



HOSHIZAKI AMERICA, INC.

SERVICE BULLETIN

SB99-0004

May 17, 1999

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Subject: TECHNICAL INFORMATION FOR DCM-750BAF & BWF CUBELET DISPENSER.

The following technical information applies to the new DCM-750B_F series.

Unit Size – 34-1/16" wide x 28-1/2" x deep x 48-1/16" high

Drain System - Solenoid drain valve operates by 12 hour mechanical timer for periodic flush and manual switch for service.

Voltage Requirements - 115 / 60 / 1

Maximum Circuit Amps – 20A (Recommend separate circuit)

Amperage - Compressor	11.1	RLA
Gear motor	3.0	FLA
Agitation motor	1.8	FLA
Dispense motor	0.9	FLA
Fan motor	0.85	FLA
Other	0.6	A

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

Refrigerant Type - R-404A

Refrigerant Charge - BAF	1 lb. 1.7 oz. (485 g.)
BWF	1 lb. 1.7 oz. (485 g.)

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Compressor Data - Copeland RS55C1E-PAA-219 Capacity (BTU) 4053
RLA – 13.2 LRA – 60
(resistance @ 25°C) SWR- 4.464 ~ 5.136 ohms RWR- 0.512 ~ 0.590 ohms
Oil Charge - 24 FL. oz. (710 cc.)
Oil Type - Mobil EAL Arctic 22CC (POE)

Heat of Rejection for AC Load - BAF 8314 BTU/h (AT 90°F / WT 70°F)
BWF 1891 BTU/h (AT 90°F / WT 70°F)

Performance Data DCM-750BAF/BWF:

Ambient Temp (F°)		70		80		90		100	
	Water Temp.	Air	Water	Air	Water	Air	Water	Air	Water
Production 24 hours	50	803	879	684	809	573	751	480	697
	70	770	851	645	789	567	746	452	679
	90	726	830	608	770	509	714	423	628
Evaporator outlet	50	30 (-1)	30 (-1)	30 (-1)	30 (-1)	32 (0)	30 (-1)	33 (1)	32 (0)
	70	30 (-1)	30 (-1)	32 (0)	30 (-1)	32 (0)	30 (-1)	33 (1)	32 (0)
	90	30 (-1)	30 (-1)	32 (0)	30 (-1)	33 (1)	32 (0)	33 (1)	32 (0)
Pressure High Side	50	249	255	280	256	310	256	346	259
	70	249	255	280	256	310	256	346	259
	90	249	255	280	256	310	256	346	259
Pressure Low Side	50	44	44	47	45	49	45	52	47
	70	44	44	47	45	49	45	52	47
	90	44	44	47	45	49	45	52	47

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