

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

RRT64C1E-IAV

COPELAWELD® HFC-134A
 COMPRESSOR
 IAV 208/230-1-60

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 %					2,900	3,330	3,790	4,300	4,840	5,420	6,050	7,420
					729	781	832	883	933	983	1,030	1,125
					4.8	4.9	5.1	5.3	5.5	5.6	5.8	6.2
					52.2	60.1	68.8	78.5	88.5	100	112	139.5
					4.0	4.3	4.6	4.9	5.2	5.5	5.9	6.6
					45.5	45.8	46.0	46.1	45.9	45.6	45.2	43.6
130.0 (199) C P A M E %				2,810	3,230	3,680	4,180	4,730	5,310	5,940	6,610	8,080
				662	709	755	800	845	890	934	977	1,065
				4.6	4.7	4.8	5.0	5.1	5.3	5.5	5.6	6.0
				47.2	54.3	62.2	70.9	80.5	91	102	114.5	142
				4.3	4.6	4.9	5.3	5.6	6.0	6.4	6.8	7.6
			45.2	45.5	45.8	45.9	45.8	45.5	45.0	44.3	42.2	
120.0 (171) C P A M E %			2,700	3,110	3,560	4,050	4,590	5,170	5,800	6,470	7,190	8,780
			602	643	684	725	766	806	846	886	925	1,005
			4.4	4.5	4.6	4.7	4.9	5.0	5.2	5.3	5.4	5.7
			42.6	49.1	56.3	64.3	73.1	83	93.5	104.5	117	144.5
			4.5	4.9	5.2	5.6	6.0	6.4	6.9	7.3	7.8	8.8
		44.8	45.1	45.4	45.5	45.5	45.2	44.7	44.0	43.0	40.2	
110.0 (146) C P A M E %		2,590	2,980	3,410	3,900	4,430	5,010	5,630	6,310	7,030	7,810	9,500
		548	584	621	657	694	730	767	803	839	876	948
		4.2	4.3	4.4	4.5	4.7	4.8	4.9	5.0	5.1	5.3	5.5
		38.4	44.3	50.9	58.3	66.5	75.5	85	96	107.5	120	147.5
		4.7	5.1	5.5	6.0	6.4	6.9	7.4	7.9	8.4	8.9	10.0
	44.2	44.5	44.8	45.0	45.0	44.7	44.2	43.4	42.4	41.0	37.5	
100.0 (124) C P A M E %	2,140	2,830	3,250	3,720	4,250	4,820	5,440	6,110	6,840	7,620	8,440	10,250
	465	530	563	596	629	662	695	729	763	796	831	899
	4.0	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.4
	30	39.9	46	52.8	60.3	68.7	78	88	98.5	110.5	123	151
	4.6	5.4	5.8	6.3	6.8	7.3	7.8	8.4	9.0	9.6	10.2	11.4
43.1	43.8	44.1	44.3	44.3	44.0	43.5	42.6	41.5	40.0	38.2	33.7	
90.0 (104) C P A M E %	2,320	3,080	3,540	4,050	4,610	5,230	5,900	6,620	7,400	8,230	9,120	11,050
	452	510	540	570	600	631	662	694	726	758	791	857
	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.2
	31.1	41.4	47.7	54.7	62.4	71	80.5	90.5	101.5	113.5	126	155
	5.2	6.1	6.6	7.1	7.7	8.3	8.9	9.6	10.2	10.9	11.6	12.9
42.6	43.2	43.3	43.3	43.0	42.4	41.5	40.3	38.6	36.7	34.3	28.7	
80.0 (87) C P A M E %	2,520	3,340	3,840	4,390	5,000	5,660	6,380	7,150	7,990	8,880	9,820	11,900
	434	488	516	544	572	602	632	662	693	725	757	823
	3.9	4.1	4.2	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.1
	32.2	43	49.4	56.6	64.6	73.4	83	93.5	104.5	116.5	130	159
	5.8	6.9	7.5	8.1	8.8	9.4	10.1	10.8	11.5	12.3	13.0	14.5
41.9	42.3	42.2	41.8	41.1	40.1	38.7	36.9	34.7	32.1	29.2	22.3	
70.0 (71) C P A M E %	2,720	3,620	4,150	4,750	5,400	6,110	6,890	7,720	8,610	9,560	10,550	12,750
	414	465	492	519	547	576	605	635	667	699	731	799
	3.9	4.0	4.1	4.2	4.2	4.3	4.4	4.5	4.6	4.7	4.8	5.0
	33.3	44.5	51.2	58.7	66.9	76	86	96.5	108	120.5	133.5	163
	6.6	7.8	8.5	9.2	9.9	10.6	11.4	12.2	12.9	13.7	14.5	16.0
41.0	40.9	40.4	39.6	38.4	36.8	34.7	32.3	29.5	26.2	22.6	14.4	

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