

Rating Conditions

40 °F Return Gas
 0 F Subcooling
 95 °F Ambient Air Over

60 Hz Operation

EXTENDED MEDIUM TEMPERATURE

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

Refer AE-1298 for restrictions

RST64C1E-CAV

COPELAWELD® HFC-404A

COMPRESSOR

CAV 208/230-1-60

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

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

	-25.0 (13)	-15.0 (20)	-10.0 (24)	-5.0 (28)	0.0 (33)	5.0 (38)	10.0 (43)	15.0 (49)	20.0 (55)	25.0 (62)	30.0 (69)
140.0 (402) C P A M E %			2,400	2,760	3,160	3,580	4,030	4,510	5,010	5,550	6,120
			959	1,045	1,130	1,215	1,295	1,375	1,450	1,525	1,600
			4.9	5.2	5.6	5.9	6.3	6.6	6.9	7.2	7.6
			69	80	92	105.5	120	135.5	153	172	192
			2.5	2.7	2.8	3.0	3.1	3.3	3.5	3.7	3.8
			50.6	50.6	50.6	50.6	50.4	50.2	49.8	49.3	48.7
130.0 (354) C P A M E %		2,370	2,780	3,230	3,710	4,220	4,760	5,330	5,940	6,580	7,260
		900	975	1,050	1,125	1,195	1,265	1,335	1,405	1,475	1,545
		4.6	4.9	5.3	5.5	5.8	6.1	6.4	6.7	7.0	7.3
		59.5	70.2	82	95	108.5	124	140	158	177	198
		2.7	2.9	3.1	3.3	3.6	3.8	4.0	4.2	4.5	4.7
	46.8	48.0	48.8	49.5	49.8	49.9	49.8	49.5	48.9	48.2	
120.0 (310) C P A M E %	1,890	2,740	3,220	3,740	4,290	4,880	5,510	6,170	6,870	7,600	8,370
	783	914	978	1,045	1,105	1,170	1,235	1,300	1,360	1,425	1,490
	4.2	4.7	5.0	5.2	5.5	5.7	6.0	6.3	6.5	6.8	7.1
	42.3	61.9	73.1	85.5	98.5	113	128.5	145	163	182	203
	2.4	3.0	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.6
41.0	45.4	47.0	48.2	49.0	49.4	49.6	49.4	48.9	48.2	47.1	
110.0 (270) C P A M E %	2,210	3,160	3,700	4,270	4,890	5,550	6,250	6,980	7,760	8,580	9,440
	806	915	971	1,025	1,085	1,140	1,200	1,260	1,320	1,380	1,440
	4.3	4.7	4.9	5.2	5.4	5.6	5.9	6.1	6.4	6.6	6.9
	45.1	65.1	76.5	89	102.5	117	132.5	149.5	168	187	208
	2.8	3.5	3.8	4.2	4.5	4.9	5.2	5.6	5.9	6.2	6.6
40.2	44.9	46.6	47.8	48.5	48.9	48.8	48.4	48.4	47.7	46.6	45.2
100.0 (235) C P A M E %	2,560	3,600	4,180	4,810	5,480	6,200	6,960	7,760	8,610	9,500	10,450
	813	905	954	1,005	1,055	1,110	1,165	1,220	1,275	1,335	1,400
	4.3	4.7	4.9	5.1	5.3	5.5	5.7	5.9	6.2	6.4	6.7
	48.4	68.5	80	92.5	106	120.5	136	153	171	190	211
	3.2	4.0	4.4	4.8	5.2	5.6	6.0	6.4	6.8	7.1	7.5
40.2	44.7	46.2	47.1	47.7	47.7	47.4	47.4	46.6	45.5	44.0	42.2
90.0 (202) C P A M E %	2,940	4,040	4,660	5,320	6,040	6,800	7,610	8,470	9,380	10,350	11,350
	807	887	930	975	1,025	1,075	1,125	1,180	1,240	1,300	1,365
	4.3	4.6	4.8	5.0	5.1	5.3	5.6	5.8	6.0	6.3	6.6
	51.7	71.5	83	95	108.5	123	138.5	155	173	192	213
	3.7	4.6	5.0	5.5	5.9	6.4	6.8	7.2	7.6	8.0	8.3
40.5	44.3	45.4	46.0	46.2	45.8	45.1	43.9	42.3	40.4	38.2	
80.0 (173) C P A M E %	3,310	4,450	5,100	5,790	6,540	7,340	8,200	9,100	10,050	11,050	12,100
	790	860	900	943	990	1,040	1,095	1,150	1,210	1,275	1,340
	4.3	4.5	4.7	4.8	5.0	5.2	5.4	5.7	5.9	6.2	6.4
	54.7	74	85	97	110	124.5	139.5	156	174	192	213
	4.2	5.2	5.7	6.2	6.6	7.1	7.5	7.9	8.3	8.7	9.1
40.6	43.4	44.1	44.2	43.8	43.0	41.7	40.1	38.0	35.6	33.0	
70.0 (147) C P A M E %	3,660	4,820	5,480	6,200	6,970	7,800	8,680	9,620	10,600	11,650	12,750
	764	829	867	910	957	1,010	1,065	1,125	1,185	1,255	1,330
	4.2	4.4	4.5	4.7	4.9	5.1	5.3	5.5	5.8	6.1	6.4
	57	75.5	86.5	98	110.5	124.5	139	155	172	191	211
	4.8	5.8	6.3	6.8	7.3	7.8	8.2	8.6	9.0	9.3	9.6
40.3	41.9	41.9	41.5	40.6	39.2	37.4	35.2	32.7	29.9	26.9	

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