

Rating Conditions

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

60 Hz Operation

LOW TEMPERATURE

KATB-010A-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)

		-40.0 (-5)	-35.0 (-4)	-30.0 (-3)	-25.0 (-1)	-20.0 (1)	-15.0 (2)	-10.0 (5)	-5.0 (7)	0.0 (9)
130.0 (181)	C	1,820	2,270	2,760	3,300	3,900	4,580	5,340	6,190	7,160
	P	722	811	906	1,010	1,120	1,240	1,380	1,530	1,700
	A	3.6	3.8	4.0	4.3	4.6	5.0	5.5	6.0	6.7
	M	37	47	57	68	81	95	110	128	149
	E	2.5	2.8	3.0	3.3	3.5	3.7	3.9	4.0	4.2
	%	45.5	47.9	49.5	50.4	50.8	50.8	50.5	49.9	49.0
120.0 (157)	C	2,090	2,570	3,090	3,670	4,320	5,040	5,850	6,770	7,790
	P	734	816	902	994	1,090	1,210	1,330	1,470	1,620
	A	3.7	3.8	4.0	4.2	4.5	4.9	5.3	5.8	6.4
	M	41	50	60	72	85	99	115	133	154
	E	2.8	3.2	3.4	3.7	3.9	4.2	4.4	4.6	4.8
	%	46.6	48.9	50.4	51.3	51.7	51.8	51.4	50.8	49.8
110.0 (136)	C	2,360	2,870	3,430	4,040	4,730	5,500	6,370	7,340	8,430
	P	745	819	896	979	1,070	1,170	1,280	1,400	1,540
	A	3.7	3.8	4.0	4.2	4.4	4.7	5.1	5.5	6.1
	M	44	53	64	75	88	103	119	138	158
	E	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.2	5.5
	%	47.0	49.1	50.6	51.6	52.1	52.2	51.9	51.2	50.2
105.0 (126)	C	2,500	3,020	3,600	4,230	4,940	5,740	6,630	7,630	8,750
	P	750	820	894	972	1,060	1,150	1,250	1,370	1,500
	A	3.7	3.8	4.0	4.2	4.4	4.7	5.0	5.4	5.9
	M	45	55	65	77	90	105	121	140	161
	E	3.3	3.7	4.0	4.4	4.7	5.0	5.3	5.6	5.8
	%	46.9	49.0	50.5	51.5	52.1	52.2	51.9	51.2	50.2
100.0 (117)	C	2,630	3,170	3,760	4,420	5,150	5,970	6,890	7,920	9,070
	P	755	822	891	965	1,040	1,130	1,230	1,340	1,460
	A	3.7	3.8	4.0	4.1	4.3	4.6	4.9	5.3	5.8
	M	47	56	67	79	92	107	123	142	163
	E	3.5	3.9	4.2	4.6	4.9	5.3	5.6	5.9	6.2
	%	46.7	48.8	50.3	51.3	51.9	52.1	51.8	51.2	50.1
90.0 (100)	C	2,910	3,480	4,110	4,800	5,580	6,450	7,420	8,510	9,720
	P	764	825	887	951	1,020	1,100	1,180	1,280	1,390
	A	3.8	3.9	4.0	4.1	4.3	4.5	4.8	5.1	5.5
	M	50	59	70	82	95	111	127	146	167
	E	3.8	4.2	4.6	5.0	5.5	5.9	6.3	6.7	7.0
	%	46.0	47.9	49.4	50.5	51.2	51.5	51.3	50.6	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