

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

6DT3F11ME-FSD

COPELAMETIC® HFC-404A
DISCUS® COMPRESSOR
FSD 380/420-3-50

Evaporating Temperature C (Sat Dew Pt Pressure, bar)

		-40(1.3)	-35(1.7)	-30(2)	-25(2.5)	-20(3)	-18(3.3)
54 (25)	C	10300	15400	20800	26800	33500	36500
	P	12300	15800	19100	22300	25400	26600
	A	27.7	32.3	37.1	41.8	46.7	48.6
	M	98.5	145	196	255	322	352
	E	0.8	1	1.1	1.2	1.3	1.4
	%	62.7	65.5	66.3	66.3	65.9	65.6
	C	11950	17100	22800	29300	36500	40000
	P	12800	15900	19000	21900	24800	26000
	A	28.4	32.6	36.9	41.3	45.8	47.6
	M	105.5	151	202	261	329	359
50 (23)	E	0.9	1.1	1.2	1.3	1.5	1.5
	%	62.9	65.2	66.1	66.2	65.8	65.5
	C	16100	21600	28100	35500	44500	48500
	P	13200	15700	18100	20600	23000	24000
	A	28.9	32.2	35.6	39.2	42.9	44.4
	M	121.5	165	216	275	346	377
	E	1.2	1.4	1.6	1.7	1.9	2
	%	64.1	65.7	66.4	66.6	66.1	65.7
	C	19700	25800	33000	42000	52500	57000
	P	12800	14800	16800	18700	20800	21600
40 (18)	A	28.5	31	33.7	36.6	39.6	40.9
	M	133	175	226	288	362	395
	E	1.5	1.7	2	2.2	2.5	2.6
	%	64.8	66	66.6	66.5	65.6	65
	C	22500	29200	37500	48000	60000	65500
	P	12100	13600	15200	16900	18600	19400
	A	27.8	29.7	31.8	34.1	36.6	37.7
	M	138	180	233	297	375	410
	E	1.9	2.1	2.5	2.8	3.2	3.4
	%	62.9	64.2	64.8	64.3	62.6	61.5
30 (14)	C	24000	31500	41000	53000	67000	73500
	P	11400	12500	13800	15200	16800	17500
	A	27.6	29	30.6	32.4	34.6	35.5
	M	135	178	233	300	383	421
	E	2.1	2.5	3	3.5	4	4.2
	%	56.4	58.1	58.7	57.7	54.8	53.1
	C	24200	32000	42000	55000	70000	77000
	P	11100	12100	13300	14700	16200	16900
	A	27.9	29	30.5	32.1	34.1	34.9
	M	130	174	229	299	385	424
20 (11)	E	2.2	2.6	3.2	3.7	4.3	4.5
	%	50.8	52.8	53.5	52.1	48.5	46.3
	C	24200	32000	42000	55000	70000	77000
	P	11100	12100	13300	14700	16200	16900
	A	27.9	29	30.5	32.1	34.1	34.9
	M	130	174	229	299	385	424
	E	2.2	2.6	3.2	3.7	4.3	4.5
	%	50.8	52.8	53.5	52.1	48.5	46.3
	C	24200	32000	42000	55000	70000	77000
	P	11100	12100	13300	14700	16200	16900
10 (8)	A	27.9	29	30.5	32.1	34.1	34.9
	M	130	174	229	299	385	424
	E	2.2	2.6	3.2	3.7	4.3	4.5
	%	50.8	52.8	53.5	52.1	48.5	46.3
	C	24200	32000	42000	55000	70000	77000
	P	11100	12100	13300	14700	16200	16900
	A	27.9	29	30.5	32.1	34.1	34.9
	M	130	174	229	299	385	424
	E	2.2	2.6	3.2	3.7	4.3	4.5
	%	50.8	52.8	53.5	52.1	48.5	46.3
5 (7)	C	24200	32000	42000	55000	70000	77000
	P	11100	12100	13300	14700	16200	16900
	A	27.9	29	30.5	32.1	34.1	34.9
	M	130	174	229	299	385	424
	E	2.2	2.6	3.2	3.7	4.3	4.5
	%	50.8	52.8	53.5	52.1	48.5	46.3
	C	24200	32000	42000	55000	70000	77000
	P	11100	12100	13300	14700	16200	16900
	A	27.9	29	30.5	32.1	34.1	34.9
	M	130	174	229	299	385	424

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

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