



HOSHIZAKI AMERICA, INC.

SERVICE BULLETIN

SB98-0009

September 18, 1998

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Subject: Technical information for KM-1300SAF/SRF Cuber

The following technical information applies to the new KM-1300SAF & KM-1300SRF cubers.

Voltage Requirements - 208-230 / 60 / 1 (3 wire with neutral for 115 V)

Ice production / cycle - 30.1 lbs. 1440 pcs.

Maximum Circuit Amps - 20A

Amperage - Air 12.6A
Remote 14.5 A

Refrigerant Charge - Air **R-404A**, 3 lbs. 14 oz. (1750g.)
Remote **R-404A**, Unit 9 lbs. 4 oz.
Cond. 2 lbs. 3 oz.
Total 11 lbs. 7 oz. (5200g.)

Compressor Data - Copeland CS14K6E-PFV Capacity (BTU) 11,800
RLA - 12.5 LRA - 58
SWR- 2.455~2.825 ohms RWR- 1.302~1.498 ohms
Oil Charge - 43 FL. oz.
Type - Mobil EAL Arctic 22CC (POE)

Control Board Settings (dip switch) : **SAF & SRF** -
OFF ~ 1, 2, 7, & 8 **ON** ~ 3, 4, 5, & 6

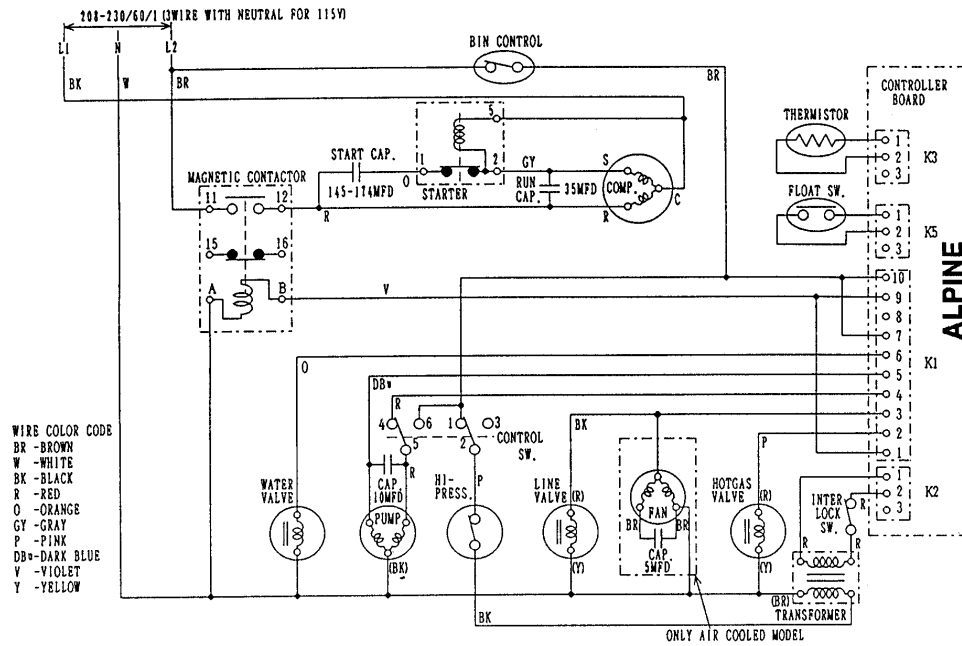
Performance Data KM-1300SAF:

Ambient Temp (F°)		70	80	90	100
	Water Temp.	Air	Air	Air	Air
Production 24 hours	50	1283	1249	1238	1203
	70	1238	1178	1129	1101
	90	1135	1053	1011	902
Cycle Time Freeze	50	30	32	32	33
	70	32	35	37	38
	90	36	39	41	44
Cycle Time Harvest	50	4.5	4	4	4
	70	4	3	2.2	2
	90	4	3	2	2
Pressure High Side	50	255	268	273	277
	70	273	296	315	320
	90	296	318	338	360
Pressure Low Side	50	45	46	47	47
	70	47	49	51	51
	90	49	51	53	55

Performance Data KM-1300SRF:

Ambient Temp (F°)		70	80	90	100
	Water Temp.	Air	Air	Air	Air
Production 24 hours	50	1296	1260	1248	1230
	70	1248	1185	1133	1114
	90	1173	1105	1053	980
Cycle Time Freeze	50	29	30	30	31
	70	30	31	32	33
	90	33	35	36	40
Cycle Time Harvest	50	5	4	4	4
	70	4	3	2.2	2
	90	4	3	2	2
Pressure High Side	50	220	229	232	235
	70	232	247	260	264
	90	247	262	276	290
Pressure Low Side	50	45	46	47	47
	70	46	48	50	51
	90	49	51	53	55

WIRING DIAGRAM KM-1300SAF



WIRING DIAGRAM KM-1300SRF

