

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

AFE11C4E-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 P A M E %					778 308 4.5 15 2.6 40.9	929 334 4.7 18 2.8 42.6	1,090 360 4.9 21 3.0 43.7	1,255 386 5.0 24 3.3 44.3	1,430 411 5.2 28 3.5 44.6
130.0 (331)	C P A M E %			657 258 4.2 11 2.6 40.2	789 281 4.3 14 2.8 41.8	933 304 4.4 16 3.1 43.1	1,090 328 4.6 19 3.3 44.0	1,255 351 4.8 22 3.6 44.6	1,435 373 4.9 25 3.9 44.9	1,620 395 5.1 29 4.1 45.0
120.0 (288)	C P A M E %	553 218 3.9 9 2.6 39.5	654 237 4.0 11 2.8 40.6	771 256 4.1 12 3.0 41.7	905 277 4.3 15 3.3 42.7	1,055 297 4.4 17 3.6 43.5	1,220 318 4.5 20 3.9 44.2	1,400 338 4.7 23 4.2 44.6	1,590 359 4.8 26 4.5 44.8	1,795 378 5.0 30 4.8 44.8
110.0 (249)	C P A M E %	637 217 3.9 10 3.0 40.4	739 234 4.0 11 3.2 41.0	861 251 4.1 13 3.5 41.7	1,000 269 4.2 15 3.7 42.5	1,160 288 4.3 18 4.1 43.3	1,340 306 4.5 20 4.4 43.8	1,535 325 4.6 24 4.7 44.2	1,745 343 4.7 27 5.1 44.3	1,970 361 4.9 31 5.5 44.2
105.0 (231)	C P A M E %	672 216 3.9 10 3.1 40.3	776 231 4.0 11 3.4 40.8	901 248 4.1 13 3.7 41.6	1,045 265 4.2 15 4.0 42.3	1,215 282 4.3 18 4.3 43.0	1,400 300 4.4 21 4.7 43.6	1,600 318 4.5 24 5.1 43.9	1,825 336 4.7 27 5.5 44.0	2,060 353 4.8 31 5.9 43.9
100.0 (214)	C P A M E %	704 213 3.9 10 3.3 40.2	811 228 4.0 12 3.6 40.7	941 244 4.1 13 3.9 41.4	1,095 260 4.2 16 4.2 42.2	1,265 277 4.3 18 4.6 42.8	1,460 294 4.4 21 5.0 43.3	1,675 311 4.5 24 5.4 43.6	1,910 328 4.6 28 5.8 43.6	2,160 345 4.8 32 6.3 43.4
90.0 (183)	C P A M E %	771 207 3.8 10 3.7 40.1	887 220 3.9 12 4.1 40.6	1,030 235 4.0 14 4.4 41.2	1,200 250 4.1 16 4.8 41.9	1,390 266 4.2 19 5.3 42.5	1,605 282 4.3 22 5.7 42.9	1,845 299 4.4 25 6.2 43.0	2,110 315 4.5 29 6.7 42.8	2,390 331 4.7 33 7.2 42.4
80.0 (155)	C P A M E %	853 200 3.8 11 4.3 40.6	984 212 3.9 13 4.7 40.9	1,145 226 4.0 15 5.1 41.5	1,330 241 4.1 17 5.6 42.0	1,545 256 4.2 20 6.1 42.3	1,785 272 4.3 23 6.6 42.4	2,050 288 4.4 27 7.1 42.2	2,350 305 4.5 31 7.7 41.7	2,660 321 4.6 35 8.3 40.8
70.0 (130)	C P A M E %	968 192 3.8 12 5.1 41.8	1,115 205 3.9 14 5.5 42.0	1,295 218 4.0 16 6.0 42.2	1,510 233 4.0 19 6.5 42.3	1,750 249 4.1 22 7.1 42.2	2,020 265 4.2 25 7.7 41.7	2,320 282 4.3 29 8.3 41.0	2,650 298 4.4 33 8.9 39.9	3,010 315 4.5 38 9.6 38.4

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