

**RATING CONDITIONS**

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

50 Hz Operation

# HIGH TEMPERATURE

**6RP2-3500-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)	
60 (24)	C	38500	44500	52500	63500	76500	91500	98500	
	P	19500	22700	25600	28300	30700	33000	33900	
	A	20.3	23.9	28.3	34.3	42.8	54.5	60.2	
	M	264	307	368	448	546	665	715	
	E	2	2	2	2.2	2.5	2.8	2.9	
	%	86	76.7	72.3	70.1	68.7	67.2	66.4	
	55 (22)	C	40000	47500	57500	70000	84500	101500	109000
		P	19500	22400	24900	27200	29300	31300	32000
		A	20.7	23.9	27.8	33.4	41.4	52.6	58.2
		M	264	315	383	469	575	700	755
E		2.1	2.1	2.3	2.6	2.9	3.3	3.4	
%		81.3	75	72.2	70.8	69.6	68	67	
50 (19)		C	42000	50500	62000	76000	92500	111000	119500
		P	19300	21800	24000	26000	27800	29400	30000
		A	20.8	23.5	27.1	32.3	39.9	50.8	56.2
		M	264	321	395	487	598	730	785
	E	2.2	2.3	2.6	2.9	3.3	3.8	4	
	%	77.1	73.2	71.6	70.7	69.6	67.7	66.5	
	45 (17)	C	44000	54000	66500	81500	99500	120000	129000
		P	18900	21000	22900	24600	26100	27500	28000
		A	20.6	23	26.2	31	38.3	48.9	54.2
		M	264	326	405	502	618	755	815
E		2.3	2.6	2.9	3.3	3.8	4.4	4.6	
%		73.4	71.2	70.5	70	68.7	66.2	64.8	
40 (15)		C	45500	56500	70500	87000	106500	128500	138000
		P	18300	20100	21700	23100	24400	25500	25900
		A	20.2	22.3	25.2	29.7	36.7	47	52.3
		M	264	330	413	515	635	775	835
	E	2.5	2.8	3.3	3.8	4.4	5	5.3	
	%	70.3	69.3	69.1	68.6	66.9	63.6	61.7	
	35 (14)	C	47500	59500	74500	92500	113000	136000	146000
		P	17400	19000	20400	21500	22500	23300	23700
		A	19.7	21.5	24.1	28.4	35.2	45.3	50.4
		M	265	334	421	525	650	790	850
E		2.7	3.1	3.7	4.3	5	5.8	6.2	
%		67.7	67.5	67.4	66.6	64.2	59.7	57.1	
30 (12)		C	49500	62500	78500	97000	119000	143500	154000
		P	16400	17700	18800	19700	20500	21100	21400
		A	19	20.6	23	27.1	33.7	43.6	48.7
		M	266	338	427	533	660	800	865
	E	3	3.5	4.2	4.9	5.8	6.8	7.2	
	%	65.8	65.8	65.5	63.9	60.3	54.1	50.8	
	25 (10)	C	51500	65500	82000	102000	124500	150000	161500
		P	15200	16300	17100	17800	18400	18800	19000
		A	18.2	19.6	21.9	25.9	32.4	42.2	47.2
		M	269	343	433	541	665	810	875
E		3.4	4	4.8	5.7	6.8	8	8.5	
%		64.6	64.3	63.2	60.4	55	46.6	42.3	

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(%)**