

Rating Conditions

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

60 Hz Operation

AIR CONDITIONING

CR16K6E-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				2,180	5,140	8,740	10,800	13,050	15,500
P				765	1,090	1,380	1,510	1,630	1,740
A				3.7	5.1	6.3	6.9	7.4	7.9
M				38.4	88.5	147	180	215	252
E				2.9	4.7	6.4	7.2	8.0	8.9
%				34.5	50.1	58.5	61.5	64.0	66.1
140.0									
C				3,740	6,910	10,750	12,950	15,350	17,950
P				889	1,165	1,410	1,515	1,610	1,690
A				4.3	5.4	6.5	6.9	7.3	7.7
M				60.7	110	168	201	236	273
E				4.2	5.9	7.6	8.6	9.6	10.6
%				43.9	54.2	60.5	62.9	65.0	66.8
130.0									
C			2,570	5,310	8,690	12,800	15,150	17,700	20,500
P			718	978	1,210	1,410	1,495	1,565	1,620
A			3.6	4.6	5.6	6.4	6.8	7.1	7.3
M			39.5	80.5	130	188	220	255	292
E			3.6	5.4	7.2	9.1	10.2	11.3	12.7
%			36.9	49.3	56.7	61.7	63.7	65.4	67.0
120.0									
C			3,940	6,870	10,500	14,850	17,350	20,100	23,000
P			816	1,035	1,230	1,385	1,445	1,490	1,525
A			4.0	4.9	5.7	6.3	6.6	6.8	6.9
M			57.4	98.5	148	206	239	273	311
E			4.9	6.7	8.6	10.8	12.1	13.5	15.1
%			43.9	52.4	58.1	62.2	63.9	65.3	66.6
110.0									
C		2,800	5,290	8,430	12,300	16,950	19,600	22,500	25,600
P		677	881	1,065	1,220	1,330	1,370	1,395	1,405
A		3.4	4.2	5.0	5.6	6.1	6.3	6.4	6.4
M		39.6	73.2	114.5	164	223	256	291	328
E		4.2	6.0	7.9	10.1	12.8	14.3	16.1	18.2
%		38.0	47.8	54.2	58.8	62.1	63.4	64.5	65.4
100.0									
C	1,890	3,940	6,610	9,980	14,100	19,050	21,900	24,900	28,200
P	561	746	917	1,065	1,185	1,260	1,275	1,280	1,270
A	3.0	3.7	4.4	5.0	5.5	5.8	5.9	5.9	5.8
M	26.1	53	87	129	179	238	272	307	345
E	3.4	5.3	7.2	9.4	12.0	15.2	17.2	19.5	22.2
%	31.6	42.6	49.9	55.0	58.6	61.2	62.2	62.8	63.2
90.0									
C	2,820	5,030	7,900	11,500	15,900	21,200	24,200	27,400	30,900
P	628	784	925	1,040	1,125	1,165	1,165	1,150	1,120
A	3.3	3.8	4.4	4.9	5.2	5.4	5.4	5.3	5.2
M	36.9	64.4	99.5	142	193	253	287	323	361
E	4.5	6.4	8.6	11.1	14.2	18.2	20.8	23.9	27.6
%	36.7	44.9	50.8	54.9	57.8	59.5	59.8	59.9	59.4
80.0									
C	3,690	6,080	9,160	13,000	17,700	23,300	26,500	29,900	33,600
P	666	796	909	996	1,045	1,050	1,035	1,000	952
A	3.4	3.9	4.3	4.7	4.9	4.9	4.9	4.7	4.5
M	45.6	74.1	110	154	206	267	301	338	377
E	5.6	7.7	10.1	13.1	17.0	22.2	25.6	29.9	35.3
%	39.1	45.9	50.8	54.1	56.0	56.4	55.9	54.8	52.9

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