

**RATING CONDITIONS**

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

**AIR  
 CONDITIONING**

**CR28K6 1 PHASE**  
**COPELAWELD® HCFC-22**  
**COMPRESSOR**  
 220/240-1-50 -PFZ

Condensing Temperature °F (°C)	CAPACITY (BTU/HR)					Evaporating Temperature				
	-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)	6840	10300	14500	19400	25200	31900	35500	39400	43400	
90 (32.2)	5790	9050	13100	17800	23300	29700	33100	36800	40700	
100 (37.8)	4680	7780	11600	16100	21400	27400	30700	34200	37900	
110 (43.3)	.	6480	10100	14400	19300	25000	28200	31500	35000	
120 (48.9)	.	.	8580	12600	17300	22700	25600	28800	32100	
130 (54.4)	.	.	7160	10900	15300	20400	23200	26100	29200	
140 (60.0)	.	.	.	9340	13400	18200	20800	23500	26400	
150 (65.6)	.	.	.	7890	11700	16100	18500	21000	23800	

Condensing Temperature °F (°C)	EER (BTU/WATT-HR)					Evaporating Temperature				
	-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)	7.1	9.2	11.7	14.8	18.6	23.7	27.0	31.0	36.0	
90 (32.2)	6.0	7.9	10.1	12.6	15.6	19.5	21.9	24.7	28.0	
100 (37.8)	5.0	6.8	8.7	10.8	13.3	16.3	18.1	20.1	22.5	
110 (43.3)	.	5.8	7.5	9.3	11.3	13.7	15.1	16.7	18.5	
120 (48.9)	.	.	6.4	7.9	9.7	11.6	12.7	13.9	15.3	
130 (54.4)	.	.	5.4	6.8	8.3	9.9	10.8	11.7	12.8	
140 (60.0)	.	.	.	5.8	7.1	8.4	9.1	9.9	10.8	
150 (65.6)	.	.	.	5.0	6.0	7.2	7.8	8.4	9.1	

Condensing Temperature °F (°C)	POWER (WATTS)					Evaporating Temperature				
	-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)	970	1110	1230	1320	1360	1340	1320	1270	1210	
90 (32.2)	960	1140	1290	1410	1490	1520	1510	1490	1450	
100 (37.8)	940	1140	1330	1490	1610	1680	1700	1700	1680	
110 (43.3)	.	1130	1350	1550	1710	1830	1860	1890	1900	
120 (48.9)	.	.	1350	1590	1790	1950	2020	2060	2100	
130 (54.4)	.	.	1330	1610	1860	2070	2150	2230	2280	
140 (60.0)	.	.	.	1610	1900	2160	2270	2370	2460	
150 (65.6)	.	.	.	1590	1940	2240	2380	2510	2620	

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)	5.3	5.9	6.4	6.7	6.9	6.8	6.7	6.5	6.3	
90 (32.2)	5.2	6.0	6.6	7.1	7.4	7.5	7.5	7.4	7.3	
100 (37.8)	5.1	6.0	6.8	7.4	7.9	8.2	8.3	8.3	8.3	
110 (43.3)	.	5.9	6.9	7.7	8.4	8.9	9.1	9.2	9.2	
120 (48.9)	.	.	6.9	7.9	8.8	9.5	9.8	10.0	10.2	
130 (54.4)	.	.	6.8	8.0	9.1	10.0	10.4	10.7	11.0	
140 (60.0)	.	.	.	8.0	9.3	10.4	10.9	11.4	11.8	
150 (65.6)	.	.	.	7.9	9.4	10.7	11.4	12.0	12.5	

Condensing Temperature °F (°C)	MASS FLOW (LBS/HR)					Evaporating Temperature				
	-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)	88	130	181	240	308	384	425	469	514	
90 (32.2)	77	119	169	228	295	371	412	455	500	
100 (37.8)	65	107	156	214	281	355	396	438	483	
110 (43.3)	.	93	142	199	265	338	378	420	465	
120 (48.9)	.	.	127	183	248	320	360	401	445	
130 (54.4)	.	.	111	167	230	302	340	381	424	
140 (60.0)	.	.	.	150	212	283	321	361	403	
150 (65.6)	.	.	.	134	195	264	301	340	382	

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