

Rating Conditions

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

60 Hz Operation

AIR CONDITIONING

CR34K6E-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 (402)				8,470	13,050	19,050	22,700	27,000	31,900
C				1,840	2,310	2,770	3,000	3,230	3,470
P				9.5	11.2	13.0	13.9	14.8	15.7
A				148	224	321	379	445	519
M				4.6	5.7	6.9	7.6	8.4	9.2
E				55.3	59.8	63.7	65.4	66.9	68.1
%									
140.0 (352)				10,800	16,050	22,900	27,000	31,800	37,200
C				1,985	2,410	2,810	3,010	3,210	3,410
P				10.1	11.6	13.1	13.9	14.7	15.4
A				175	256	358	419	488	564
M				5.5	6.7	8.2	9.0	9.9	10.9
E				56.7	61.1	64.6	66.2	67.4	68.4
%									
130.0 (307)			8,280	13,100	19,050	26,700	31,200	36,400	42,300
C			1,670	2,070	2,430	2,780	2,950	3,110	3,280
P			9.1	10.4	11.7	13.0	13.6	14.3	14.9
A			129	200	285	391	455	525	605
M			5.0	6.4	7.9	9.6	10.6	11.7	12.9
E			51.9	57.8	62.0	65.3	66.6	67.6	68.3
%									
120.0 (266)			10,100	15,450	22,000	30,400	35,300	41,000	47,300
C			1,740	2,090	2,400	2,680	2,820	2,950	3,080
P			9.3	10.5	11.6	12.6	13.1	13.6	14.1
A			148	222	311	421	486	559	640
M			5.8	7.4	9.2	11.3	12.6	13.9	15.4
E			53.1	58.6	62.6	65.6	66.7	67.4	67.8
%									
110.0 (229)		6,960	12,050	17,900	25,000	34,100	39,400	45,400	52,200
C		1,420	1,770	2,060	2,320	2,540	2,640	2,740	2,830
P		8.4	9.4	10.4	11.3	12.1	12.5	12.8	13.1
A		99.5	167	243	334	448	514	589	671
M		4.9	6.8	8.7	10.8	13.4	14.9	16.6	18.5
E		45.4	54.1	59.2	62.8	65.4	66.2	66.6	66.5
%									
100.0 (196)	3,610	8,700	14,100	20,400	28,100	37,800	43,500	49,900	57,100
C	1,100	1,465	1,770	2,010	2,210	2,360	2,430	2,490	2,540
P	7.7	8.5	9.4	10.2	10.9	11.4	11.7	11.9	12.0
A	50.6	116.5	185	263	357	472	540	616	700
M	3.3	6.0	8.0	10.2	12.8	16.0	17.9	20.1	22.5
E	31.2	47.6	55.0	59.5	62.6	64.6	65.0	64.9	64.1
%									
90.0 (167)	5,370	10,650	16,350	23,100	31,300	41,500	47,600	54,400	61,900
C	1,175	1,500	1,750	1,940	2,070	2,160	2,190	2,210	2,230
P	7.8	8.6	9.3	9.9	10.4	10.8	10.8	10.9	10.9
A	69.1	135.5	205	284	379	496	564	641	726
M	4.6	7.1	9.4	11.9	15.1	19.2	21.7	24.6	27.8
E	36.8	49.5	55.4	59.1	61.6	62.7	62.5	61.7	59.9
%									
80.0 (141)	7,410	12,850	18,800	25,900	34,500	45,300	51,700	58,900	66,800
C	1,250	1,530	1,735	1,865	1,935	1,950	1,945	1,925	1,905
P	8.0	8.7	9.3	9.7	10.0	10.1	10.0	9.9	9.8
A	91	157	227	306	402	519	588	665	750
M	5.9	8.4	10.9	13.9	17.9	23.3	26.6	30.6	35.1
E	41.6	50.7	55.1	57.7	59.2	59.1	58.0	56.0	52.7
%									

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