

RATING CONDITIONS

20° F Superheat
 15° F Sub Cooling
 95° F Ambient Air Over
 50 Hz Operation

**AIR
 CONDITIONING**

CR24K6 1 PHASE
COPELAWELD® HCFC-22
COMPRESSOR
 220/240-1-50 -PFZ

Condensing Temperature °F (°C)		CAPACITY (BTU/HR)								
		-10 (-23.3)	0 (-17.8)	10 (-12.2)	20 (-6.7)	30 (-1.1)	40 (4.4)	45 (7.2)	50 (10.0)	55 (12.8)
80 (26.7)		4830	8380	12400	17000	22200	28200	31600	35100	38900
90 (32.2)		3780	7150	11000	15400	20400	26200	29400	32800	36500
100 (37.8)		2790	5960	9570	13700	18500	24000	27100	30400	33900
110 (43.3)		.	4850	8210	12100	16600	21900	24800	27900	31300
120 (48.9)		.	.	6950	10500	14800	19700	22400	25400	28600
130 (54.4)		.	.	5810	9090	13000	17500	20100	22900	26000
140 (60.0)		.	.	.	7770	11300	15500	17900	20500	23300
150 (65.6)		.	.	.	6620	9750	13500	15700	18100	20700

Condensing Temperature °F (°C)		EER (BTU/WATT-HR)								
		-10 (-23.3)	0 (-17.8)	10 (-12.2)	20 (-6.7)	30 (-1.1)	40 (4.4)	45 (7.2)	50 (10.0)	55 (12.8)
80 (26.7)		6.1	8.8	11.6	14.8	18.7	24.2	27.7	32.1	37.7
90 (32.2)		4.8	7.4	9.9	12.5	15.7	19.8	22.3	25.3	28.9
100 (37.8)		3.6	6.2	8.4	10.7	13.3	16.4	18.3	20.5	23.0
110 (43.3)		.	5.1	7.1	9.1	11.3	13.8	15.3	16.9	18.8
120 (48.9)		.	.	6.0	7.8	9.6	11.7	12.9	14.1	15.6
130 (54.4)		.	.	5.1	6.6	8.2	9.9	10.8	11.9	13.0
140 (60.0)		.	.	.	5.6	6.9	8.4	9.1	10.0	10.9
150 (65.6)		.	.	.	4.8	5.9	7.1	7.7	8.4	9.1

Condensing Temperature °F (°C)		POWER (WATTS)								
		-10 (-23.3)	0 (-17.8)	10 (-12.2)	20 (-6.7)	30 (-1.1)	40 (4.4)	45 (7.2)	50 (10.0)	55 (12.8)
80 (26.7)		800	950	1070	1150	1190	1170	1140	1090	1030
90 (32.2)		790	960	1110	1230	1300	1330	1320	1300	1260
100 (37.8)		770	960	1140	1280	1390	1460	1480	1480	1470
110 (43.3)		.	950	1150	1330	1470	1580	1620	1650	1660
120 (48.9)		.	.	1150	1350	1540	1690	1750	1800	1840
130 (54.4)		.	.	1140	1370	1590	1780	1860	1930	1990
140 (60.0)		.	.	.	1380	1630	1850	1960	2050	2140
150 (65.6)		.	.	.	1380	1660	1920	2040	2160	2270

Condensing Temperature °F (°C)		CURRENT (AMPS) @ 220 Volts								
		-10 (-23.3)	0 (-17.8)	10 (-12.2)	20 (-6.7)	30 (-1.1)	40 (4.4)	45 (7.2)	50 (10.0)	55 (12.8)
80 (26.7)		3.8	4.5	5.0	5.4	5.6	5.5	5.4	5.2	4.9
90 (32.2)		3.8	4.6	5.2	5.8	6.1	6.2	6.2	6.1	6.0
100 (37.8)		3.7	4.6	5.4	6.0	6.5	6.8	6.9	7.0	6.9
110 (43.3)		.	4.5	5.4	6.2	6.9	7.4	7.6	7.7	7.8
120 (48.9)		.	.	5.4	6.3	7.2	7.8	8.1	8.4	8.6
130 (54.4)		.	.	5.4	6.4	7.4	8.3	8.6	9.0	9.3
140 (60.0)		.	.	.	6.5	7.6	8.6	9.1	9.5	9.9
150 (65.6)		.	.	.	6.5	7.7	8.9	9.5	10.0	10.5

Condensing Temperature °F (°C)		MASS FLOW (LBS/HR)								
		-10 (-23.3)	0 (-17.8)	10 (-12.2)	20 (-6.7)	30 (-1.1)	40 (4.4)	45 (7.2)	50 (10.0)	55 (12.8)
80 (26.7)		62	106	155	209	271	340	378	418	461
90 (32.2)		50	94	142	196	257	327	365	406	449
100 (37.8)		39	82	129	182	243	312	350	391	434
110 (43.3)		.	70	116	168	227	295	333	373	416
120 (48.9)		.	.	103	153	211	278	315	355	397
130 (54.4)		.	.	90	139	195	260	296	335	377
140 (60.0)		.	.	.	125	178	241	276	314	355
150 (65.6)		.	.	.	112	163	223	257	293	333

Nominal Performance Values (±5%) based on minimum 24 hours run-in. Subject to change without notice.