

### Rating Conditions

40 °F Return Gas  
 0 F Subcooling  
 95 °F Ambient Air Over  
 60 Hz Operation

### MEDIUM TEMPERATURE

HFCs Require Use of Polyol Ester  
 Lubricant Approved on Form 93-11

### ASE24C5E-IAA

HFC-404A  
 COPELAWELD®  
 IAA 115-1-60

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

	-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 %					1,400	1,540	1,710	1,910	2,180
					448	473	498	521	541
					5.5	5.6	5.7	5.8	5.9
					42	46	52	59	68
					3.1	3.3	3.4	3.7	4.0
					50.6	49.9	49.4	49.8	51.3
135.0 (377) C P A M E %					1,520	1,680	1,870	2,090	2,390
					440	464	487	509	529
					5.5	5.6	5.7	5.8	5.9
					42	47	53	60	70
					3.5	3.6	3.8	4.1	4.5
					50.6	49.9	49.6	49.9	51.4
130.0 (354) C P A M E %				1,470	1,640	1,820	2,020	2,280	2,600
				409	432	455	478	499	517
				5.4	5.5	5.6	5.6	5.7	5.8
				38	43	48	54	61	71
				3.6	3.8	4.0	4.2	4.6	5.0
				50.8	50.6	50.0	49.7	50.1	51.4
120.0 (310) C P A M E %			1,490	1,700	1,890	2,100	2,340	2,640	3,010
			376	396	417	439	459	479	495
			5.3	5.4	5.4	5.5	5.6	5.7	5.8
			34	39	44	49	56	63	73
			4.0	4.3	4.5	4.8	5.1	5.5	6.1
			50.0	50.8	50.4	49.8	49.5	49.9	51.1
115.0 (290) C P A M E %		1,350	1,590	1,810	2,020	2,240	2,500	2,820	3,220
		354	371	390	411	431	451	469	485
		5.2	5.3	5.3	5.4	5.5	5.6	5.6	5.7
		29	35	40	45	50	57	65	74
		3.8	4.3	4.6	4.9	5.2	5.6	6.0	6.6
		47.3	50.0	50.6	50.2	49.5	49.2	49.5	50.6
110.0 (270) C P A M E %	1,160	1,450	1,700	1,920	2,140	2,380	2,660	3,000	3,430
	337	350	366	385	404	424	443	460	475
	5.1	5.2	5.3	5.3	5.4	5.5	5.5	5.6	5.7
	24	30	36	40	45	51	57	66	76
	3.4	4.1	4.6	5.0	5.3	5.6	6.0	6.5	7.2
	42.0	47.5	49.8	50.2	49.7	49.0	48.7	48.9	49.8
105.0 (252) C P A M E %	1,250	1,550	1,800	2,030	2,260	2,520	2,820	3,180	3,630
	334	347	362	380	398	417	435	452	466
	5.1	5.2	5.3	5.3	5.4	5.4	5.5	5.6	5.7
	25	31	36	41	46	52	58	66	77
	3.8	4.5	5.0	5.4	5.7	6.0	6.5	7.0	7.8
	42.6	47.4	49.4	49.6	49.0	48.3	47.9	48.0	48.8
95.0 (218) C P A M E %	1,440	1,740	2,000	2,250	2,500	2,790	3,120	3,530	4,030
	329	340	354	370	388	405	422	437	450
	5.1	5.2	5.2	5.3	5.3	5.4	5.5	5.5	5.6
	27	32	37	42	47	53	60	68	79
	4.4	5.1	5.6	6.1	6.4	6.9	7.4	8.1	9.0
	42.8	46.5	47.8	47.6	46.9	46.1	45.5	45.4	45.8
90.0 (202) C P A M E %	1,530	1,830	2,090	2,350	2,610	2,910	3,270	3,700	4,220
	327	338	351	366	383	400	416	431	443
	5.1	5.2	5.2	5.3	5.3	5.4	5.4	5.5	5.6
	27	33	38	42	48	53	60	69	79
	4.7	5.4	6.0	6.4	6.8	7.3	7.8	8.6	9.5
	42.5	45.7	46.6	46.3	45.5	44.6	43.9	43.6	43.8

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