



HOSHIZAKI AMERICA, INC.

SERVICE BULLETIN

SB98-0016

December 22, 1998

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**Subject: TECHNICAL INFORMATION FOR DCM-500BAF
CUBLET DISPENSER.**

The following technical information applies to the DCM-240BAF model cubelet dispenser.

Ice Dispensing – Solenoid operated by selector switch and manual push button.

Approximate storage capacity – 40 lbs. cubelet ice.

Water Dispensing – Solenoid operated by selector switch and manual push button.

Unit Size - 40" high x 22 1/2" x deep x 26" wide

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

Voltage Requirements - 115 / 60 / 1

Amperage - Compressor - 7.9A

Gear motor - 1.6A

Fan motor - 0.6A

Other - 0.2A

Agitation motor – 0.9A

Dispense motor – 0.9A

Maximum Circuit Amps – 20A (Recommend separate circuit)

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

Refrigerant Type - R-404A

Refrigerant Charge - 1 lb. 4.1 oz. (570g.)

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Compressor Data - Copeland RS43-CIE-PAA
Capacity (BTU) 4170
RLA – 10.1 LRA – 51A
SWR- 4.08 ohms RWR- 0.59 ohms
Oil Charge - 24 Fl. oz. (710cc)
Oil Type - Mobil EAL Arctic 22CC (POE)

Performance Data DCM-500BAF:

Ambient Temp (F°)		70		80		90		100	
	Water Temp.	Air	Water	Air	Water	Air	Water	Air	Water
Production 24 hours	50	535	545	461	503 396	471	340	441	
	70	510	526	438	493 385	465	323	432	
	90	485	515	416	482 358	451	304	400	
Evaporator outlet	50	23	23	23	23	26	23	28	23
	70	23	23	26 23	26	23	28	23	
	90	23	25	26	25	28	25	28	25
Pressure High Side	50	230	265	264	265	297 265	335	265	
	70	230	265	264	265	297	265	335	265
	90	230	265	264 265	297	265	335	265	
Pressure Low Side	50	33	37	35	37	37	37	43	37
	70	33	37	35	37	37	37	43	37
	90	33	38	35 38	37	38	43	38	

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Wiring Diagram DCM-500BAF:

WIRING DIAGRAM
 WIRE COLOR CODE
 BR - BROWN
 W - WHITE
 BK - BLACK
 R - RED
 O - ORANGE
 GY - GRAY
 P - PINK
 DBU - DARK BLUE
 LBU - LIGHT BLUE
 V - VIOLET

