

Rating Conditions

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

60 Hz Operation

AIR CONDITIONING

CR24K6E-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				6,130	9,430	13,750	16,450	19,550	23,100
C				1,335	1,680	2,010	2,180	2,350	2,520
P				6.6	7.8	9.0	9.7	10.3	10.9
A				107.5	162	232	274	322	375
M				4.6	5.6	6.9	7.6	8.3	9.2
E				55.1	59.6	63.4	65.1	66.6	67.8
%									
140.0				7,810	11,650	16,550	19,550	23,000	26,900
C				1,445	1,750	2,040	2,190	2,340	2,480
P				7.0	8.1	9.2	9.7	10.2	10.8
A				127	185	259	303	353	408
M				5.4	6.7	8.1	9.0	9.9	10.9
E				56.4	60.8	64.3	65.8	67.1	68.1
%									
130.0			5,990	9,490	13,800	19,300	22,600	26,400	30,600
C			1,215	1,500	1,770	2,020	2,140	2,260	2,390
P			6.3	7.2	8.2	9.1	9.5	9.9	10.4
A			93.5	144.5	206	283	329	380	437
M			5.0	6.3	7.8	9.6	10.6	11.7	12.9
E			51.6	57.4	61.6	65.0	66.3	67.3	68.0
%									
120.0			7,310	11,200	15,950	22,000	25,600	29,600	34,200
C			1,265	1,515	1,745	1,950	2,050	2,150	2,240
P			6.5	7.3	8.1	8.8	9.2	9.5	9.8
A			107	160	225	305	352	404	463
M			5.8	7.4	9.2	11.3	12.5	13.8	15.3
E			52.7	58.3	62.3	65.2	66.3	67.1	67.4
%									
110.0		5,040	8,710	12,950	18,100	24,600	28,500	32,900	37,800
C		1,035	1,285	1,500	1,685	1,845	1,920	1,990	2,060
P		5.9	6.6	7.2	7.9	8.4	8.7	8.9	9.1
A		71.8	120.5	176	242	324	372	426	485
M		4.9	6.8	8.7	10.8	13.4	14.9	16.5	18.4
E		45.2	53.8	58.9	62.6	65.1	65.9	66.2	66.1
%									
100.0	2,620	6,290	10,200	14,750	20,300	27,300	31,500	36,100	41,300
C	799	1,065	1,285	1,460	1,605	1,715	1,765	1,810	1,850
P	5.3	6.0	6.5	7.1	7.6	8.0	8.1	8.3	8.4
A	36.8	84	134	191	258	342	391	445	506
M	3.3	5.9	8.0	10.1	12.7	15.9	17.9	20.0	22.4
E	31.3	47.3	54.7	59.2	62.3	64.3	64.7	64.5	63.7
%									
90.0	3,880	7,700	11,850	16,700	22,600	30,000	34,400	39,300	44,800
C	854	1,090	1,275	1,410	1,505	1,570	1,595	1,610	1,620
P	5.5	6.0	6.5	6.9	7.3	7.5	7.6	7.6	7.6
A	49.9	98	148.5	206	274	359	408	463	524
M	4.6	7.1	9.3	11.9	15.0	19.1	21.6	24.5	27.7
E	36.6	49.1	55.1	58.8	61.3	62.4	62.2	61.3	59.5
%									
80.0	5,360	9,290	13,600	18,700	25,000	32,800	37,400	42,600	48,300
C	910	1,115	1,260	1,355	1,405	1,420	1,415	1,400	1,385
P	5.6	6.1	6.5	6.8	7.0	7.0	7.0	6.9	6.8
A	65.6	113.5	164	222	291	375	425	480	542
M	5.9	8.4	10.8	13.8	17.8	23.2	26.5	30.4	35.0
E	41.2	50.3	54.7	57.4	58.9	58.8	57.7	55.6	52.3
%									

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