

### Rating Conditions

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

60 Hz Operation

### HIGH TEMPERATURE

### KANB-007E-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)

		0.0 (24)	5.0 (28)	10.0 (33)	15.0 (38)	20.0 (43)	25.0 (49)	30.0 (55)	35.0 (62)	45.0 (76)	55.0 (93)
140.0 (337)	C	2,280	2,740	3,240	3,780	4,360	5,000	5,690	6,430	8,090	9,990
	P	599	646	695	744	792	838	881	920	983	1,020
	A	3.5	3.7	3.9	4.1	4.3	4.4	4.6	4.8	5.0	5.2
	M	37	44	52	61	71	82	94	107	136	171
	E	3.8	4.2	4.7	5.1	5.5	6.0	6.5	7.0	8.2	9.8
	%	52.2	54.8	56.7	58.2	59.4	60.3	61.1	61.7	63.0	64.5
130.0 (297)	C	2,700	3,180	3,710	4,290	4,920	5,610	6,350	7,160	8,960	11,000
	P	603	645	688	731	772	811	847	879	926	943
	A	3.4	3.6	3.8	4.0	4.2	4.3	4.5	4.6	4.8	4.9
	M	41	49	57	66	76	87	99	112	142	178
	E	4.5	4.9	5.4	5.9	6.4	6.9	7.5	8.1	9.7	11.7
	%	54.5	56.5	58.0	59.2	60.2	61.0	61.7	62.3	63.5	64.9
120.0 (260)	C	3,080	3,590	4,150	4,770	5,450	6,190	7,000	7,870	9,840	12,100
	P	598	634	671	708	743	775	804	829	859	859
	A	3.4	3.6	3.8	3.9	4.1	4.2	4.3	4.4	4.5	4.6
	M	45	52	61	70	80	91	104	117	148	185
	E	5.2	5.7	6.2	6.7	7.3	8.0	8.7	9.5	11.4	14.1
	%	55.7	57.4	58.7	59.7	60.6	61.3	61.9	62.5	63.6	65.0
110.0 (226)	C	3,440	3,980	4,580	5,250	5,980	6,780	7,650	8,600	10,700	13,200
	P	584	616	647	678	707	733	755	772	787	769
	A	3.3	3.5	3.7	3.8	3.9	4.0	4.1	4.2	4.2	4.2
	M	48	55	64	73	84	95	108	122	154	192
	E	5.9	6.5	7.1	7.7	8.5	9.3	10.1	11.1	13.6	17.1
	%	56.3	57.8	58.9	59.9	60.7	61.3	61.9	62.4	63.4	64.5
100.0 (196)	C	3,800	4,370	5,020	5,730	6,520	7,390	8,330	9,350	11,700	14,300
	P	565	592	618	643	666	686	701	711	710	676
	A	3.3	3.4	3.6	3.7	3.8	3.9	3.9	3.9	3.9	3.8
	M	50	58	67	77	87	99	113	127	160	199
	E	6.7	7.4	8.1	8.9	9.8	10.8	11.9	13.2	16.4	21.2
	%	56.6	57.9	58.9	59.8	60.5	61.0	61.5	61.9	62.5	63.1
90.0 (168)	C	4,170	4,790	5,480	6,250	7,100	8,030	9,050	10,200	12,600	15,500
	P	544	565	587	606	623	636	645	648	632	581
	A	3.2	3.3	3.4	3.5	3.6	3.7	3.7	3.7	3.6	3.4
	M	53	61	70	80	91	104	117	132	166	207
	E	7.7	8.5	9.3	10.3	11.4	12.6	14.0	15.7	20.0	26.7
	%	56.5	57.6	58.5	59.3	59.8	60.2	60.4	60.5	60.5	60.0
80.0 (144)	C	4,580	5,250	5,990	6,820	7,730	8,740	9,830	11,000	13,700	16,800
	P	521	539	555	569	580	587	589	585	555	488
	A	3.1	3.3	3.4	3.4	3.5	3.5	3.5	3.5	3.3	3.0
	M	56	64	74	84	96	109	123	138	173	215
	E	8.8	9.7	10.8	12.0	13.3	14.9	16.7	18.8	24.7	34.4
	%	56.0	56.9	57.6	58.1	58.3	58.4	58.2	57.9	56.5	53.8
70.0 (121)	C	5,050	5,760	6,560	7,450	8,440	9,520	10,700	12,000	14,800	18,100
	P	501	514	525	534	540	541	537	526	481	398
	A	3.1	3.2	3.3	3.3	3.4	3.4	3.3	3.2	3.0	2.6
	M	60	68	78	89	101	114	129	145	181	224
	E	10.1	11.2	12.5	13.9	15.6	17.6	19.9	22.7	30.8	45.5
	%	54.8	55.4	55.7	55.8	55.6	55.1	54.3	53.1	49.2	41.7

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