

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

Refer AE-1298 for restrictions

RST64C1E-IAV

COPELAWELD® HFC-404A

COMPRESSOR

IAV 208/230-1-60

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

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

	-25.0 (13)	-15.0 (20)	-10.0 (24)	-5.0 (28)	0.0 (33)	5.0 (38)	10.0 (43)	15.0 (49)	20.0 (55)	25.0 (62)	30.0 (69)
140.0 (402) C P A M E %			2,420	2,770	3,160	3,570	4,010	4,490	4,990	5,520	6,080
			1,020	1,110	1,200	1,290	1,385	1,475	1,565	1,660	1,750
			7.5	7.8	8.1	8.4	8.7	9.0	9.4	9.7	10.1
			69.5	80.5	92	105.5	119.5	135	152	171	191
			2.4	2.5	2.7	2.8	2.9	3.1	3.2	3.4	3.5
			47.8	47.8	47.6	47.4	47.0	46.5	45.8	45.1	44.2
130.0 (354) C P A M E %		2,380	2,770	3,190	3,650	4,140	4,660	5,220	5,810	6,440	7,090
		960	1,035	1,115	1,195	1,275	1,360	1,440	1,525	1,605	1,690
		7.4	7.6	7.8	8.1	8.4	8.6	8.9	9.2	9.5	9.9
		59.7	69.8	81	93.5	106.5	121	137	154	173	193
		2.5	2.7	2.9	3.1	3.3	3.5	3.6	3.8	4.0	4.2
	44.0	44.9	45.4	45.7	45.8	45.6	45.2	44.7	43.9	43.0	
120.0 (310) C P A M E %	1,975	2,750	3,200	3,680	4,210	4,770	5,370	6,010	6,680	7,400	8,150
	840	969	1,035	1,105	1,175	1,250	1,325	1,395	1,475	1,550	1,625
	7.2	7.5	7.7	7.9	8.1	8.3	8.5	8.8	9.1	9.3	9.6
	44.1	62.1	72.5	84	96.5	110.5	125	141	159	178	198
	2.4	2.9	3.1	3.4	3.6	3.8	4.1	4.3	4.6	4.8	5.0
39.8	43.0	44.1	44.8	45.2	45.3	45.1	44.7	44.0	43.2	42.1	
110.0 (270) C P A M E %	2,310	3,180	3,680	4,220	4,800	5,430	6,100	6,820	7,570	8,370	9,220
	851	962	1,020	1,085	1,145	1,215	1,280	1,350	1,420	1,490	1,560
	7.2	7.5	7.6	7.8	8.0	8.2	8.4	8.6	8.9	9.1	9.4
	47.2	65.5	76	88	100.5	114.5	129.5	146	164	183	203
	2.7	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.6	5.9
39.8	43.0	44.0	44.7	45.0	45.0	44.7	44.1	43.2	42.1	40.8	
100.0 (235) C P A M E %	2,670	3,620	4,170	4,760	5,400	6,090	6,830	7,610	8,450	9,320	10,250
	847	945	998	1,055	1,110	1,175	1,235	1,300	1,365	1,430	1,500
	7.2	7.4	7.6	7.7	7.9	8.1	8.3	8.5	8.7	8.9	9.2
	50.5	69	79.5	91.5	104.5	118.5	133.5	150	168	187	208
	3.2	3.9	4.2	4.5	4.9	5.2	5.6	5.9	6.2	6.5	6.9
40.3	43.1	44.0	44.5	44.6	44.4	43.8	42.9	41.8	40.3	38.7	
90.0 (202) C P A M E %	3,040	4,060	4,640	5,280	5,980	6,720	7,520	8,370	9,270	10,200	11,250
	832	920	968	1,020	1,075	1,130	1,190	1,250	1,315	1,380	1,445
	7.2	7.4	7.5	7.6	7.8	7.9	8.1	8.3	8.5	8.8	9.0
	53.4	71.9	82.5	94.5	107.5	121.5	136.5	153	171	190	211
	3.7	4.4	4.8	5.2	5.6	6.0	6.3	6.7	7.1	7.4	7.8
40.6	42.9	43.5	43.7	43.5	43.0	42.1	40.9	39.4	37.6	35.6	
80.0 (173) C P A M E %	3,360	4,440	5,060	5,740	6,480	7,280	8,130	9,040	10,000	11,050	12,100
	811	891	937	986	1,040	1,095	1,150	1,210	1,275	1,340	1,405
	7.1	7.3	7.4	7.5	7.7	7.8	8.0	8.2	8.4	8.7	8.9
	55.5	73.8	84.5	96.5	109	123	138.5	155	173	192	213
	4.2	5.0	5.4	5.9	6.3	6.7	7.1	7.5	7.9	8.3	8.6
40.1	41.8	42.1	41.9	41.4	40.5	39.3	37.7	35.9	33.8	31.5	
70.0 (147) C P A M E %	3,610	4,740	5,390	6,110	6,890	7,730	8,630	9,600	10,600	11,700	12,850
	786	863	907	955	1,005	1,060	1,120	1,180	1,245	1,310	1,375
	7.0	7.2	7.3	7.5	7.6	7.8	8.0	8.2	8.4	8.6	8.9
	56.2	74.3	85	96.5	109.5	123.5	138.5	155	173	192	212
	4.6	5.5	6.0	6.4	6.9	7.3	7.7	8.2	8.6	9.0	9.4
38.6	39.6	39.5	39.0	38.1	36.9	35.3	33.4	31.2	28.8	26.2	

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