



HOSHIZAKI AMERICA, INC.

SERVICE BULLETIN

SB98-0012

December 4, 1998

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Subject: Technical information for KM-2000SWF3/SRF3 Cuber

The following technical information applies as follows:

Voltage Requirements - 208-230 / 60 / 3

Ice production / cycle – 46.3 lbs. 2160 pcs.

Maximum Circuit Amps - 20A

Amperage - Water - 9 A Remote - 12A

Refrigerant Charge - Water **R-404A**, 3 lbs. 7 oz. (1550g.)
 Remote **R-404A**, Unit 8 lbs. 7 oz.
 Cond. 7 lbs. 11 oz.
 Total 16 lbs. 2 oz. (7300g.)

Compressor Data - Copeland CS20K6E-TF5-279 Capacity (BTU) 19,760
 RLA – 11.4A LRA – 75A
 Winding resistance @ 25°C / 77°F
 Line to line – 0.984~1.132 ohms
 Oil Charge – 45 fl. oz. / 1331 cc.
 Type - Mobil EAL Arctic 22CC (POE)

Control Board Settings (dip switch) :

SWF3 & SRF3 - OFF ~ 1, 2, 7, & 8 ON ~ 3, 4, 5, & 6

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Ambient Temp (F°)		70	80	90	100
	Water Temp.	Water	Water	Water	Water
Production 24 hours	50	1907	1901	1899	1863
	70	1899	1887	1878	1856
	90	1826	1781	1784	1698
Cycle Time Evaporator	50	29	29	30	30
	70	30	30	31	31
	90	31	33	33	35
Cycle Time Harvest	50	4.5	4.2	4.1	4.1
	70	4.1	3.5	3.0	2.9
	90	3.7	3.3	2.7	2.5
Pressure High Side	50	265	266	266	271
	70	266	268	270	273
	90	277	283	283	295
Pressure Low Side	50	46	46	47	47
	70	47	47	48	48
	90	48	48	49	50

Performance Data KM-2000SRF3:

Ambient Temp (F°)		70	80	90	100
	Water Temp.	Remote	Remote	Remote	Remote
Production 24 hours	50	1865	1832	1821	1801
	70	1821	1764	1716	1697
	90	1746	1679	1634	1558
Cycle Time Evaporator	50	30	31	31	32
	70	31	33	34	34
	90	33	35	36	38
Cycle Time Harvest	50	5	5	4	4
	70	4	4	3	3
	90	4	3	2	2
Pressure High Side	50	233	241	243	249
	70	243	257	268	273
	90	263	280	290	310
Pressure Low Side	50	45	45	46	46
	70	46	46	47	47
	90	47	48	49	50

Wiring diagram for KM-2000SWF3 & SRF3

