

Rating Conditions

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

60 Hz Operation

AIR CONDITIONING

CR35K6E-TF5

COPELAWELD® HCFC-22

COMPRESSOR

TF5 200/230-3-60

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

	-10.0 (17)	0.0 (24)	10.0 (33)	20.0 (43)	30.0 (55)	40.0 (69)	45.0 (76)	50.0 (84)	55.0 (93)
150.0 (382) C P A M E %					17,900	24,300	27,800	31,600	35,600
					2,800	3,250	3,450	3,640	3,800
					8.7	9.8	10.2	10.6	11.0
					299	399	454	511	573
					6.4	7.5	8.0	8.7	9.4
				63.5	65.0	65.4	65.8	66.0	
140.0 (337) C P A M E %				14,600	20,600	27,500	31,300	35,400	39,800
				2,330	2,770	3,160	3,320	3,470	3,600
				7.8	8.7	9.5	9.9	10.3	10.6
				235	326	428	484	543	606
				6.3	7.4	8.7	9.4	10.2	11.0
			62.4	64.8	66.1	66.4	66.7	66.8	
130.0 (297) C P A M E %			11,500	17,100	23,400	30,800	34,900	39,300	44,000
			1,920	2,340	2,720	3,030	3,160	3,280	3,370
			6.9	7.8	8.6	9.3	9.6	9.8	10.1
			179	260	352	456	513	574	639
			6.0	7.3	8.6	10.2	11.0	12.0	13.1
		60.0	63.8	65.7	66.7	67.0	67.2	67.2	
120.0 (260) C P A M E %			13,700	19,500	26,300	34,200	38,600	43,300	48,400
			1,960	2,320	2,630	2,880	2,980	3,060	3,120
			7.0	7.8	8.4	9.0	9.2	9.4	9.5
			202	284	377	483	542	604	671
			7.0	8.4	10.0	11.9	13.0	14.2	15.5
		61.8	64.6	66.2	66.9	67.1	67.1	67.0	
110.0 (226) C P A M E %		10,700	15,900	22,000	29,200	37,600	42,300	47,400	53,000
		1,620	1,960	2,260	2,510	2,700	2,770	2,810	2,840
		6.4	7.1	7.7	8.2	8.6	8.7	8.8	8.9
		153	224	306	400	509	569	633	701
		6.6	8.1	9.7	11.6	13.9	15.3	16.8	18.6
	58.7	62.7	64.9	66.1	66.6	66.6	66.3	65.9	
100.0 (196) C P A M E %		12,600	18,000	24,500	32,100	41,000	46,000	51,500	57,500
		1,650	1,930	2,180	2,370	2,490	2,530	2,540	2,530
		6.5	7.0	7.5	7.9	8.1	8.2	8.3	8.3
		173	244	326	422	533	594	660	731
		7.7	9.3	11.2	13.6	16.5	18.2	20.3	22.6
	60.0	63.0	64.7	65.5	65.6	65.2	64.6	63.7	
90.0 (168) C P A M E %	9,830	14,500	20,100	26,900	34,900	44,400	49,800	55,500	61,500
	1,370	1,640	1,870	2,060	2,190	2,260	2,260	2,240	2,200
	6.1	6.5	6.9	7.3	7.5	7.7	7.7	7.7	7.6
	131	191	261	344	442	555	618	686	758
	7.2	8.8	10.7	13.0	15.9	19.7	22.0	24.8	28.0
56.9	60.5	62.7	63.9	64.3	63.7	62.9	61.6	59.9	
80.0 (144) C P A M E %	11,500	16,300	22,100	29,200	37,700	47,800	53,500	59,500	66,000
	1,390	1,600	1,780	1,910	1,990	1,990	1,970	1,920	1,850
	6.1	6.5	6.8	7.0	7.2	7.2	7.1	7.0	6.9
	148	206	277	361	460	576	641	710	784
	8.3	10.2	12.4	15.3	19.0	24.0	27.2	31.1	35.8
57.9	60.2	61.8	62.5	62.2	60.5	58.9	56.6	53.4	

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