

### Rating Conditions

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

60 Hz Operation

### LOW TEMPERATURE

**KAKB-021A-CAV**

COPELAMETIC® HCFC-22

COMPRESSOR

CAV 208/230-1-60

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

		-40.0 (1)	-35.0 (3)	-30.0 (5)	-25.0 (7)	-20.0 (10)	-15.0 (13)	-10.0 (17)	-5.0 (20)	0.0 (24)
130.0 (297)	C	1,550	1,990	2,450	2,950	3,520	4,150	4,880	5,720	6,670
	P	885	960	1,040	1,110	1,190	1,270	1,360	1,450	1,540
	A	5.3	5.5	5.8	6.1	6.4	6.7	7.0	7.3	7.7
	M	23	30	37	44	53	63	74	87	102
	E	1.8	2.1	2.4	2.7	3.0	3.3	3.6	4.0	4.3
	%	33.5	37.5	40.6	43.1	45.4	47.4	49.3	51.1	52.8
120.0 (260)	C	1,860	2,330	2,830	3,380	3,990	4,680	5,470	6,370	7,390
	P	903	973	1,040	1,110	1,180	1,260	1,330	1,410	1,500
	A	5.3	5.5	5.8	6.0	6.3	6.6	6.9	7.2	7.5
	M	27	33	40	48	57	67	79	92	107
	E	2.1	2.4	2.7	3.0	3.4	3.7	4.1	4.5	4.9
	%	35.8	39.3	42.1	44.4	46.5	48.4	50.2	51.9	53.4
110.0 (226)	C	2,180	2,680	3,220	3,810	4,470	5,220	6,070	7,030	8,130
	P	910	974	1,040	1,100	1,170	1,230	1,300	1,370	1,450
	A	5.3	5.5	5.8	6.0	6.2	6.5	6.7	7.0	7.3
	M	30	37	44	52	61	72	83	97	112
	E	2.4	2.8	3.1	3.5	3.8	4.2	4.7	5.1	5.6
	%	37.6	40.7	43.3	45.5	47.5	49.3	50.9	52.4	53.8
105.0 (211)	C	2,340	2,850	3,410	4,030	4,710	5,490	6,370	7,360	8,500
	P	910	972	1,030	1,090	1,150	1,220	1,280	1,350	1,420
	A	5.3	5.5	5.7	5.9	6.2	6.4	6.7	6.9	7.1
	M	31	38	46	54	63	74	86	99	115
	E	2.6	2.9	3.3	3.7	4.1	4.5	5.0	5.5	6.0
	%	38.3	41.3	43.8	45.9	47.8	49.5	51.1	52.6	53.9
100.0 (196)	C	2,490	3,030	3,610	4,240	4,960	5,760	6,670	7,700	8,870
	P	908	968	1,030	1,080	1,140	1,200	1,260	1,320	1,390
	A	5.3	5.5	5.7	5.9	6.1	6.3	6.6	6.8	7.0
	M	33	40	47	56	65	76	88	102	117
	E	2.7	3.1	3.5	3.9	4.3	4.8	5.3	5.8	6.4
	%	38.9	41.8	44.1	46.2	48.0	49.7	51.3	52.6	53.8
90.0 (168)	C	2,790	3,370	3,990	4,670	5,440	6,300	7,270	8,370	9,620
	P	902	957	1,010	1,060	1,110	1,170	1,220	1,270	1,330
	A	5.3	5.5	5.6	5.8	6.0	6.2	6.4	6.6	6.8
	M	35	42	50	59	69	80	92	106	122
	E	3.1	3.5	3.9	4.4	4.9	5.4	6.0	6.6	7.2
	%	39.6	42.2	44.4	46.4	48.1	49.7	51.1	52.3	53.2
80.0 (144)	C	3,080	3,690	4,360	5,090	5,910	6,830	7,870	9,040	10,400
	P	894	945	993	1,040	1,090	1,130	1,180	1,220	1,270
	A	5.3	5.4	5.6	5.7	5.9	6.1	6.3	6.4	6.6
	M	37	45	53	62	72	83	96	110	127
	E	3.4	3.9	4.4	4.9	5.4	6.0	6.7	7.4	8.1
	%	39.6	42.0	44.1	45.9	47.5	48.9	50.1	51.2	51.9
70.0 (121)	C	3,350	4,000	4,710	5,500	6,370	7,350	8,460	9,700	11,100
	P	888	934	978	1,020	1,060	1,100	1,140	1,180	1,220
	A	5.2	5.4	5.5	5.7	5.8	6.0	6.1	6.3	6.4
	M	39	47	55	64	75	86	99	114	131
	E	3.8	4.3	4.8	5.4	6.0	6.7	7.4	8.2	9.1
	%	38.8	41.0	42.9	44.6	46.0	47.3	48.3	49.1	49.5

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 @ 230 V