

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-CFA

COPELAWELD® HFC-404A

COMPRESSOR

CFA 115-1-60

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 %			2,170	2,540	2,930	3,340	3,780	4,250	4,760	5,320	5,920
			947	1,035	1,120	1,210	1,295	1,380	1,460	1,545	1,625
			9.6	10.3	11.0	11.7	12.4	13.1	13.9	14.6	15.4
			62.5	73.6	85.5	98.5	112.5	128	145.5	164	186
			2.3	2.5	2.6	2.8	2.9	3.1	3.3	3.5	3.7
			46.3	47.0	47.3	47.4	47.3	47.2	46.9	46.7	46.3
130.0 (354) C P A M E %		2,320	2,720	3,150	3,600	4,080	4,600	5,150	5,750	6,390	7,090
		866	945	1,025	1,105	1,180	1,260	1,335	1,415	1,490	1,565
		9.0	9.6	10.2	10.8	11.5	12.1	12.8	13.5	14.2	14.9
		58.1	68.7	80	92	105	119.5	135.5	153	172	193
		2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5
		47.6	48.4	48.8	48.9	48.8	48.5	48.1	47.6	47.0	46.3
120.0 (310) C P A M E %	1,930	2,780	3,240	3,720	4,240	4,780	5,370	6,000	6,680	7,410	8,200
	724	865	936	1,010	1,080	1,150	1,225	1,295	1,365	1,435	1,510
	7.9	9.0	9.5	10.1	10.6	11.2	11.8	12.5	13.1	13.7	14.4
	43.2	62.8	73.5	85	97	110.5	125	141	159	178	199
	2.7	3.2	3.5	3.7	3.9	4.2	4.4	4.7	4.9	5.2	5.5
	45.2	48.7	49.4	49.6	49.6	49.3	48.8	48.2	47.5	46.6	45.6
110.0 (270) C P A M E %	2,290	3,220	3,730	4,260	4,840	5,450	6,100	6,810	7,560	8,380	9,250
	731	857	921	986	1,050	1,120	1,185	1,250	1,320	1,385	1,455
	8.0	8.9	9.4	9.9	10.4	11.0	11.5	12.1	12.7	13.3	13.9
	46.7	66.4	77	88.5	101	115	129.5	145.5	163	183	204
	3.2	3.8	4.1	4.3	4.6	4.9	5.2	5.5	5.8	6.1	6.4
	45.9	48.9	49.5	49.6	49.4	49.0	48.3	47.5	46.4	45.3	43.9
100.0 (235) C P A M E %	2,630	3,640	4,190	4,770	5,400	6,070	6,790	7,570	8,400	9,300	10,250
	729	843	902	961	1,020	1,085	1,145	1,210	1,275	1,340	1,405
	8.0	8.8	9.2	9.7	10.2	10.7	11.2	11.7	12.3	12.9	13.4
	49.6	69.2	80	91.5	104.5	118	133	149	167	186	208
	3.6	4.3	4.7	5.0	5.3	5.6	6.0	6.3	6.6	7.0	7.3
	45.9	48.5	48.9	48.9	48.5	47.9	47.0	45.9	44.6	43.1	41.4
90.0 (202) C P A M E %	2,950	4,030	4,620	5,260	5,940	6,670	7,450	8,290	9,200	10,150	11,200
	721	824	878	934	991	1,050	1,110	1,170	1,230	1,295	1,360
	7.9	8.6	9.1	9.5	9.9	10.4	10.9	11.4	11.9	12.5	13.0
	51.9	71.5	82.5	94	106.5	120.5	135.5	152	170	189	211
	4.1	4.9	5.3	5.7	6.0	6.4	6.7	7.1	7.5	7.9	8.3
	45.5	47.6	47.7	47.5	46.9	46.0	44.8	43.4	41.8	40.0	37.9
80.0 (173) C P A M E %	3,260	4,410	5,040	5,720	6,450	7,230	8,080	8,980	9,960	11,000	12,150
	707	802	853	905	960	1,015	1,075	1,135	1,195	1,255	1,320
	7.8	8.5	8.9	9.3	9.7	10.1	10.6	11.1	11.6	12.1	12.7
	53.9	73.3	84	96	108.5	122.5	137.5	154	172	192	213
	4.6	5.5	5.9	6.3	6.7	7.1	7.5	8.0	8.4	8.8	9.2
	44.7	46.1	46.0	45.5	44.6	43.4	41.9	40.1	38.1	35.9	33.5
70.0 (147) C P A M E %	3,560	4,770	5,440	6,160	6,930	7,770	8,670	9,640	10,700	11,800	13,000
	688	778	826	877	930	985	1,040	1,100	1,165	1,225	1,290
	7.7	8.3	8.7	9.0	9.5	9.9	10.4	10.8	11.4	11.9	12.4
	55.5	74.7	85.5	97.5	110	124	139	156	174	193	215
	5.2	6.2	6.6	7.0	7.5	7.9	8.3	8.8	9.2	9.7	10.1
	43.5	44.2	43.7	42.8	41.5	39.9	38.1	35.9	33.6	31.0	28.2

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 @ 115 V