

Rating Conditions

65 °F Return Gas
 0 F Subcooling
 95 °F Ambient Air Over

60 Hz Operation

HIGH TEMPERATURE

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

RRT62C1E-IAA

COPELAWELD® HFC-134A
 COMPRESSOR
 IAA 115-1-60

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

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

	-10.0 (2)	0.0 (7)	5.0 (9)	10.0 (12)	15.0 (15)	20.0 (18)	25.0 (22)	30.0 (26)	35.0 (30)	40.0 (35)	45.0 (40)	55.0 (51)
140.0 (229) C P A M E %					2,510	2,840	3,210	3,610	4,060	4,550	5,090	6,350
					636	683	728	772	816	861	906	1,005
					8.0	8.4	8.7	9.0	9.3	9.7	10.1	10.8
					45.2	51.3	58.1	65.8	74.3	84	94.5	119.5
					4.0	4.2	4.4	4.7	5.0	5.3	5.6	6.4
					45.2	44.8	44.5	44.3	44.0	43.7	43.3	41.9
130.0 (199) C P A M E %				2,400	2,740	3,110	3,520	3,970	4,460	5,010	5,600	6,970
				570	612	652	691	729	768	807	848	937
				7.6	7.9	8.1	8.4	8.7	9.0	9.3	9.6	10.3
				40.3	46.1	52.5	59.7	67.6	76.5	86	97	122
				4.2	4.5	4.8	5.1	5.5	5.8	6.2	6.6	7.5
			44.9	44.8	44.7	44.7	44.5	44.3	43.9	43.3	43.3	41.3
120.0 (171) C P A M E %			2,300	2,640	3,020	3,440	3,890	4,380	4,920	5,510	6,160	7,620
			515	553	589	623	657	691	725	761	798	881
			7.3	7.5	7.7	8.0	8.2	8.4	8.7	9.0	9.3	9.9
			36.1	41.7	47.9	54.6	62	70.2	79	89	100	125.5
			4.5	4.8	5.2	5.5	5.9	6.4	6.8	7.3	7.7	8.7
		44.4	44.6	44.8	44.9	44.9	44.7	44.7	44.3	43.6	42.6	39.8
110.0 (146) C P A M E %		2,180	2,540	2,920	3,340	3,790	4,290	4,820	5,410	6,040	6,740	8,300
		468	502	535	566	596	626	657	688	721	756	836
		7.0	7.2	7.4	7.6	7.8	8.0	8.2	8.4	8.7	8.9	9.6
		32.4	37.8	43.6	50	56.9	64.6	73	82	92.5	103.5	129
		4.7	5.1	5.5	5.9	6.4	6.9	7.4	7.9	8.4	8.9	10.0
	43.6	44.1	44.5	44.8	44.8	44.6	44.6	44.2	43.5	42.4	41.0	37.1
100.0 (124) C P A M E %	1,695	2,400	2,790	3,210	3,670	4,160	4,690	5,270	5,900	6,580	7,310	8,970
	388	457	487	516	543	571	598	626	655	687	721	800
	6.6	6.9	7.1	7.3	7.4	7.6	7.8	8.0	8.2	8.4	8.7	9.3
	23.9	33.9	39.5	45.5	52.1	59.2	67.1	75.5	85	95	106.5	132
	4.4	5.3	5.8	6.3	6.8	7.3	7.9	8.4	9.0	9.6	10.2	11.2
41.2	43.1	43.7	44.1	44.2	44.0	43.6	42.8	42.8	41.6	40.1	38.1	33.1
90.0 (104) C P A M E %	1,850	2,610	3,040	3,490	3,980	4,510	5,080	5,690	6,360	7,090	7,870	9,620
	380	441	469	495	520	545	571	598	627	658	693	773
	6.5	6.9	7.0	7.1	7.3	7.4	7.6	7.8	8.0	8.2	8.5	9.1
	24.8	35.1	40.9	47.1	53.9	61.2	69.1	78	87.5	97.5	109	134.5
	4.9	5.9	6.5	7.1	7.7	8.3	8.9	9.5	10.2	10.8	11.4	12.5
40.3	42.3	42.8	43.0	42.8	42.3	41.4	40.1	38.5	36.3	33.8	27.7	
80.0 (87) C P A M E %	1,975	2,800	3,250	3,730	4,250	4,820	5,420	6,080	6,790	7,550	8,370	10,200
	365	422	447	471	496	520	546	573	602	635	670	755
	6.5	6.7	6.9	7.0	7.1	7.3	7.5	7.6	7.8	8.1	8.3	8.9
	25.3	35.9	41.8	48.1	55	62.5	70.5	79.5	89	99.5	110.5	136.5
	5.4	6.7	7.3	7.9	8.6	9.3	10.0	10.6	11.3	11.9	12.5	13.5
39.1	40.9	41.1	41.0	40.4	39.5	38.1	36.2	33.9	31.2	28.1	20.9	
70.0 (71) C P A M E %	2,050	2,920	3,400	3,920	4,470	5,060	5,700	6,390	7,140	7,940	8,800	10,750
	343	396	421	445	470	495	521	550	581	615	654	745
	6.4	6.6	6.7	6.9	7.0	7.2	7.3	7.5	7.7	7.9	8.2	8.8
	25.1	35.9	41.9	48.4	55.4	62.9	71.1	80	89.5	100	111.5	137
	6.0	7.4	8.1	8.8	9.5	10.3	11.0	11.7	12.3	12.9	13.5	14.4
37.4	38.7	38.6	38.0	36.9	35.4	33.4	30.9	28.0	24.7	21.1	13.0	

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