

### Rating Conditions

20 °F Superheat  
 15 F Subcooling  
 95 °F Ambient Air Over

60 Hz Operation

### AIR CONDITIONING

### CR38K6E-PFV

COPELAWELD® HFC-407C - Dew Pt.  
**COMPRESSOR**  
 PFV 208/230-1-60

Condensing Temperature °F  
 (Sat. Dew Pt. Pressure, psig)      Evaporating Temperature °F (Sat. Dew Pt. Pressure, psig)

	-10.0 (12)	0.0 (19)	10.0 (28)	20.0 (38)	30.0 (50)	40.0 (63)	45.0 (71)	50.0 (79)	55.0 (88)
<b>150.0</b>									
<b>C</b>				9,430	15,650	23,000	27,000	31,100	35,300
<b>P</b>				2,090	2,660	3,210	3,460	3,690	3,890
<b>A</b>				12.3	14.2	16.1	17.0	17.8	18.5
<b>M</b>				167	270	386	447	510	574
<b>E</b>				4.5	5.9	7.2	7.8	8.5	9.1
<b>%</b>				54.9	62.4	66.2	67.0	67.4	67.3
<b>140.0</b>									
<b>C</b>				12,450	19,050	26,800	31,000	35,300	39,700
<b>P</b>				2,230	2,730	3,200	3,410	3,590	3,750
<b>A</b>				12.8	14.4	16.0	16.7	17.4	18.0
<b>M</b>				202	304	419	479	541	604
<b>E</b>				5.6	7.0	8.4	9.1	9.8	10.6
<b>%</b>				58.4	63.7	66.4	66.9	67.0	66.7
<b>130.0</b>									
<b>C</b>			9,730	15,300	22,400	30,600	35,000	39,500	44,100
<b>P</b>			1,845	2,300	2,740	3,130	3,300	3,440	3,550
<b>A</b>			11.6	13.0	14.4	15.8	16.3	16.8	17.2
<b>M</b>			150	233	335	449	509	570	631
<b>E</b>			5.3	6.7	8.2	9.8	10.6	11.5	12.5
<b>%</b>			54.4	60.5	64.5	66.4	66.6	66.5	66.0
<b>120.0</b>									
<b>C</b>			12,050	18,150	25,700	34,400	39,000	43,800	48,700
<b>P</b>			1,920	2,320	2,700	3,010	3,130	3,230	3,290
<b>A</b>			11.9	13.1	14.3	15.3	15.7	16.1	16.3
<b>M</b>			176	260	363	477	536	597	658
<b>E</b>			6.3	7.8	9.6	11.5	12.5	13.6	14.8
<b>%</b>			57.0	61.8	64.9	66.1	66.2	65.9	65.3
<b>110.0</b>									
<b>C</b>		9,530	14,300	20,900	29,000	38,300	43,200	48,200	53,300
<b>P</b>		1,590	1,950	2,300	2,610	2,840	2,920	2,970	2,990
<b>A</b>		11.0	11.9	13.0	14.0	14.7	15.0	15.2	15.2
<b>M</b>		133.5	198	285	388	503	563	623	684
<b>E</b>		6.0	7.4	9.1	11.2	13.5	14.8	16.2	17.9
<b>%</b>		54.6	58.4	62.4	64.8	65.6	65.5	65.0	64.2
<b>100.0</b>									
<b>C</b>	8,070	11,150	16,500	23,700	32,400	42,300	47,400	52,800	58,200
<b>P</b>	1,320	1,620	1,935	2,230	2,480	2,640	2,680	2,680	2,650
<b>A</b>	10.4	11.0	11.9	12.8	13.6	14.1	14.2	14.2	14.1
<b>M</b>	109	150	218	307	413	529	589	650	711
<b>E</b>	6.1	6.9	8.6	10.7	13.1	16.0	17.7	19.7	22.0
<b>%</b>	56.1	55.4	59.0	62.4	64.4	64.7	64.3	63.5	62.5
<b>90.0</b>									
<b>C</b>	9,040	12,750	18,750	26,600	36,000	46,400	51,900	57,500	63,200
<b>P</b>	1,350	1,620	1,895	2,140	2,320	2,410	2,400	2,360	2,290
<b>A</b>	10.4	11.0	11.8	12.5	13.1	13.3	13.3	13.1	12.8
<b>M</b>	118	163	235	328	437	555	616	678	739
<b>E</b>	6.7	7.9	9.9	12.5	15.5	19.3	21.6	24.4	27.7
<b>%</b>	54.7	55.2	58.9	61.9	63.4	63.0	62.2	61.1	59.5
<b>80.0</b>									
<b>C</b>	9,990	14,400	21,100	29,600	39,600	50,700	56,600	62,500	68,600
<b>P</b>	1,355	1,595	1,825	2,020	2,140	2,150	2,110	2,020	1,900
<b>A</b>	10.4	11.0	11.6	12.2	12.5	12.5	12.4	12.0	11.6
<b>M</b>	124	175	252	349	461	582	644	707	769
<b>E</b>	7.4	9.1	11.6	14.7	18.6	23.6	26.9	30.9	36.2
<b>%</b>	52.4	54.2	58.0	60.6	61.4	60.1	58.6	56.7	54.1

C: Capacity (Btu/hr), P: Power (W), A: Current (Amps), M: Mass Flow (lb/hr), E: EER (Btu/Wh), %: Isentropic Efficiency (%)

Nominal Performance Values (±5%) based on 72 hours run-in. Subject to change without notice. Current @ 230 V