

### 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

### RFT18C1E-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)

	-25.0 (-3)	-15.0 (0)	-10.0 (2)	-5.0 (4)	0.0 (7)	5.0 (9)	10.0 (12)	15.0 (15)	20.0 (18)	25.0 (22)	30.0 (26)
140.0 (229) C P A M E %					2,260	2,690	3,110	3,550	3,990	4,450	4,920
					675	745	809	868	923	974	1,020
					7.1	7.6	8.1	8.7	9.2	9.7	10.1
					44.3	52.8	61.4	70.3	79.5	89	99
					3.4	3.6	3.9	4.1	4.3	4.6	4.8
					47.3	48.0	48.3	48.2	48.0	47.5	46.9
130.0 (199) C P A M E %				2,150	2,570	3,000	3,440	3,890	4,360	4,850	5,360
				613	679	739	795	847	896	943	988
				6.7	7.1	7.6	8.0	8.5	8.9	9.3	9.7
				39.1	46.9	54.9	63.1	71.7	80.5	90	100
				3.5	3.8	4.1	4.4	4.6	4.9	5.2	5.4
			46.1	46.9	47.3	47.4	47.2	46.8	46.2	45.4	
120.0 (171) C P A M E %		1,645	2,060	2,470	2,900	3,340	3,800	4,270	4,770	5,290	5,840
		492	557	617	672	723	771	817	861	904	948
		5.9	6.3	6.7	7.1	7.5	7.9	8.2	8.6	8.9	9.2
		27.8	34.9	42.1	49.5	57.2	65.2	73.6	82.5	92	102
		3.4	3.7	4.0	4.3	4.6	4.9	5.3	5.6	5.9	6.2
	43.6	45.4	46.4	46.9	47.1	47.0	46.7	46.1	45.3	44.3	
110.0 (146) C P A M E %	1,150	1,945	2,360	2,780	3,220	3,680	4,160	4,660	5,190	5,760	6,360
	387	508	561	609	654	697	738	777	817	858	900
	5.3	6.0	6.3	6.6	7.0	7.3	7.6	7.9	8.1	8.4	8.6
	18.2	31	37.7	44.5	51.7	59.2	67.2	75.5	84.5	94	104.5
	3.0	3.9	4.2	4.6	4.9	5.3	5.7	6.0	6.4	6.7	7.1
38.7	44.3	45.7	46.5	46.9	47.0	46.8	46.3	45.5	44.5	43.2	
105.0 (135) C P A M E %	1,290	2,080	2,490	2,920	3,370	3,840	4,330	4,850	5,410	5,990	6,620
	405	511	558	601	641	679	717	754	792	831	873
	5.4	6.0	6.3	6.6	6.9	7.1	7.4	7.6	7.9	8.0	8.2
	19.9	32.2	38.7	45.5	52.6	60	68	76.5	85.5	95.5	105.5
	3.2	4.1	4.5	4.9	5.3	5.7	6.1	6.5	6.8	7.2	7.6
39.2	44.3	45.6	46.4	46.9	47.0	46.7	46.1	45.3	44.1	42.5	
100.0 (124) C P A M E %	1,410	2,200	2,610	3,050	3,500	3,990	4,500	5,040	5,610	6,220	6,880
	418	511	551	589	625	659	694	728	765	803	844
	5.5	6.0	6.2	6.5	6.7	7.0	7.2	7.4	7.6	7.7	7.8
	21.2	33.2	39.5	46.2	53.2	60.7	68.7	77	86.5	96	107
	3.4	4.3	4.8	5.2	5.6	6.1	6.5	6.9	7.4	7.8	8.2
39.1	44.0	45.4	46.3	46.8	46.9	46.6	45.9	44.9	43.6	41.9	
90.0 (104) C P A M E %	1,580	2,370	2,800	3,250	3,730	4,240	4,790	5,370	5,990	6,660	7,380
	434	499	528	555	583	610	639	669	703	739	781
	5.6	5.9	6.1	6.3	6.4	6.6	6.7	6.8	6.9	6.9	6.9
	22.6	34	40.2	46.8	53.8	61.3	69.4	78	87.5	97.5	108.5
	3.7	4.8	5.3	5.9	6.4	7.0	7.5	8.0	8.6	9.0	9.5
37.6	42.9	44.5	45.7	46.3	46.5	46.2	45.4	44.1	42.4	40.2	
80.0 (87) C P A M E %	1,640	2,450	2,890	3,360	3,870	4,420	5,010	5,640	6,310	7,040	7,830
	433	472	490	508	528	549	572	599	630	666	708
	5.6	5.8	5.9	6.0	6.0	6.1	6.1	6.1	6.1	6.1	6.0
	22.3	33.4	39.5	46.1	53.2	60.9	69.1	78	88	98.5	109.5
	3.8	5.2	5.9	6.6	7.4	8.1	8.8	9.4	10.0	10.6	11.1
34.5	40.9	43.1	44.7	45.7	46.0	45.7	44.7	43.0	40.7	37.9	
70.0 (71) C P A M E %	1,555	2,390	2,860	3,360	3,910	4,490	5,130	5,810	6,550	7,350	8,200
	415	430	438	448	460	475	494	518	548	584	627
	5.5	5.6	5.6	5.6	5.6	5.5	5.5	5.4	5.3	5.1	4.9
	20.2	31.2	37.3	44	51.3	59.1	67.6	77	87	98	109.5
	3.8	5.6	6.6	7.5	8.5	9.5	10.4	11.2	12.0	12.6	13.1
30.0	38.1	41.2	43.5	45.0	45.5	45.1	43.8	41.6	38.5	34.9	

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 @ 115 V