

### 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

### 4DL3F63KE-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)

		-40.0 (1)	-35.0 (3)	-30.0 (5)	-25.0 (7)	-20.0 (10)	-15.0 (13)	-10.0 (17)	-5.0 (20)	0.0 (24)
130.0 (297)	C	17,100	23,200	29,800	37,100	45,200	54,000	64,000	74,500	86,500
	P	8,000	9,150	10,200	11,300	12,400	13,500	14,500	15,500	16,600
	A	15.6	16.8	17.9	19.1	20.3	21.5	22.8	24.0	25.3
	M	256	348	448	560	680	815	965	1,130	1,320
	E	2.1	2.5	2.9	3.3	3.6	4.0	4.4	4.8	5.2
	%	40.9	46.0	50.0	53.2	56.0	58.3	60.3	62.0	63.4
120.0 (260)	C	22,000	28,600	35,700	43,500	52,000	61,500	71,500	83,000	95,000
	P	8,300	9,300	10,300	11,200	12,200	13,100	14,000	14,900	15,800
	A	15.9	16.9	17.9	18.9	20.0	21.0	22.1	23.2	24.3
	M	314	408	510	620	745	880	1,030	1,200	1,380
	E	2.6	3.1	3.5	3.9	4.3	4.7	5.1	5.6	6.0
	%	45.9	50.3	53.7	56.5	58.9	60.9	62.6	64.0	65.1
110.0 (226)	C	26,800	33,700	41,300	49,400	58,500	68,000	79,000	90,500	103,000
	P	8,350	9,200	10,100	10,900	11,700	12,500	13,300	14,100	14,800
	A	15.9	16.7	17.6	18.5	19.4	20.3	21.3	22.2	23.1
	M	365	460	565	675	800	935	1,080	1,250	1,430
	E	3.2	3.7	4.1	4.5	5.0	5.4	5.9	6.4	7.0
	%	50.4	54.1	57.2	59.6	61.7	63.4	64.7	65.8	66.6
105.0 (211)	C	29,100	36,200	43,900	52,500	61,500	71,500	82,000	94,000	107,000
	P	8,250	9,100	9,900	10,700	11,400	12,200	12,900	13,600	14,300
	A	15.8	16.6	17.4	18.3	19.1	20.0	20.8	21.7	22.5
	M	388	483	585	700	825	960	1,110	1,270	1,450
	E	3.5	4.0	4.4	4.9	5.4	5.9	6.4	6.9	7.5
	%	52.4	56.0	58.8	61.0	62.9	64.5	65.7	66.6	67.2
100.0 (196)	C	31,300	38,600	46,500	55,000	64,500	74,500	85,500	97,500	111,000
	P	8,150	8,950	9,700	10,400	11,100	11,800	12,500	13,100	13,800
	A	15.7	16.5	17.2	18.0	18.8	19.6	20.3	21.1	21.9
	M	409	505	610	720	845	980	1,130	1,290	1,470
	E	3.8	4.3	4.8	5.3	5.8	6.3	6.9	7.4	8.0
	%	54.4	57.7	60.3	62.4	64.1	65.4	66.5	67.2	67.6
90.0 (168)	C	35,700	43,300	51,500	60,500	70,000	80,500	92,000	104,000	118,000
	P	7,900	8,600	9,250	9,850	10,500	11,100	11,700	12,200	12,800
	A	15.5	16.1	16.8	17.5	18.1	18.8	19.4	20.1	20.7
	M	448	545	650	760	880	1,020	1,160	1,320	1,500
	E	4.5	5.0	5.6	6.1	6.7	7.3	7.9	8.5	9.2
	%	57.9	60.6	62.8	64.4	65.8	66.7	67.4	67.7	67.7
80.0 (144)	C	40,000	47,800	56,000	65,500	75,000	86,000	97,500	110,000	124,000
	P	7,650	8,250	8,800	9,400	9,900	10,400	10,900	11,400	11,900
	A	15.2	15.8	16.4	16.9	17.5	18.1	18.6	19.2	19.7
	M	483	580	680	790	915	1,050	1,190	1,350	1,520
	E	5.2	5.8	6.4	7.0	7.6	8.2	8.9	9.6	10.4
	%	60.3	62.4	64.1	65.3	66.1	66.7	66.9	66.8	66.3
70.0 (121)	C	44,100	52,000	61,000	70,000	80,000	91,000	103,000	116,000	130,000
	P	7,450	8,000	8,550	9,050	9,500	9,950	10,400	10,900	11,300
	A	15.0	15.5	16.0	16.5	17.0	17.5	17.9	18.4	18.8
	M	515	610	710	820	940	1,070	1,210	1,370	1,530
	E	5.9	6.5	7.1	7.7	8.4	9.1	9.9	10.7	11.5
	%	60.8	62.3	63.4	64.1	64.5	64.5	64.2	63.6	62.6

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