

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

ASE35C4E-CAA

HFC-404A
 COPELAWELD®
 CAA 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)					2,160	2,410	2,690	2,990	3,300
C					779	830	882	936	990
P					8.5	8.9	9.4	9.8	10.3
A					64	73	82	92	104
M					2.8	2.9	3.1	3.2	3.4
E					45.0	44.4	43.9	43.3	42.4
%									
135.0 (377)					2,350	2,620	2,920	3,240	3,580
C					766	814	863	914	966
P					8.3	8.7	9.2	9.6	10.1
A					65	73	83	93	104
M					3.1	3.2	3.4	3.6	3.7
E					44.8	44.3	43.8	43.1	42.2
%									
130.0 (354)				2,270	2,530	2,820	3,150	3,500	3,870
C				709	753	798	845	893	944
P				7.8	8.2	8.6	9.0	9.5	9.9
A				59	66	74	84	94	105
M				3.2	3.4	3.6	3.8	3.9	4.1
E				45.3	44.6	44.2	43.6	42.9	42.0
%									
120.0 (310)			2,360	2,600	2,900	3,230	3,600	4,000	4,420
C			654	689	727	768	810	855	902
P			7.3	7.6	8.0	8.3	8.7	9.1	9.6
A			54	60	67	76	86	96	107
M			3.6	3.8	4.0	4.2	4.5	4.7	4.9
E			45.6	44.8	44.3	43.8	43.2	42.3	41.1
%									
115.0 (290)		2,310	2,510	2,770	3,080	3,430	3,830	4,250	4,700
C		616	647	679	715	753	793	837	882
P		7.0	7.3	7.5	7.8	8.2	8.6	9.0	9.4
A		50	55	61	68	77	86	97	109
M		3.8	3.9	4.1	4.3	4.6	4.8	5.1	5.3
E		46.6	45.2	44.5	43.9	43.4	42.7	41.8	40.5
%									
110.0 (270)	2,310	2,450	2,660	2,930	3,260	3,640	4,050	4,500	4,970
C	587	612	639	670	703	739	778	819	864
P	6.8	7.0	7.2	7.5	7.7	8.1	8.4	8.8	9.2
A	48	51	56	62	69	78	87	98	110
M	4.0	4.0	4.2	4.4	4.7	4.9	5.2	5.5	5.8
E	48.1	46.0	44.8	44.1	43.5	42.9	42.2	41.1	39.7
%									
105.0 (252)	2,440	2,590	2,810	3,100	3,440	3,840	4,270	4,740	5,230
C	585	607	632	660	691	725	762	803	847
P	6.8	7.0	7.1	7.4	7.6	7.9	8.3	8.7	9.1
A	48	52	57	63	70	79	88	99	110
M	4.2	4.3	4.5	4.7	5.0	5.3	5.6	5.9	6.2
E	47.3	45.4	44.2	43.5	43.0	42.3	41.4	40.2	38.7
%									
95.0 (218)	2,700	2,870	3,120	3,430	3,800	4,230	4,700	5,210	5,750
C	579	595	616	640	667	699	734	772	815
P	6.8	6.9	7.0	7.2	7.4	7.7	8.0	8.4	8.8
A	50	53	58	64	72	80	90	101	112
M	4.7	4.8	5.1	5.4	5.7	6.1	6.4	6.8	7.1
E	45.6	43.9	42.9	42.2	41.4	40.6	39.4	37.9	36.1
%									
90.0 (202)	2,830	3,010	3,270	3,590	3,980	4,420	4,910	5,440	6,000
C	575	589	607	630	656	686	720	759	801
P	6.8	6.9	7.0	7.1	7.3	7.6	7.9	8.2	8.6
A	50	54	59	65	72	81	91	101	113
M	5.0	5.1	5.4	5.7	6.1	6.5	6.8	7.2	7.5
E	44.7	43.1	42.1	41.3	40.4	39.4	38.1	36.5	34.4
%									

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