

### Rating Conditions

65 °F Return Gas  
 0 F Subcooling  
 95 °F Ambient Air Over

60 Hz Operation

### MEDIUM TEMPERATURE

### 2DL3R78KE-TFC

COPELAMETIC® HCFC-502  
 DISCUS® COMPRESSOR  
 TFC 208/230-3-60

Condensing Temperature °F  
 (Sat. Dew Pt. Pressure, psig) Evaporating Temperature °F (Sat. Dew Pt. Pressure, psig)

		-5.0 (26)	5.0 (35)	15.0 (46)	20.0 (52)	25.0 (58)	30.0 (64)	35.0 (72)	40.0 (79)	45.0 (87)
140.0 (362)	C	24,200	30,600	37,700	42,000	47,100	53,000	60,000	68,500	78,000
	P	5,350	5,950	6,550	6,850	7,200	7,600	8,000	8,450	9,000
	A	18.5	19.8	21.2	21.9	22.7	23.6	24.6	25.7	27.0
	M	625	795	995	1,110	1,250	1,420	1,630	1,870	2,160
	E	4.5	5.2	5.8	6.1	6.5	7.0	7.5	8.1	8.7
	%	72.5	73.9	73.7	73.6	73.7	73.9	74.3	74.8	75.1
130.0 (319)	C	26,800	34,200	42,400	47,300	53,000	59,500	67,000	76,000	86,000
	P	5,250	5,800	6,350	6,600	6,900	7,250	7,600	8,000	8,400
	A	18.2	19.4	20.6	21.3	21.9	22.7	23.5	24.5	25.5
	M	635	815	1,020	1,150	1,290	1,460	1,660	1,890	2,170
	E	5.1	5.9	6.7	7.1	7.6	8.2	8.8	9.5	10.2
	%	71.2	73.1	73.2	73.2	73.3	73.4	73.5	73.6	73.5
120.0 (281)	C	29,400	37,900	47,200	52,500	58,500	65,500	74,000	83,000	94,000
	P	5,050	5,600	6,050	6,300	6,550	6,850	7,100	7,450	7,800
	A	17.8	18.9	20.0	20.5	21.1	21.7	22.4	23.1	24.0
	M	645	840	1,050	1,180	1,330	1,490	1,690	1,920	2,190
	E	5.8	6.8	7.8	8.3	8.9	9.6	10.4	11.2	12.1
	%	70.6	72.7	73.0	73.0	73.0	73.0	72.9	72.6	72.1
110.0 (246)	C	32,200	41,700	52,000	58,000	64,500	72,000	81,000	90,500	102,000
	P	4,830	5,350	5,750	5,950	6,150	6,350	6,550	6,800	7,050
	A	17.4	18.4	19.3	19.7	20.2	20.6	21.1	21.7	22.4
	M	660	865	1,090	1,210	1,360	1,530	1,720	1,950	2,210
	E	6.7	7.8	9.0	9.7	10.5	11.3	12.3	13.3	14.4
	%	70.5	72.6	72.9	72.9	72.8	72.6	72.2	71.7	70.7
100.0 (214)	C	35,300	45,700	57,000	63,500	70,500	78,500	88,000	98,000	110,000
	P	4,590	5,050	5,400	5,550	5,700	5,850	6,000	6,150	6,300
	A	16.9	17.9	18.6	18.9	19.2	19.5	19.9	20.2	20.7
	M	680	890	1,120	1,250	1,400	1,570	1,760	1,980	2,240
	E	7.7	9.1	10.6	11.4	12.4	13.5	14.7	16.0	17.5
	%	70.9	72.6	72.7	72.6	72.4	72.0	71.4	70.5	69.0
90.0 (185)	C	38,600	50,000	62,000	69,000	76,500	85,500	95,000	106,000	118,000
	P	4,330	4,740	5,000	5,100	5,200	5,300	5,350	5,400	5,500
	A	16.4	17.3	17.8	18.0	18.2	18.4	18.5	18.7	18.9
	M	705	920	1,150	1,290	1,430	1,600	1,800	2,020	2,270
	E	8.9	10.5	12.4	13.5	14.7	16.2	17.7	19.5	21.5
	%	71.5	72.6	72.4	72.1	71.7	71.1	70.2	68.8	66.8
80.0 (159)	C	42,200	54,500	67,500	75,000	83,000	92,000	102,000	114,000	127,000
	P	4,060	4,420	4,610	4,660	4,680	4,690	4,680	4,670	4,660
	A	15.8	16.6	17.0	17.1	17.1	17.1	17.1	17.1	17.1
	M	735	950	1,190	1,320	1,470	1,640	1,830	2,050	2,300
	E	10.4	12.3	14.7	16.1	17.7	19.6	21.8	24.3	27.2
	%	72.1	72.3	71.6	71.1	70.4	69.5	68.1	66.1	63.3
70.0 (136)	C	46,300	59,500	73,500	81,000	89,500	99,000	110,000	122,000	135,000
	P	3,780	4,090	4,200	4,190	4,150	4,080	4,000	3,900	3,790
	A	15.2	15.9	16.1	16.1	16.0	15.9	15.7	15.5	15.3
	M	765	990	1,230	1,370	1,520	1,680	1,870	2,090	2,330
	E	12.2	14.5	17.5	19.4	21.6	24.3	27.5	31.2	35.7
	%	72.3	71.4	70.0	69.1	68.0	66.6	64.6	61.7	57.5

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