

### 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

### RRT81C1E-PFA

COPELAWELD® HFC-134A  
 COMPRESSOR  
 PFA 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 %					3,820	4,410	5,060	5,760	6,510	7,310	8,170	10,050
					754	812	868	923	976	1,025	1,070	1,145
					7.7	8.1	8.6	9.1	9.5	9.9	10.3	11.0
					68.7	79.5	92	105	119	134.5	151	189
					5.1	5.5	5.9	6.3	6.7	7.2	7.7	8.8
					57.9	58.5	58.9	59.0	59.1	59.0	58.7	57.9
130.0 (199) C P A M E %				3,690	4,280	4,930	5,640	6,400	7,220	8,090	9,010	11,050
				683	736	787	838	886	931	972	1,010	1,070
				7.2	7.6	8.0	8.4	8.8	9.1	9.5	9.8	10.3
				61.8	72.1	83.5	95.5	109	123.5	139	156	194
				5.4	5.8	6.3	6.8	7.3	7.8	8.3	9.0	10.4
			57.5	58.2	58.8	59.1	59.2	59.1	58.9	58.5	58.5	57.4
120.0 (171) C P A M E %			3,520	4,110	4,760	5,460	6,220	7,040	7,920	8,850	9,840	12,000
			621	668	715	760	804	845	882	915	944	984
			6.7	7.1	7.4	7.8	8.1	8.4	8.7	9.0	9.3	9.6
			55.5	65	75.5	87	99	112.5	127.5	143	160	198
			5.7	6.2	6.7	7.2	7.8	8.4	9.0	9.7	10.5	12.2
		56.6	57.5	58.2	58.6	58.7	58.7	58.7	58.5	58.1	57.6	56.1
110.0 (146) C P A M E %		3,350	3,920	4,550	5,240	5,990	6,800	7,670	8,600	9,590	10,650	12,950
		566	608	650	691	730	767	800	829	854	874	895
		6.3	6.6	6.9	7.2	7.5	7.8	8.1	8.3	8.5	8.7	8.8
		49.7	58.4	67.9	78.5	90	102.5	116	130.5	146.5	163	201
		5.9	6.5	7.0	7.6	8.2	8.9	9.6	10.4	11.2	12.2	14.5
	55.3	56.3	57.1	57.6	57.8	57.9	57.7	57.7	57.3	56.8	56.0	54.0
100.0 (124) C P A M E %	2,690	3,720	4,320	4,990	5,720	6,500	7,360	8,270	9,250	10,300	11,400	13,800
	481	556	593	629	663	696	725	751	772	788	799	801
	5.8	6.3	6.5	6.8	7.0	7.3	7.5	7.7	7.9	8.0	8.1	8.0
	37.8	52.5	61.1	70.7	81	92.5	105	118.5	133.5	149	166	203
	5.6	6.7	7.3	8.0	8.6	9.4	10.2	11.0	12.0	13.1	14.3	17.3
52.6	54.9	55.7	56.2	56.5	56.5	56.4	56.0	55.4	54.6	53.6	51.0	
90.0 (104) C P A M E %	3,020	4,090	4,720	5,420	6,170	7,000	7,890	8,840	9,860	10,950	12,100	14,650
	477	541	573	603	631	656	678	696	709	717	718	700
	5.8	6.2	6.4	6.6	6.8	7.0	7.1	7.3	7.4	7.4	7.4	7.2
	40.4	55	63.6	73.1	83.5	95	107.5	121	135.5	151	168	205
	6.4	7.6	8.3	9.0	9.8	10.7	11.7	12.7	13.9	15.3	16.9	20.9
52.4	54.0	54.5	54.7	54.8	54.6	54.2	53.6	52.7	51.6	50.2	46.5	
80.0 (87) C P A M E %	3,350	4,450	5,110	5,820	6,610	7,460	8,380	9,370	10,450	11,550	12,750	15,350
	469	523	549	572	594	612	626	636	640	638	630	591
	5.7	6.1	6.2	6.4	6.5	6.7	6.8	6.8	6.8	6.8	6.7	6.3
	42.9	57.2	65.7	75	85.5	96.5	109	122.5	136.5	152	169	205
	7.2	8.5	9.3	10.2	11.2	12.2	13.4	14.8	16.3	18.1	20.3	26.0
51.7	52.5	52.7	52.7	52.5	52.0	51.3	50.3	49.1	47.5	45.6	40.1	
70.0 (71) C P A M E %	3,680	4,800	5,470	6,200	7,000	7,880	8,830	9,850	10,950	12,100	13,350	16,050
	455	499	519	536	550	561	567	568	564	553	535	475
	5.7	5.9	6.0	6.1	6.2	6.3	6.3	6.3	6.3	6.2	6.0	5.4
	45.1	59.1	67.4	76.5	87	98	110	123	137	152	169	205
	8.1	9.6	10.6	11.6	12.8	14.1	15.6	17.3	19.4	21.9	24.9	33.8
50.5	50.5	50.4	50.0	49.4	48.6	47.5	46.1	44.2	41.9	39.0	30.5	

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