

Rating Conditions

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

60 Hz Operation

AIR CONDITIONING

CR28K6E-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)
150.0									
C				7,080	10,900	15,900	19,000	22,600	26,600
P				1,525	1,915	2,300	2,490	2,680	2,880
A				8.2	9.7	11.3	12.0	12.8	13.6
M				124	187	268	316	371	433
E				4.7	5.7	6.9	7.7	8.4	9.3
%				55.8	60.3	64.1	65.8	67.3	68.6
140.0									
C				9,020	13,400	19,100	22,600	26,500	31,000
P				1,650	1,995	2,330	2,500	2,660	2,830
A				8.7	10.1	11.4	12.1	12.7	13.4
M				146.5	214	299	350	407	471
E				5.5	6.8	8.2	9.1	10.0	11.0
%				57.1	61.5	65.1	66.6	67.9	68.9
130.0									
C			6,910	10,950	15,900	22,300	26,100	30,400	35,300
P			1,385	1,715	2,020	2,300	2,440	2,580	2,720
A			7.9	9.0	10.1	11.3	11.8	12.4	12.9
M			108	167	238	327	380	439	505
E			5.0	6.4	7.9	9.7	10.7	11.8	13.0
%			52.3	58.1	62.3	65.7	67.0	68.1	68.8
120.0									
C			8,440	12,900	18,400	25,400	29,500	34,200	39,500
P			1,445	1,730	1,990	2,220	2,340	2,450	2,560
A			8.1	9.1	10.0	11.0	11.4	11.8	12.2
M			123.5	185	259	351	406	467	534
E			5.9	7.5	9.3	11.4	12.7	14.0	15.5
%			53.4	59.0	63.0	66.0	67.1	67.9	68.2
110.0									
C		5,810	10,050	14,950	20,900	28,400	32,900	38,000	43,600
P		1,180	1,465	1,710	1,920	2,110	2,190	2,270	2,350
A		7.3	8.2	9.0	9.8	10.5	10.8	11.1	11.4
M		83	139	203	279	374	429	491	561
E		5.0	6.9	8.8	10.9	13.5	15.1	16.7	18.6
%		45.7	54.5	59.6	63.2	65.9	66.7	67.1	66.9
100.0									
C	3,020	7,260	11,800	17,050	23,500	31,500	36,300	41,700	47,700
P	911	1,215	1,465	1,665	1,830	1,960	2,010	2,060	2,110
A	6.6	7.4	8.1	8.8	9.4	9.9	10.1	10.3	10.4
M	42.1	97	155	220	298	394	451	514	584
E	3.3	6.0	8.1	10.2	12.9	16.1	18.1	20.2	22.6
%	31.4	47.8	55.3	59.8	63.0	65.0	65.5	65.3	64.5
90.0									
C	4,480	8,890	13,650	19,250	26,100	34,700	39,700	45,400	51,700
P	974	1,245	1,450	1,610	1,720	1,790	1,815	1,835	1,850
A	6.8	7.5	8.1	8.6	9.0	9.3	9.4	9.4	9.4
M	57.5	113	171	237	316	414	471	535	606
E	4.6	7.2	9.4	12.0	15.2	19.4	21.9	24.8	28.0
%	36.9	49.7	55.8	59.5	62.0	63.1	63.0	62.1	60.3
80.0									
C	6,190	10,700	15,700	21,600	28,800	37,900	43,200	49,100	55,800
P	1,040	1,270	1,435	1,545	1,605	1,620	1,610	1,600	1,580
A	7.0	7.6	8.1	8.4	8.7	8.8	8.7	8.6	8.5
M	76	131	189	256	335	433	491	555	626
E	6.0	8.5	11.0	14.0	18.0	23.4	26.8	30.8	35.4
%	41.7	51.0	55.4	58.0	59.5	59.4	58.4	56.3	53.0

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