

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**

CF09K6E-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 P A M E %				4,940	6,130	7,440	8,870	10,400	12,000
				2,070	2,330	2,600	2,880	3,150	3,410
				9.5	10.6	11.8	12.9	14.1	15.2
				141	176	216	259	306	357
				2.4	2.6	2.9	3.1	3.3	3.5
			50.9	53.1	54.7	55.8	56.6	57.0	
130.0 (354) C P A M E %			5,250	6,530	7,960	9,530	11,200	13,000	14,900
			1,930	2,170	2,420	2,680	2,930	3,180	3,410
			8.9	9.9	11.0	12.1	13.2	14.2	15.2
			131	164	201	242	287	335	387
			2.7	3.0	3.3	3.6	3.8	4.1	4.4
		51.1	53.5	55.3	56.6	57.4	57.9	58.1	
120.0 (310) C P A M E %	4,100	5,260	6,600	8,120	9,800	11,600	13,500	15,600	17,700
	1,590	1,790	2,000	2,230	2,470	2,710	2,940	3,150	3,360
	7.5	8.3	9.2	10.2	11.2	12.2	13.2	14.1	15.0
	91	118	148	183	222	265	311	361	413
	2.6	2.9	3.3	3.6	4.0	4.3	4.6	4.9	5.3
46.4	49.9	52.8	55.0	56.6	57.7	58.3	58.6	58.7	
110.0 (270) C P A M E %	5,060	6,430	8,000	9,750	11,700	13,700	15,900	18,200	20,600
	1,640	1,840	2,050	2,260	2,480	2,700	2,900	3,090	3,260
	7.8	8.5	9.4	10.3	11.2	12.2	13.1	13.9	14.7
	103	131	164	201	241	285	333	383	436
	3.1	3.5	3.9	4.3	4.7	5.1	5.5	5.9	6.3
47.9	51.3	54.1	56.0	57.4	58.3	58.8	59.0	59.1	
100.0 (235) C P A M E %	6,090	7,670	9,460	11,400	13,600	15,800	18,200	20,800	23,400
	1,680	1,860	2,060	2,260	2,460	2,660	2,840	3,000	3,140
	7.9	8.7	9.5	10.3	11.2	12.0	12.8	13.5	14.1
	115	145	179	217	259	304	352	404	458
	3.6	4.1	4.6	5.0	5.5	6.0	6.4	6.9	7.5
49.3	52.5	55.0	56.7	57.9	58.6	59.0	59.1	59.1	
90.0 (202) C P A M E %	7,230	9,010	11,000	13,200	15,500	18,000	20,700	23,400	26,300
	1,690	1,870	2,060	2,240	2,430	2,600	2,750	2,880	2,980
	8.0	8.7	9.5	10.2	11.0	11.7	12.4	13.0	13.5
	127	159	194	234	276	322	371	423	478
	4.3	4.8	5.3	5.9	6.4	6.9	7.5	8.1	8.8
50.6	53.5	55.6	57.1	58.0	58.5	58.8	58.8	58.7	
80.0 (173) C P A M E %	8,490	10,500	12,700	15,000	17,600	20,300	23,100	26,100	29,200
	1,700	1,870	2,040	2,210	2,370	2,520	2,640	2,740	2,810
	8.0	8.7	9.4	10.1	10.8	11.4	12.0	12.4	12.8
	140	173	210	250	293	340	390	442	497
	5.0	5.6	6.2	6.8	7.4	8.1	8.8	9.5	10.4
51.7	54.2	55.9	57.0	57.7	58.0	58.1	58.0	57.9	
70.0 (147) C P A M E %	9,900	12,100	14,400	17,000	19,800	22,700	25,700	28,900	32,200
	1,710	1,870	2,020	2,170	2,310	2,430	2,520	2,590	2,620
	8.0	8.6	9.3	9.9	10.5	11.0	11.5	11.8	12.0
	154	188	226	267	311	358	408	461	515
	5.8	6.5	7.1	7.8	8.6	9.3	10.2	11.2	12.3
52.4	54.4	55.6	56.4	56.8	56.8	56.7	56.5	56.3	

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