4,930	5,450	6,000	6,600	7,250
	E	5.7	6.5	7.0	7.5	8.0	8.6	9.3	10.0	10.7
	%	63.7	64.6	64.9	65.2	65.4	65.5	65.5	65.5	65.3
130.0 (297)	C	191,000	243,000	273,000	305,000	340,000	378,000	420,000	465,000	513,000
	P	29,600	32,600	34,000	35,400	36,600	37,800	38,900	39,900	40,900
	A	47.4	51.0	52.7	54.4	56.0	57.5	58.9	60.2	61.4
	M	2,960	3,710	4,130	4,580	5,050	5,600	6,150	6,800	7,450
	E	6.5	7.4	8.0	8.6	9.3	10.0	10.8	11.6	12.6
	%	64.4	65.1	65.4	65.6	65.7	65.7	65.5	65.2	64.6
120.0 (260)	C	207,000	262,000	294,000	328,000	366,000	407,000	451,000	499,000	551,000
	P	28,100	30,800	31,900	33,100	34,100	35,000	35,900	36,600	37,300
	A	45.6	48.7	50.2	51.6	52.9	54.1	55.2	56.1	56.9
	M	3,050	3,810	4,240	4,710	5,200	5,750	6,350	6,950	7,650
	E	7.3	8.5	9.2	9.9	10.7	11.6	12.6	13.6	14.8
	%	64.7	65.4	65.6	65.7	65.6	65.5	65.1	64.5	63.7
110.0 (226)	C	222,000	282,000	316,000	352,000	392,000	436,000	483,000	533,000	588,000
	P	26,600	28,800	29,800	30,700	31,400	32,100	32,700	33,200	33,600
	A	43.9	46.5	47.7	48.8	49.8	50.6	51.4	52.0	52.5
	M	3,130	3,920	4,360	4,830	5,350	5,900	6,500	7,150	7,800
	E	8.4	9.8	10.6	11.5	12.5	13.6	14.7	16.1	17.5
	%	64.8	65.3	65.4	65.4	65.2	64.8	64.2	63.2	62.0
100.0 (196)	C	238,000	302,000	338,000	377,000	419,000	465,000	515,000	569,000	627,000
	P	24,900	26,700	27,500	28,200	28,700	29,200	29,500	29,700	29,800
	A	42.1	44.2	45.1	45.9	46.6	47.2	47.6	47.8	47.9
	M	3,220	4,020	4,470	4,960	5,500	6,050	6,650	7,300	8,000
	E	9.6	11.3	12.3	13.4	14.6	16.0	17.5	19.1	21.0
	%	64.6	64.9	64.9	64.7	64.3	63.6	62.5	61.1	59.3
90.0 (168)	C	254,000	322,000	360,000	402,000	447,000	496,000	548,000	605,000	666,000
	P	23,200	24,600	25,100	25,600	25,900	26,100	26,100	26,100	25,900
	A	40.4	41.9	42.6	43.1	43.4	43.7	43.7	43.6	43.4
	M	3,300	4,130	4,590	5,100	5,600	6,200	6,800	7,500	8,200
	E	11.0	13.1	14.3	15.7	17.3	19.0	21.0	23.2	25.7
	%	64.0	64.1	63.9	63.4	62.6	61.5	59.9	57.7	55.0
80.0 (144)	C	271,000	343,000	383,000	427,000	475,000	527,000	582,000	642,000	707,000
	P	21,400	22,400	22,700	22,900	23,000	22,900	22,700	22,400	21,900
	A	38.5	39.6	39.9	40.1	40.2	40.1	39.8	39.4	38.7
	M	3,390	4,230	4,700	5,200	5,750	6,350	7,000	7,650	8,400
	E	12.7	15.3	16.9	18.7	20.7	23.0	25.7	28.7	32.3
	%	63.0	62.7	62.1	61.2	59.9	58.1	55.6	52.4	48.1
70.0 (121)	C	288,000	364,000	407,000	454,000	504,000	559,000	617,000	680,000	748,000
	P	19,500	20,100	20,200	20,100	19,900	19,600	19,100	18,500	17,800
	A	36.7	37.2	37.2	37.1	36.9	36.4	35.8	35.0	34.0
	M	3,480	4,340	4,820	5,350	5,900	6,500	7,150	7,850	8,550
	E	14.8	18.1	20.2	22.6	25.3	28.5	32.3	36.7	42.1
	%	61.5	60.5	59.4	57.8	55.7	52.8	48.8	43.7	36.9

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