

RATING CONDITIONS

11.1 K Superheat
 8.3 K Subcooling
 35 C Ambient Air Over

50 Hz Operation

AIR CONDITIONING

CR36K6-PFZ

COPELAWELD® HCFC-22
 COMPRESSOR
 PFZ 220/240-1-50

Evaporating Temperature C (Sat Dew Pt Pressure, bar)

		-23(2.2)	-20(2.4)	-15(3)	-10(3.5)	-5(4.2)	0(5)	5(5.8)	7(6.2)	10(6.8)	12.5(7.3)
Condensing Temperature C (Sat Dew Pt Pressure, bar)	65 (27) C						4950	6400	7050	8000	8850
	P						2610	2920	3030	3180	3290
	A						13.1	14.5	15	15.6	16.1
	M						35.2	44.8	48.9	55.2	60.8
	E						1.9	2.2	2.3	2.5	2.7
	%						61.9	63.3	63.7	64	64.2
	60 (24) C					4150	5550	7050	7750	8750	9650
	P					2230	2540	2800	2890	3010	3090
	A					11.6	12.8	14	14.4	14.9	15.3
	M					28.4	37.4	47.1	51.2	57.6	63
E					1.9	2.2	2.5	2.7	2.9	3.1	
%					60.4	62.9	64.2	64.5	64.8	65	
55 (22) C				3350	4700	6150	7750	8450	9550	10500	
P				1900	2200	2460	2670	2740	2830	2890	
A				10.2	11.4	12.5	13.4	13.7	14.1	14.4	
M				22.3	30.6	39.5	49.3	53.4	59.9	65.5	
E				1.8	2.1	2.5	2.9	3.1	3.4	3.6	
%				57.8	61.6	63.7	64.9	65.2	65.4	65.4	
50 (19) C				3850	5200	6750	8400	9150	10300	11350	
P				1900	2150	2360	2520	2570	2630	2670	
A				10.2	11.2	12.1	12.8	13	13.3	13.4	
M				24.4	32.7	41.6	51.4	55.6	62.2	68	
E				2	2.4	2.9	3.4	3.6	3.9	4.3	
%				59.3	62.5	64.3	65.3	65.5	65.5	65.4	
45 (17) C			3050	4350	5750	7350	9100	9900	11100	12200	
P			1620	1870	2070	2240	2360	2390	2430	2440	
A			9.2	10.1	10.9	11.6	12.1	12.3	12.4	12.5	
M			19	26.4	34.6	43.6	53.5	57.7	64.5	70.5	
E			1.9	2.3	2.8	3.3	3.9	4.1	4.6	5	
%			55.7	60.3	63	64.5	65.2	65.2	65.1	64.7	
40 (15) C			3500	4850	6300	7950	9800	10600	11900	13000	
P			1620	1820	1980	2110	2190	2200	2220	2210	
A			9.2	9.9	10.6	11.1	11.5	11.5	11.6	11.6	
M			20.9	28.3	36.4	45.4	55.4	59.7	66.5	72.5	
E			2.2	2.6	3.2	3.8	4.5	4.8	5.4	5.9	
%			57.1	60.8	63	64.2	64.4	64.3	63.8	63	
35 (14) C		2770	3950	5300	6800	8550	10500	11300	12650	13850	
P		1390	1590	1750	1880	1960	2010	2010	2000	1980	
A		8.5	9.1	9.7	10.2	10.6	10.8	10.8	10.7	10.6	
M		16	22.6	29.9	38.1	47.1	57.2	61.5	68.5	74.5	
E		2	2.5	3	3.6	4.3	5.2	5.6	6.3	7	
%		52.8	57.7	60.8	62.5	63.1	62.8	62.3	61.3	60	
30 (12) C	2510	3150	4350	5750	7300	9100	11150	12000	13450	14700	
P	1270	1380	1540	1670	1760	1810	1820	1810	1780	1740	
A	8.1	8.4	8.9	9.4	9.8	10	10	10	9.9	9.7	
M	14.1	17.7	24.1	31.4	39.5	48.6	58.8	63	70	76.5	
E	2	2.3	2.8	3.4	4.2	5	6.1	6.6	7.5	8.4	
%	50.3	53.8	57.7	60	61.1	61.2	59.9	59	57.1	54.9	

Nominal Performance Values (±5%) based on 72 hours run-in. Subject to change without notice. Current @ 220 V

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