Rating Conditions

65 °F Return Gas

0 F Subcooling

95 °F Ambient Air Over

60 Hz Operation

EXTRA LOW TEMPERATURE

HFCs Require Use of Polyol Ester Lubricant Approved on Form 93-11

Note: CPR Valve Required

KAJB-007E-IAA

COPELAMETIC® HFC-404A

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 (7)	-30.0 (10)	-25.0 (13)	-20.0 (16)
130.0 (354)	C	1,100	1,470	1,860	2,280	2,760
	P	626	726	838	963	1,100
	A	9.0	9.6	10.5	11.5	12.7
	M	24	32	41	50	61
	E	1.8	2.0	2.2	2.4	2.5
	%	38.5	41.9	43.6	44.2	44.3
120.0 (310)	C	1,520	1,940	2,390	2,880	3,440
	P	695	791	896	1,010	1,140
	A	9.5	10.2	11.0	12.0	13.1
	M	30	39	48	58	69
	E	2.2	2.5	2.7	2.8	3.0
	%	41.6	44.2	45.4	45.8	45.9
110.0 (270)	C	1,910	2,370	2,880	3,440	4,080
	P	739	828	927	1,040	1,160
	A	9.9	10.5	11.2	12.2	13.2
	M	35	44	53	64	76
	E	2.6	2.9	3.1	3.3	3.5
	%	43.2	45.2	46.3	46.7	46.8
105.0 (252)	C	2,100	2,590	3,120	3,720	4,400
	P	753	840	935	1,040	1,150
	A	9.9	10.6	11.3	12.2	13.2
	M	37	46	55	66	78
	E	2.8	3.1	3.3	3.6	3.8
	%	43.7	45.6	46.6	47.1	47.2
100.0 (235)	C	2,290	2,800	3,360	3,990	4,710
	P	763	847	939	1,040	1,150
	A	10.0	10.6	11.3	12.2	13.2
	M	39	48	58	69	81
	E	3.0	3.3	3.6	3.8	4.1
	%	44.2	46.0	46.9	47.4	47.5
90.0 (202)	C	2,700	3,250	3,870	4,570	5,360
	P	777	855	938	1,030	1,130
	A	10.1	10.6	11.3	12.1	13.0
	M	43	52	62	74	87
	E	3.5	3.8	4.1	4.4	4.7
	%	45.2	46.6	47.5	47.9	48.1
80.0 (173)	C	3,150	3,750	4,420	5,180	6,050
	P	788	858	934	1,020	1,100
	A	10.1	10.7	11.3	12.0	12.8
	M	48	57	67	79	92
	E	4.0	4.4	4.7	5.1	5.5
	%	46.0	47.2	47.9	48.3	48.4
70.0 (147)	C	3,670	4,310	5,040	5,870	6,820
	P	803	866	933	1,000	1,080
	A	10.3	10.8	11.3	12.0	12.6
	M	53	62	73	85	98
	E	4.6	5.0	5.4	5.8	6.3
	%	46.5	47.4	47.9	48.2	48.2

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