

Rating Conditions

40 °F Return Gas
 0 F Subcooling
 95 °F Ambient Air Over

60 Hz Operation

LOW TEMPERATURE

20°F Min - 30°F Max Superheat

AFE14C5E-IAA

HFO-448A
 COPELAWELD®
 IAA 115-1-60

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

	-25.0 (7)	-20.0 (10)	-15.0 (13)	-10.0 (16)	-5.0 (20)	0.0 (24)	5.0 (29)	10.0 (34)	15.0 (39)
140.0 (379)									
C					1,135	1,330	1,530	1,740	1,960
P					401	436	474	513	554
A					4.4	4.7	5.0	5.3	5.6
M					22	25	29	34	38
E					2.9	3.1	3.3	3.4	3.6
%					46.0	46.6	46.7	46.2	45.3
130.0 (331)									
C			970	1,145	1,335	1,535	1,745	1,970	2,210
P			329	359	390	423	457	492	530
A			3.9	4.1	4.3	4.6	4.8	5.1	5.4
M			17	20	23	27	31	35	40
E			3.0	3.2	3.4	3.7	3.8	4.0	4.2
%			46.5	47.6	48.1	48.1	47.6	46.9	45.8
120.0 (288)									
C	812	963	1,125	1,305	1,500	1,710	1,940	2,190	2,450
P	271	296	323	350	378	407	438	470	503
A	3.5	3.7	3.9	4.1	4.2	4.4	4.7	4.9	5.2
M	13	15	18	21	24	28	32	36	41
E	3.0	3.3	3.5	3.8	4.0	4.2	4.5	4.7	4.9
%	46.7	47.7	48.4	48.7	48.7	48.4	47.8	47.0	46.0
110.0 (249)									
C	942	1,090	1,255	1,440	1,645	1,875	2,120	2,400	2,690
P	267	290	314	339	364	390	418	446	476
A	3.6	3.7	3.8	4.0	4.1	4.3	4.5	4.7	5.0
M	14	16	19	22	25	29	33	37	42
E	3.6	3.8	4.0	4.3	4.5	4.8	5.1	5.4	5.7
%	48.6	48.7	48.7	48.6	48.5	48.1	47.6	46.8	45.8
105.0 (231)									
C	997	1,145	1,315	1,505	1,715	1,955	2,220	2,500	2,820
P	264	287	309	333	357	382	407	434	463
A	3.6	3.7	3.8	3.9	4.1	4.3	4.4	4.7	4.9
M	15	17	19	22	25	29	33	37	42
E	3.8	4.0	4.3	4.5	4.8	5.1	5.5	5.8	6.1
%	48.9	48.6	48.5	48.4	48.2	47.9	47.4	46.6	45.7
100.0 (214)									
C	1,045	1,195	1,370	1,565	1,790	2,040	2,310	2,610	2,950
P	261	283	304	327	349	373	397	422	449
A	3.5	3.6	3.8	3.9	4.0	4.2	4.4	4.6	4.8
M	15	17	20	22	26	29	33	38	43
E	4.0	4.3	4.5	4.8	5.1	5.5	5.8	6.2	6.6
%	48.8	48.4	48.2	48.0	47.9	47.6	47.1	46.4	45.5
90.0 (183)									
C	1,140	1,295	1,480	1,695	1,935	2,210	2,520	2,860	3,230
P	255	274	294	314	334	355	376	398	421
A	3.4	3.5	3.6	3.7	3.8	4.0	4.2	4.4	4.6
M	15	17	20	23	26	30	34	39	45
E	4.5	4.7	5.1	5.4	5.8	6.3	6.7	7.2	7.7
%	48.2	47.5	47.3	47.2	47.1	46.9	46.6	46.0	45.0
80.0 (155)									
C	1,235	1,400	1,600	1,835	2,110	2,410	2,750	3,130	3,550
P	248	266	284	301	319	337	355	374	394
A	3.2	3.3	3.3	3.4	3.6	3.7	3.9	4.1	4.4
M	16	18	21	24	27	31	36	41	47
E	5.0	5.3	5.7	6.1	6.6	7.2	7.8	8.4	9.0
%	47.2	46.6	46.3	46.3	46.3	46.2	45.9	45.3	44.3
70.0 (130)									
C	1,345	1,525	1,750	2,010	2,310	2,650	3,030	3,460	3,930
P	241	257	273	289	304	320	335	351	367
A	2.8	2.9	3.0	3.1	3.2	3.4	3.6	3.8	4.1
M	16	19	21	25	28	33	38	43	49
E	5.6	6.0	6.4	7.0	7.6	8.3	9.1	9.9	10.7
%	46.3	45.7	45.5	45.5	45.5	45.4	45.0	44.2	43.0

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