

### 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

### ARE25C3E-SAA

COPELAWELD® HFC-134A  
 COMPRESSOR  
 SAA 115-1-60

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

	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 %						1,370	1,560	1,760	1,990	2,230	2,780
						306	329	351	372	393	437
						3.6	3.8	3.9	4.1	4.3	4.7
						25	28	32	37	41	52
						4.5	4.7	5.0	5.4	5.7	6.4
					45.1	44.8	44.6	44.2	43.8	42.1	
130.0 (199) C P A M E %				1,130	1,310	1,510	1,720	1,950	2,190	2,460	3,050
				247	273	296	317	337	356	375	416
				3.2	3.4	3.5	3.7	3.8	4.0	4.2	4.5
				19	22	26	29	33	38	43	54
				4.6	4.8	5.1	5.4	5.8	6.2	6.6	7.3
			45.7	45.0	44.7	44.4	44.1	43.6	43.0	40.8	
120.0 (171) C P A M E %	698	870	1,050	1,240	1,440	1,660	1,890	2,140	2,410	2,690	3,330
	144	181	213	241	265	287	306	324	341	358	396
	2.7	2.9	3.0	3.2	3.3	3.4	3.6	3.7	3.9	4.0	4.4
	11	14	17	20	23	26	30	34	39	44	55
	4.8	4.8	4.9	5.2	5.4	5.8	6.2	6.6	7.1	7.5	8.4
51.5	47.9	46.0	45.0	44.4	44.0	43.6	43.1	42.5	41.5	38.7	
110.0 (146) C P A M E %	771	958	1,150	1,360	1,580	1,820	2,060	2,330	2,620	2,920	3,600
	143	178	209	235	257	277	295	311	327	343	379
	2.7	2.9	3.0	3.1	3.3	3.4	3.5	3.6	3.8	3.9	4.2
	11	14	17	20	24	27	31	35	40	45	56
	5.4	5.4	5.5	5.8	6.1	6.5	7.0	7.5	8.0	8.5	9.5
50.4	46.9	45.1	44.0	43.3	42.7	42.1	41.4	40.4	39.2	35.6	
100.0 (124) C P A M E %	845	1,050	1,260	1,480	1,710	1,960	2,230	2,510	2,820	3,140	3,860
	141	175	204	229	250	268	285	300	315	331	365
	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.7	3.8	4.1
	12	15	18	21	24	28	32	36	41	46	57
	6.0	6.0	6.2	6.5	6.9	7.3	7.8	8.4	8.9	9.5	10.6
49.1	45.6	43.7	42.4	41.5	40.6	39.7	38.7	37.4	35.7	31.3	
90.0 (104) C P A M E %	912	1,130	1,350	1,580	1,830	2,100	2,380	2,680	3,000	3,340	
	138	171	198	222	243	260	276	291	305	320	
	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	
	12	15	18	21	25	29	33	37	41	46	
	6.6	6.6	6.8	7.1	7.6	8.1	8.6	9.2	9.8	10.5	
47.2	43.6	41.4	39.9	38.7	37.6	36.4	34.9	33.2	31.2		

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 @ 115 V