Rating Conditions

40 °F Return Gas

0 F Subcooling

95 °F Ambient Air Over

60 Hz Operation

LOW TEMPERATURE

HFCs Require Use of Polyol Ester Lubricant Approved on Form 93-11

CF06K6E-PFV

COPELAWELD® HFC-404A

COMPRESSOR

PFV 208/230-1-60

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

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

		-30.0 (10)	-25.0 (13)	-20.0 (16)	-15.0 (20)	-10.0 (24)	-5.0 (28)	0.0 (33)	5.0 (38)	10.0 (43)
140.0 (402)	C				3,300	4,080	4,970	5,930	6,970	8,050
	P				1,430	1,620	1,820	2,010	2,200	2,380
	A				6.7	7.5	8.3	9.2	10.0	10.8
	M				94	117	144	173	205	240
	E				2.3	2.5	2.7	2.9	3.2	3.4
	%				49.1	50.9	52.3	53.4	54.2	54.7
130.0 (354)	C			3,500	4,380	5,370	6,470	7,640	8,870	10,100
	P			1,330	1,510	1,690	1,880	2,070	2,240	2,400
	A			6.2	7.0	7.8	8.6	9.4	10.2	10.9
	M			87	110	136	164	195	229	264
	E			2.6	2.9	3.2	3.4	3.7	4.0	4.2
	%			49.4	51.7	53.4	54.6	55.4	55.9	56.3
120.0 (310)	C	2,710	3,500	4,440	5,510	6,690	7,970	9,320	10,700	12,200
	P	1,080	1,230	1,390	1,560	1,740	1,920	2,090	2,240	2,370
	A	5.2	5.8	6.5	7.2	8.0	8.7	9.5	10.2	10.7
	M	60	78	100	124	152	182	214	248	284
	E	2.5	2.9	3.2	3.5	3.8	4.2	4.5	4.8	5.1
	%	44.9	48.5	51.3	53.4	54.9	55.9	56.5	56.8	57.0
110.0 (270)	C	3,390	4,350	5,450	6,690	8,030	9,460	11,000	12,500	14,100
	P	1,130	1,270	1,430	1,590	1,760	1,920	2,070	2,200	2,310
	A	5.4	6.0	6.7	7.4	8.1	8.8	9.4	10.0	10.5
	M	69	89	112	138	166	197	230	264	300
	E	3.0	3.4	3.8	4.2	4.6	4.9	5.3	5.7	6.1
	%	46.7	50.2	52.8	54.6	55.8	56.5	57.0	57.2	57.4
100.0 (235)	C	4,180	5,290	6,530	7,900	9,380	10,900	12,600	14,300	16,000
	P	1,170	1,300	1,450	1,610	1,760	1,900	2,020	2,120	2,200
	A	5.6	6.1	6.8	7.4	8.0	8.6	9.2	9.6	10.0
	M	79	100	124	150	179	210	243	277	313
	E	3.6	4.1	4.5	4.9	5.3	5.8	6.2	6.7	7.3
	%	48.7	51.7	53.9	55.4	56.3	56.8	57.1	57.3	57.6
90.0 (202)	C	5,080	6,310	7,670	9,150	10,700	12,400	14,200	15,900	17,800
	P	1,200	1,330	1,460	1,600	1,730	1,840	1,940	2,010	2,050
	A	5.7	6.2	6.8	7.4	7.9	8.4	8.8	9.2	9.3
	M	89	111	135	162	191	222	254	288	323
	E	4.2	4.8	5.2	5.7	6.2	6.7	7.3	7.9	8.7
	%	50.4	52.9	54.6	55.7	56.3	56.7	57.0	57.3	57.7
80.0 (173)	C	6,080	7,400	8,850	10,400	12,100	13,900	15,700	17,500	19,400
	P	1,220	1,340	1,460	1,570	1,680	1,770	1,830	1,870	1,870
	A	5.8	6.3	6.8	7.3	7.7	8.1	8.4	8.5	8.5
	M	100	122	147	173	202	232	264	297	331
	E	5.0	5.5	6.1	6.6	7.2	7.8	8.6	9.4	10.4
	%	51.7	53.6	54.8	55.6	56.1	56.4	56.7	57.2	57.9
70.0 (147)	C	7,180	8,570	10,100	11,700	13,500	15,300	17,100	19,100	21,000
	P	1,240	1,340	1,440	1,530	1,610	1,660	1,690	1,690	1,640
	A	5.9	6.3	6.7	7.1	7.4	7.7	7.8	7.7	7.5
	M	112	133	158	184	212	241	272	304	337
	E	5.8	6.4	7.0	7.6	8.4	9.2	10.1	11.3	12.8
	%	52.2	53.6	54.5	55.1	55.5	55.9	56.3	57.1	58.5

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