

### 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

### 6DRNF11ME-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	10,600	15,800	21,400	27,600	34,500	37,500
	P	12,600	16,100	19,500	22,700	25,900	27,200
	A	28.3	33.0	37.8	42.7	47.6	49.6
	M	102.5	154	209	271	343	374
	E	0.8	1.0	1.1	1.2	1.3	1.4
	%	62.7	66.6	67.7	67.7	67.2	66.9
50.0 (23.6)	C	12,350	17,700	23,500	30,000	37,500	41,000
	P	13,000	16,300	19,400	22,400	25,300	26,500
	A	28.9	33.2	37.6	42.1	46.7	48.5
	M	111	160	214	276	348	380
	E	1.0	1.1	1.2	1.4	1.5	1.6
	%	63.5	66.2	67.1	67.2	66.8	66.5
40.0 (18.7)	C	16,500	22,300	28,900	36,500	46,000	50,000
	P	13,400	16,000	18,500	21,000	23,400	24,400
	A	29.5	32.8	36.4	40.0	43.8	45.3
	M	129	174	227	290	365	398
	E	1.2	1.4	1.6	1.8	2.0	2.0
	%	65.2	66.5	67.1	67.3	66.8	66.5
30.0 (14.6)	C	20,300	26,500	34,000	43,000	54,000	59,000
	P	13,100	15,100	17,100	19,100	21,200	22,100
	A	29.1	31.6	34.4	37.3	40.4	41.7
	M	140	184	238	303	381	417
	E	1.6	1.8	2.0	2.3	2.6	2.7
	%	65.6	66.5	67.1	67.1	66.3	65.7
20.0 (11.2)	C	23,200	30,000	38,500	49,000	62,000	67,500
	P	12,400	13,900	15,500	17,200	19,000	19,800
	A	28.4	30.3	32.4	34.8	37.3	38.4
	M	145	189	244	312	394	432
	E	1.9	2.2	2.5	2.9	3.3	3.4
	%	63.2	64.4	65.1	64.8	63.1	62.0
10.0 (8.5)	C	24,700	32,500	42,000	54,500	69,000	75,500
	P	11,600	12,800	14,100	15,500	17,200	17,900
	A	28.2	29.6	31.2	33.1	35.2	36.2
	M	142	186	244	315	402	441
	E	2.1	2.5	3.0	3.5	4.0	4.2
	%	56.5	58.2	58.9	58.0	55.0	53.3
5.0 (7.3)	C	24,900	33,000	43,500	56,500	72,000	79,000
	P	11,300	12,400	13,600	14,900	16,500	17,200
	A	28.5	29.6	31.1	32.8	34.8	35.6
	M	137	182	241	314	403	444
	E	2.2	2.7	3.2	3.8	4.4	4.6
	%	51.1	53.1	53.8	52.4	48.6	46.4

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