

RATING CONDITIONS

18.3 C Return Gas
 0 K Subcooling
 35 C Ambient Air Over

50 Hz Operation

HIGH TEMPERATURE

6RJ1-4000-FSD

COPELAMETIC® HCFC-22
 COMPRESSOR
 FSD 380/420-3-50

Evaporating Temperature C (Sat Dew Pt Pressure, bar)

		-15(3)	-10(3.5)	-5(4.2)	0(5)	5(5.8)	10(6.8)	12(7.2)
Condensing Temperature C (Sat Dew Pt Pressure, bar)	60 (24) C	29300	37000	47000	58500	73000	90000	97500
	P	19400	23800	27900	31700	35300	38700	40000
	A	48.3	53.7	58.8	63.6	68.1	72.6	74.4
	M	202	258	328	416	523	655	710
	E	1.5	1.6	1.7	1.9	2.1	2.3	2.4
	%	66.3	61.5	59.3	58.1	57.3	56.3	55.8
	55 (22) C	31500	40500	51500	64500	80000	98500	106500
	P	20100	24000	27700	31200	34400	37500	38700
	A	48	52.9	57.6	61.9	66.1	70.3	71.9
	M	208	268	342	433	544	675	735
E	1.6	1.7	1.9	2.1	2.3	2.6	2.8	
%	62.2	59.3	57.9	57	56.1	54.9	54.1	
50 (19) C	34000	44000	56000	70000	87000	106500	115000	
P	20400	24000	27300	30400	33300	36000	37100	
A	47.3	51.8	56.1	60	63.9	67.7	69.2	
M	215	278	355	449	563	700	760	
E	1.7	1.8	2	2.3	2.6	3	3.1	
%	59.2	57.6	56.6	55.8	54.7	52.9	52	
45 (17) C	37000	47500	60500	75500	93500	114500	123500	
P	20400	23600	26500	29300	31900	34300	35300	
A	46.3	50.4	54.2	57.9	61.4	64.9	66.3	
M	222	288	368	465	580	720	780	
E	1.8	2	2.3	2.6	2.9	3.3	3.5	
%	57.1	56.2	55.4	54.4	52.9	50.5	49.2	
40 (15) C	39500	51500	65000	81000	100000	122000	131500	
P	20100	22900	25500	28000	30300	32500	33300	
A	45	48.7	52.2	55.5	58.6	61.8	63.1	
M	230	299	381	479	597	735	800	
E	2	2.2	2.5	2.9	3.3	3.8	4	
%	55.7	55.1	54.2	52.8	50.7	47.5	45.8	
35 (14) C	43000	55000	69500	86500	106500	129500	139500	
P	19400	21900	24200	26400	28400	30400	31100	
A	43.3	46.7	49.8	52.8	55.7	58.6	59.8	
M	239	309	393	493	612	750	815	
E	2.2	2.5	2.9	3.3	3.8	4.3	4.5	
%	55	54.2	53	51	48	43.7	41.5	
30 (12) C	46000	59000	74500	92000	113000	137000	147500	
P	18500	20600	22600	24500	26300	28000	28700	
A	41.3	44.3	47.2	49.9	52.5	55.3	56.4	
M	249	320	405	506	625	765	830	
E	2.5	2.9	3.3	3.8	4.3	4.9	5.1	
%	54.7	53.5	51.6	48.7	44.6	38.9	36.3	
25 (10) C	49500	63000	79000	97500	119000	144000	154500	
P	17200	19000	20800	22400	24000	25500	26200	
A	39	41.7	44.3	46.7	49.2	51.7	52.8	
M	259	331	416	518	635	780	840	
E	2.9	3.3	3.8	4.3	5	5.6	5.9	
%	55	53.1	50.1	45.9	40.3	33	29.5	

Nominal Performance Values (±5%) based on 72 hours run-in. Subject to change without notice. Current @ 380 V

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