

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

POE Oil Required. See Form 93-11.

4DA3R12ME-TSK

COPELAMETIC® HFC-407C - Dew Pt.
 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 (-2)	-35.0 (0)	-30.0 (2)	-25.0 (4)	-20.0 (7)	-15.0 (9)	-10.0 (12)	-5.0 (16)	0.0 (19)
130.0 (307)	C	4,710	9,670	15,050	20,900	27,400	34,400	42,200	50,700	60,100
	P	4,080	5,020	5,970	6,920	7,870	8,830	9,790	10,800	11,750
	A	20.8	22.5	24.2	26.0	27.9	29.9	32.1	34.4	36.9
	M	71.9	144.5	225	312	409	517	635	766	910
	E	1.2	1.9	2.5	3.0	3.5	3.9	4.3	4.7	5.1
	%	23.5	36.4	44.9	51.0	55.5	58.8	61.4	63.3	64.7
120.0 (266)	C	10,250	15,300	20,800	26,900	33,500	40,900	49,000	57,800	67,600
	P	4,480	5,350	6,210	7,070	7,930	8,790	9,660	10,550	11,450
	A	21.6	23.1	24.7	26.4	28.2	30.0	32.0	34.1	36.4
	M	143	214	291	377	471	576	692	821	963
	E	2.3	2.9	3.4	3.8	4.3	4.7	5.1	5.5	5.9
	%	40.6	48.0	53.2	57.0	59.9	62.2	63.9	65.1	66.0
110.0 (229)	C	14,800	19,950	25,600	31,900	38,800	46,400	54,900	64,100	74,400
	P	4,780	5,570	6,340	7,110	7,880	8,650	9,430	10,200	11,000
	A	22.1	23.5	25.0	26.5	28.1	29.8	31.6	33.4	35.5
	M	196	264	340	424	517	620	734	861	1,000
	E	3.1	3.6	4.1	4.5	4.9	5.4	5.8	6.3	6.8
	%	49.5	54.1	57.5	60.1	62.1	63.7	64.9	65.7	66.2
105.0 (212)	C	16,800	22,000	27,800	34,100	41,200	49,000	57,600	67,100	77,500
	P	4,890	5,640	6,370	7,100	7,830	8,550	9,280	10,000	10,750
	A	22.3	23.7	25.1	26.5	28.0	29.6	31.2	33.0	34.9
	M	217	284	359	442	534	637	751	877	1,015
	E	3.5	3.9	4.4	4.8	5.3	5.8	6.2	6.7	7.2
	%	52.0	55.8	58.7	60.9	62.6	64.0	65.0	65.7	66.1
100.0 (196)	C	18,600	23,900	29,800	36,200	43,400	51,400	60,200	69,900	80,600
	P	4,970	5,680	6,380	7,070	7,750	8,430	9,110	9,800	10,500
	A	22.4	23.7	25.1	26.4	27.8	29.3	30.8	32.5	34.3
	M	234	302	376	458	550	652	765	891	1,030
	E	3.8	4.2	4.7	5.2	5.6	6.1	6.6	7.2	7.7
	%	53.8	57.0	59.4	61.4	62.9	64.1	65.0	65.6	65.8
90.0 (167)	C	22,000	27,400	33,500	40,200	47,700	56,000	65,200	75,300	86,500
	P	5,070	5,710	6,330	6,940	7,530	8,130	8,720	9,310	9,900
	A	22.6	23.7	24.9	26.1	27.3	28.6	29.9	31.3	32.8
	M	264	330	404	485	576	677	790	915	1,055
	E	4.4	4.8	5.3	5.8	6.4	6.9	7.5	8.1	8.8
	%	55.8	58.2	60.1	61.7	63.0	63.9	64.6	65.0	65.1
80.0 (141)	C	25,100	30,800	37,100	44,100	51,900	60,600	70,200	80,800	92,500
	P	5,090	5,650	6,200	6,730	7,240	7,750	8,250	8,750	9,250
	A	22.6	23.7	24.7	25.7	26.7	27.7	28.8	30.0	31.2
	M	288	354	427	509	600	701	813	938	1,075
	E	5.0	5.5	6.0	6.6	7.2	7.8	8.5	9.3	10.0
	%	56.9	58.8	60.4	61.8	62.8	63.6	64.1	64.3	64.1
70.0 (117)	C	28,400	34,200	40,800	48,100	56,300	65,400	75,500	86,600	98,800
	P	5,020	5,520	5,990	6,440	6,880	7,310	7,720	8,130	8,540
	A	22.7	23.6	24.4	25.2	26.0	26.8	27.6	28.5	29.4
	M	312	379	452	534	625	726	839	964	1,105
	E	5.7	6.2	6.8	7.5	8.2	9.0	9.8	10.7	11.6
	%	58.0	59.6	61.0	62.1	62.9	63.5	63.7	63.7	63.2

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 @ 230 V