



HOSHIZAKI AMERICA, INC.

SERVICE BULLETIN

SB98-0015

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**Subject: TECHNICAL INFORMATION FOR F-800MAF/MWF
FLAKER**

The following technical information applies to the new F-800M_F series.

Unit Size - 25 1/4" high x 27 3/8" x deep x 22" wide

Drain System - Solenoid drain valve operates by timer for periodic flush and manual switch for service.

Voltage Requirements – 115-120 / 60 / 1

Maximum Circuit Amps - 20A (Recommend separate circuit)

Amperage - Compressor - 9.2A
Gear motor - 1.6A
Fan motor - 0.85A
Other - 0.03A

Gear Motor Protection - Manual reset circuit breaker or 1.5A Fuse and secondary auto reset thermal overload in motor windings.

Refrigerant Type - R-404A

Refrigerant Charge - MAF 1 lb. 10 oz. (750g.)
MWF 13 oz. (365g.)

Compressor Data - Copeland RS55-CIE-PAA Capacity (BTU) 5340
RLA - 9.5A LRA - 60A

Resistance @ 25°C SWR- 4.464 ~ 5.136 ohms RWR- 0.512 ~ 0.59 ohms
Oil Charge - 24 FL. oz. (710cc)
Oil Type - Mobil EAL Arctic 22CC (POE)

Performance Data F-800M_F:

Ambient Temp (F°)		70		80		90		100	
	Water Temp.	Air	Water	Air	Water	Air	Water	Air	Water
Production 24 hours	50	800	720	710	670 630	640	560	605	
	70	765	695	680	660 615	625	540	595	
	90	735	680	655	650 585	620	505	555	
Evaporator outlet	50	17	21	19	22	21	21	22	23
	70	18	22	21 22	20	22	23	23	
	90	18	21	20	22	21	22	22	22
Pressure High Side	50	223	265	270	267	286 266	315	267	
	70	239	267	287	266	287	266	325	269
	90	255	266	287 265	306	265	325	268	
Pressure Low Side	50	35	37	39	38	41	38	44	39
	70	37	37	41	37	41	38	45	39
	90	38	37	41 38	43	38	45	39	

Wiring Diagram F-800M_F:

