

Rating Conditions

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

60 Hz Operation

MEDIUM TEMPERATURE

KAGB-007A-CAV

COPELAMETIC® CFC-12
 COMPRESSOR
 CAV 208/230-1-60

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

		-5.0 (7)	0.0 (9)	5.0 (12)	10.0 (15)	15.0 (18)	20.0 (21)	25.0 (25)
140.0 (206)	C	2,200	2,650	3,110	3,580	4,110	4,690	5,370
	P	673	728	785	841	894	943	987
	A	3.9	4.0	4.2	4.3	4.5	4.7	4.9
	M	48	58	68	79	91	104	120
	E	3.3	3.6	4.0	4.3	4.6	5.0	5.4
	%	45.3	47.6	48.9	49.7	50.4	51.4	52.9
130.0 (181)	C	2,640	3,150	3,660	4,200	4,790	5,450	6,200
	P	589	639	690	740	788	831	869
	A	3.8	3.9	4.1	4.2	4.4	4.5	4.7
	M	55	66	76	88	100	114	131
	E	4.5	4.9	5.3	5.7	6.1	6.6	7.1
	%	55.4	57.4	58.2	58.6	58.9	59.5	60.6
120.0 (157)	C	3,010	3,570	4,140	4,730	5,380	6,100	6,920
	P	565	610	655	700	742	780	812
	A	3.8	3.9	4.0	4.2	4.3	4.4	4.6
	M	59	70	82	94	107	122	138
	E	5.3	5.9	6.3	6.8	7.2	7.8	8.5
	%	58.6	60.6	61.3	61.5	61.7	62.2	63.1
110.0 (136)	C	3,340	3,940	4,560	5,210	5,910	6,690	7,570
	P	570	610	651	690	727	759	786
	A	3.8	3.9	4.0	4.1	4.2	4.3	4.4
	M	63	74	86	98	112	127	144
	E	5.9	6.5	7.0	7.5	8.1	8.8	9.6
	%	57.2	59.2	60.0	60.3	60.5	60.9	61.7
100.0 (117)	C	3,660	4,310	4,970	5,660	6,420	7,250	8,180
	P	576	611	646	681	712	739	760
	A	3.8	3.9	4.0	4.1	4.1	4.2	4.3
	M	66	77	89	102	116	131	149
	E	6.4	7.1	7.7	8.3	9.0	9.8	10.8
	%	55.0	56.9	57.8	58.1	58.2	58.4	59.0
90.0 (100)	C	4,020	4,700	5,400	6,140	6,940	7,820	8,800
	P	551	581	611	641	667	689	704
	A	3.7	3.8	3.9	4.0	4.1	4.1	4.1
	M	69	81	93	106	120	136	153
	E	7.3	8.1	8.8	9.6	10.4	11.3	12.5
	%	55.5	57.1	57.7	57.7	57.6	57.5	57.7
80.0 (84)	C	4,440	5,150	5,890	6,670	7,510	8,430	9,460
	P	465	490	516	541	562	579	589
	A	3.6	3.7	3.8	3.9	3.9	3.9	3.9
	M	73	85	98	111	125	141	158
	E	9.5	10.5	11.4	12.3	13.4	14.6	16.1
	%	63.3	64.2	64.1	63.3	62.4	61.6	61.1
70.0 (70)	C	4,960	5,710	6,470	7,280	8,160	9,120	10,200
	P	288	309	330	350	367	379	384
	A	3.5	3.6	3.6	3.7	3.7	3.7	3.7
	M	79	91	103	116	131	146	164
	E	17.2	18.5	19.6	20.8	22.2	24.1	26.6
	%	98.4	96.4	93.1	89.4	85.9	83.0	80.7

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