

### Rating Conditions

18.3 °C Return Gas  
 0 K Subcooling  
 35 °C Ambient Air Over  
 50 Hz Operation

### LOW TEMPERATURE

HFCs Require Use of Polyol Ester  
 Lubricant Approved on Form 93-11

### 4DHNF63KE-FSD

COPELAMETIC® HFC-507  
 DISCUS® COMPRESSOR  
 FSD 380/420-3-50

Condensing Temperature °C  
 (Sat. Dew Pt. Pressure, bar)      Evaporating Temperature °C (Sat. Dew Pt. Pressure, bar)

		-40.0 (1.4)	-35.0 (1.7)	-30.0 (2.1)	-25.0 (2.6)	-20.0 (3.1)	-18.0 (3.4)
54.0 (25.8)	C	6,750	9,750	12,950	16,400	20,500	22,400
	P	7,350	9,350	11,200	12,900	14,400	15,100
	A	16.8	19.3	21.7	24.1	26.5	27.5
	M	65	95	126	162	204	223
	E	0.9	1.0	1.2	1.3	1.4	1.5
	%	68.0	70.6	71.2	71.4	71.6	71.8
50.0 (23.6)	C	7,450	10,650	14,000	17,800	22,100	24,100
	P	7,550	9,400	11,000	12,500	14,000	14,500
	A	17.1	19.4	21.5	23.7	25.8	26.7
	M	67	96	127	163	205	224
	E	1.0	1.1	1.3	1.4	1.6	1.7
	%	65.9	69.0	70.2	70.8	71.3	71.5
40.0 (18.7)	C	9,700	13,300	17,200	21,600	26,800	29,100
	P	7,800	9,200	10,500	11,600	12,800	13,200
	A	17.3	19.0	20.7	22.3	24.0	24.6
	M	75.5	104	135	171	213	232
	E	1.2	1.5	1.7	1.9	2.1	2.2
	%	65.9	69.0	70.6	71.5	71.8	71.8
30.0 (14.6)	C	12,450	16,500	21,000	26,100	32,000	34,500
	P	7,600	8,750	9,750	10,700	11,700	12,100
	A	17.0	18.4	19.7	21.0	22.3	22.8
	M	86	114.5	146	183	226	246
	E	1.6	1.9	2.2	2.4	2.8	2.9
	%	69.2	71.3	72.2	72.2	71.4	70.9
20.0 (11.2)	C	15,500	20,000	25,100	31,000	37,500	41,000
	P	7,150	8,150	9,050	9,900	10,800	11,200
	A	16.6	17.9	19.1	20.2	21.3	21.8
	M	97	126	158	196	240	260
	E	2.2	2.5	2.8	3.1	3.5	3.6
	%	73.2	73.3	72.3	70.5	67.6	66.1
10.0 (8.5)	C	18,600	23,700	29,400	36,000	43,500	47,000
	P	6,500	7,500	8,400	9,300	10,300	10,700
	A	16.7	18.0	19.3	20.4	21.6	22.0
	M	107	136	170	208	254	275
	E	2.9	3.2	3.5	3.9	4.3	4.4
	%	76.2	72.8	68.9	64.1	58.2	55.5
5.0 (7.3)	C	20,200	25,500	31,500	38,500	46,500	50,000
	P	6,150	7,150	8,100	9,100	10,100	10,600
	A	17.0	18.5	19.8	21.1	22.3	22.8
	M	111	141	175	214	261	281
	E	3.3	3.6	3.9	4.2	4.6	4.7
	%	76.7	71.1	65.2	58.6	51.1	47.8

C: Capacity (W), P: Power (W), A: Current (Amps), M: Mass Flow (gm/s), E: COP, %: Isentropic Efficiency (%)

Nominal Performance Values (±5%) based on 72 hours run-in. Subject to change without notice. Current @ 400 V