

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

ARE35C5E-IAA

HFC-134A
 COPELAWELD®
 IAA 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)						2,060	2,340	2,640	2,970	3,320	4,110
C						429	454	478	504	530	585
P						5.7	5.8	5.9	6.0	6.2	6.5
A						37	43	48	55	62	77
M						4.8	5.2	5.5	5.9	6.3	7.0
E						48.4	48.8	48.9	48.7	48.2	46.5
%											
130.0 (199)				1,730	1,970	2,240	2,540	2,860	3,210	3,590	4,420
C				376	397	420	443	467	491	516	566
P				5.5	5.5	5.6	5.7	5.8	5.9	6.0	6.3
A				29	33	38	43	49	55	62	78
M				4.6	5.0	5.3	5.7	6.1	6.5	7.0	7.8
E				45.9	46.5	46.9	47.0	46.8	46.3	45.6	43.3
%											
120.0 (171)	1,230	1,420	1,640	1,880	2,140	2,430	2,740	3,080	3,450	3,850	4,730
C	309	328	347	367	387	408	430	452	475	498	544
P	5.2	5.3	5.3	5.4	5.5	5.6	5.6	5.7	5.8	5.9	6.2
A	19	22	26	30	34	39	44	50	56	63	78
M	4.0	4.3	4.7	5.1	5.5	5.9	6.4	6.8	7.3	7.7	8.7
E	42.2	43.2	44.1	44.7	45.0	45.1	44.9	44.4	43.7	42.7	40.0
%											
110.0 (146)	1,340	1,540	1,770	2,020	2,300	2,600	2,940	3,300	3,690	4,100	5,030
C	302	319	338	356	376	395	415	436	456	477	519
P	5.2	5.3	5.3	5.4	5.4	5.5	5.6	5.7	5.8	5.9	6.1
A	20	23	26	30	35	39	44	50	56	63	78
M	4.4	4.8	5.2	5.7	6.1	6.6	7.1	7.6	8.1	8.6	9.7
E	41.4	42.2	42.7	43.1	43.2	43.0	42.6	41.8	40.9	39.6	36.3
%											
100.0 (124)	1,450	1,660	1,900	2,160	2,460	2,780	3,130	3,510	3,910	4,350	5,330
C	295	311	328	345	363	380	399	417	435	453	490
P	5.2	5.2	5.3	5.4	5.4	5.5	5.6	5.6	5.7	5.9	6.1
A	20	23	27	31	35	40	45	51	57	63	78
M	4.9	5.3	5.8	6.3	6.8	7.3	7.8	8.4	9.0	9.6	10.9
E	40.2	40.7	41.0	41.1	41.0	40.6	39.9	38.9	37.6	36.1	32.1
%											
90.0 (104)	1,550	1,780	2,030	2,310	2,610	2,950	3,310	3,710	4,130	4,590	
C	287	302	317	333	349	364	380	396	411	427	
P	5.2	5.2	5.3	5.3	5.4	5.5	5.6	5.6	5.7	5.9	
A	21	24	27	31	35	40	45	51	57	64	
M	5.4	5.9	6.4	6.9	7.5	8.1	8.7	9.4	10.0	10.8	
E	38.6	38.8	38.9	38.8	38.4	37.7	36.8	35.5	33.9	32.1	
%											

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