

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

RRT10K1E-PFV

COPELAWELD® HFC-134A
 COMPRESSOR
 PFV 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 %					4,680	5,300	5,960	6,660	7,420	8,250	9,160	11,250
					994	1,050	1,110	1,160	1,215	1,265	1,320	1,420
					5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.7
					84.5	96	108	121.5	136	152	170	212
					4.7	5.1	5.4	5.8	6.1	6.5	7.0	8.0
					53.9	54.2	54.3	54.3	54.1	53.9	53.5	52.5
130.0 (199) C P A M E %				4,600	5,250	5,940	6,670	7,460	8,310	9,240	10,250	12,600
				920	974	1,025	1,075	1,120	1,170	1,215	1,260	1,350
				5.0	5.2	5.3	5.5	5.7	5.9	6.0	6.2	6.5
				77	88.5	100.5	113	127	142	159	177	221
				5.0	5.4	5.8	6.2	6.7	7.1	7.6	8.2	9.4
			53.2	53.9	54.3	54.4	54.4	54.2	53.8	53.3	51.9	
120.0 (171) C P A M E %			4,440	5,120	5,820	6,570	7,380	8,240	9,190	10,200	11,350	13,900
			851	900	947	992	1,035	1,075	1,115	1,155	1,195	1,275
			4.8	4.9	5.1	5.2	5.4	5.5	5.7	5.8	6.0	6.2
			70	81	92	104.5	117.5	132	148	165	184	229
			5.2	5.7	6.2	6.7	7.2	7.7	8.2	8.9	9.5	11.0
		52.0	53.1	53.7	54.0	54.1	53.9	53.6	53.1	52.4	50.3	
110.0 (146) C P A M E %		4,230	4,910	5,630	6,390	7,200	8,070	9,020	10,050	11,150	12,400	15,200
		787	832	875	916	954	991	1,025	1,060	1,095	1,130	1,195
		4.6	4.7	4.9	5.0	5.1	5.2	5.4	5.5	5.6	5.7	5.9
		62.8	73.2	84	95.5	108	121.5	136.5	153	170	190	236
		5.4	5.9	6.5	7.0	7.6	8.2	8.8	9.5	10.2	11.0	12.8
	50.2	51.6	52.5	53.0	53.2	53.1	52.8	52.3	51.6	50.6	47.6	
100.0 (124) C P A M E %	3,290	4,650	5,360	6,120	6,930	7,800	8,740	9,760	10,850	12,100	13,400	16,450
	683	769	808	845	879	912	943	973	1,000	1,030	1,055	1,110
	4.4	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.7
	46.2	65.5	76	86.5	98.5	111	125	140	157	175	195	242
	4.8	6.1	6.7	7.3	7.9	8.6	9.3	10.1	10.9	11.8	12.7	14.8
45.3	49.5	50.6	51.3	51.6	51.7	51.4	50.9	50.2	49.1	47.7	43.7	
90.0 (104) C P A M E %	3,640	5,030	5,780	6,580	7,430	8,350	9,360	10,450	11,650	12,950	14,350	17,650
	672	746	779	810	839	866	891	915	939	961	983	1,030
	4.4	4.5	4.6	4.7	4.8	4.8	4.9	5.0	5.1	5.2	5.2	5.4
	48.8	67.7	78	89	100.5	113.5	127.5	143	160	178	199	247
	5.4	6.8	7.4	8.1	8.9	9.7	10.5	11.4	12.4	13.5	14.6	17.2
44.9	48.2	49.0	49.5	49.6	49.4	48.9	48.1	47.0	45.5	43.5	38.2	
80.0 (87) C P A M E %	3,960	5,380	6,150	6,980	7,880	8,850	9,920	11,100	12,350	13,750	15,250	18,750
	655	718	746	771	794	815	835	854	872	890	907	941
	4.4	4.4	4.5	4.6	4.6	4.7	4.8	4.8	4.9	4.9	5.0	5.1
	50.6	69.1	79	90	102	115	129	144.5	162	181	202	250
	6.1	7.5	8.3	9.1	9.9	10.9	11.9	13.0	14.2	15.5	16.9	19.9
43.6	46.2	46.7	46.9	46.8	46.3	45.5	44.3	42.6	40.5	37.9	30.7	
70.0 (71) C P A M E %	4,220	5,660	6,460	7,320	8,260	9,280	10,400	11,650	13,000	14,450	16,050	19,750
	635	686	708	728	745	762	776	790	803	815	828	852
	4.3	4.4	4.4	4.5	4.5	4.6	4.6	4.6	4.7	4.7	4.8	4.8
	51.7	69.7	79.5	90.5	102.5	115.5	129.5	145.5	163	182	203	252
	6.7	8.3	9.1	10.1	11.1	12.2	13.4	14.7	16.2	17.7	19.4	23.2
41.6	43.3	43.6	43.5	43.0	42.2	40.9	39.2	36.9	34.0	30.4	20.9	

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