

### Rating Conditions

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

### MEDIUM TEMPERATURE

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

### 4DRNR28ME-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)

		-20.0 (3.1)	-15.0 (3.8)	-10.0 (4.5)	-5.0 (5.3)	0.0 (6.2)	5.0 (7.3)	7.0 (7.7)
60.0 (29.5)	C	20,400	25,200	31,000	38,000	45,500	55,000	59,000
	P	17,100	19,400	21,700	23,900	26,000	27,900	28,700
	A	34.5	37.4	40.6	43.9	47.1	50.0	51.1
	M	230	288	360	447	552	680	740
	E	1.2	1.3	1.4	1.6	1.8	2.0	2.1
	%	72.6	71.9	71.5	71.2	70.9	70.3	70.1
50.0 (23.6)	C	25,900	32,500	40,000	49,000	59,000	71,000	76,000
	P	16,300	18,200	20,200	22,000	23,700	25,200	25,700
	A	33.4	35.9	38.6	41.2	43.7	45.9	46.6
	M	239	302	377	468	575	705	760
	E	1.6	1.8	2.0	2.2	2.5	2.8	3.0
	%	71.4	71.4	71.2	70.7	69.8	68.4	67.7
40.0 (18.7)	C	31,500	39,500	49,000	60,000	72,500	86,500	92,500
	P	15,300	16,900	18,400	19,800	21,100	22,000	22,300
	A	32.0	34.0	36.1	38.2	39.9	41.3	41.7
	M	251	317	397	492	603	735	790
	E	2.1	2.3	2.7	3.0	3.4	3.9	4.2
	%	70.6	70.8	70.5	69.6	68.0	65.6	64.4
30.0 (14.6)	C	37,500	47,000	58,500	71,000	86,000	102,500	109,500
	P	14,000	15,200	16,400	17,300	18,100	18,500	18,600
	A	30.4	31.9	33.4	34.8	35.8	36.4	36.5
	M	265	335	418	516	630	765	820
	E	2.7	3.1	3.6	4.1	4.8	5.5	5.9
	%	69.9	69.9	69.0	67.2	64.4	60.3	58.2
20.0 (11.2)	C	44,500	55,500	68,500	83,000	100,000	119,000	
	P	12,400	13,300	14,000	14,400	14,600	14,500	
	A	28.6	29.5	30.5	31.2	31.5	31.2	
	M	282	355	441	542	660	795	
	E	3.6	4.2	4.9	5.8	6.8	8.2	
	%	69.0	68.2	66.1	62.6	57.3	49.8	
10.0 (8.5)	C	52,000	64,500	79,000	96,000	114,500		
	P	10,600	11,000	11,200	11,100	10,700		
	A	26.7	27.1	27.4	27.4	27.0		
	M	303	379	467	571	690		
	E	4.9	5.9	7.1	8.6	10.7		
	%	67.6	64.9	60.3	53.1	42.4		

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