

### Rating Conditions

65 °F Return Gas  
 0 F Subcooling  
 95 °F Ambient Air Over

60 Hz Operation

### LOW TEMPERATURE

**KAA2-007A-IAA**

COPELAMETIC® HCFC-502

COMPRESSOR

IAA 115-1-60

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

		-40.0 (4)	-35.0 (6)	-30.0 (9)	-25.0 (12)	-20.0 (15)	-15.0 (18)	-10.0 (22)	-5.0 (26)
130.0 (319)	C	1,690	2,310	2,920	3,590	4,340	5,230	6,280	7,540
	P	888	981	1,090	1,210	1,340	1,490	1,640	1,800
	A	10.6	11.0	11.4	12.0	12.6	13.3	14.1	14.9
	M	39	54	68	84	102	123	148	179
	E	1.9	2.4	2.7	3.0	3.2	3.5	3.8	4.2
	%	38.8	45.3	49.1	51.4	53.1	54.6	56.3	58.3
120.0 (281)	C	2,040	2,700	3,370	4,080	4,880	5,810	6,900	8,200
	P	872	965	1,070	1,200	1,330	1,470	1,630	1,790
	A	10.5	10.9	11.3	11.9	12.5	13.2	14.0	14.8
	M	44	58	73	89	106	127	151	180
	E	2.3	2.8	3.1	3.4	3.7	3.9	4.2	4.6
	%	42.1	47.7	50.7	52.1	53.0	53.7	54.5	55.6
110.0 (246)	C	2,380	3,090	3,810	4,560	5,400	6,360	7,490	8,820
	P	854	947	1,060	1,180	1,310	1,460	1,610	1,770
	A	10.5	10.8	11.2	11.8	12.4	13.1	13.8	14.7
	M	48	63	77	93	110	130	153	181
	E	2.8	3.3	3.6	3.9	4.1	4.4	4.6	5.0
	%	44.7	49.5	51.6	52.3	52.4	52.3	52.4	52.7
105.0 (230)	C	2,570	3,300	4,030	4,800	5,660	6,640	7,780	9,130
	P	844	937	1,050	1,170	1,300	1,450	1,600	1,760
	A	10.4	10.8	11.2	11.7	12.3	13.0	13.8	14.6
	M	50	65	79	95	112	131	154	182
	E	3.0	3.5	3.9	4.1	4.3	4.6	4.9	5.2
	%	45.9	50.2	51.9	52.2	51.9	51.5	51.2	51.2
100.0 (214)	C	2,760	3,510	4,260	5,050	5,920	6,920	8,080	9,440
	P	836	928	1,040	1,160	1,290	1,440	1,590	1,760
	A	10.4	10.7	11.1	11.6	12.3	12.9	13.7	14.6
	M	52	67	81	97	114	133	156	182
	E	3.3	3.8	4.1	4.4	4.6	4.8	5.1	5.4
	%	47.1	50.9	52.2	52.1	51.4	50.7	50.0	49.6
90.0 (185)	C	3,190	3,980	4,760	5,580	6,490	7,510	8,690	10,100
	P	820	912	1,020	1,140	1,280	1,420	1,580	1,740
	A	10.4	10.6	11.0	11.5	12.1	12.8	13.6	14.5
	M	57	72	86	101	118	136	158	184
	E	3.9	4.4	4.7	4.9	5.1	5.3	5.5	5.8
	%	49.5	52.2	52.5	51.6	50.2	48.7	47.4	46.4

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