



223 W Rosecrans Ave., Gardena, CA 90248
T. 310-808-0102 www.blueairfse.com

Project: _____
Location: _____
Item #: _____
Model #: _____ Qty: _____
AIA #: _____ SIS #: _____
CSI Section 11400

Modular Ice Machine - Full Dice

Model
BLMD-500AD

Model

BLMD-500AD

Cabinet Construction

- Durable stainless steel exterior construction
- Commercial-grade cabinet design
- Removable air filter for easy maintenance
- Designed for demanding commercial environments

Refrigeration System

- Air-cooled condensing unit
- Hydrocarbon refrigerant (R-290)
- Efficient refrigeration system for consistent ice production
- Engineered airflow design for reliable ice production
- Compressor protection system

Ice Production System

- Full Dice
- Automatic freeze and harvest cycle
- Consistent ice production for commercial applications
- Bin full sensor automatically stops ice production when storage is full

Produces up to 566 lbs of ice daily

- Produces 234 full-dice ice cubes per cycle
(18 columns x 13 rows)

Service

- Removable panels allow easy access to service components
- Removable, cleanable air filters located at the rear of the unit
- Allow 8" (20 cm) clearance at the rear, sides, and top for airflow and service access

Plumbing

- Icemaker Water Supply Line: Minimum 3/8" Nominal ID Copper Water Tubing or Equivalent
- Icemaker Drain Line: Minimum 3/4" Nominal ID Hard Pipe or Equivalent



Control & Operation

- Digital controller located inside the unit on the right-hand side
- 7-segment display for operating status and diagnostics
- Built-in cleaning and sanitizing mode

Operating Limits

- Ambient Temp Range: 45-100°F
- Water Temp Range: 45-90°F
- Water Pressure: 30-100 PSIG

Cube Dimensions

Full Dice 7/8" x 7/8" x 7/8" (22 x 22 x 22 mm)



* Dimensions are approximate. Image not to scale.

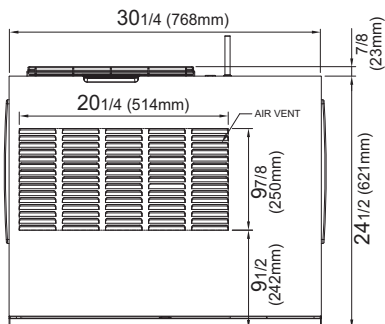


Model	Ice Type	Ice Production (lbs./24 hours)	Condenser	AMPS	W* x D† x H‡ (inches)	Crated Weight (lbs.)
BLMD-500AD	Full Dice	566	Air-Cooled	11.3	30 ¹ / ₄ x 24 ¹ / ₂ x 21 ¹ / ₈	154

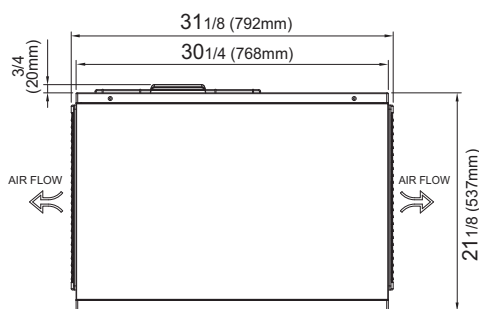
Modular Ice Machine - Full Dice

PLAN VIEW

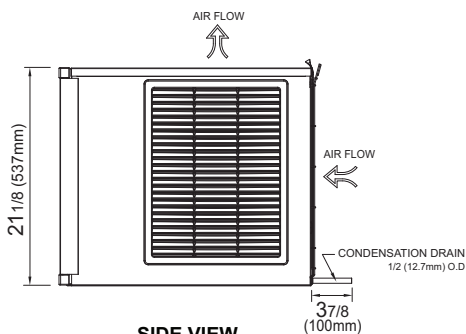
(Unit: inches)



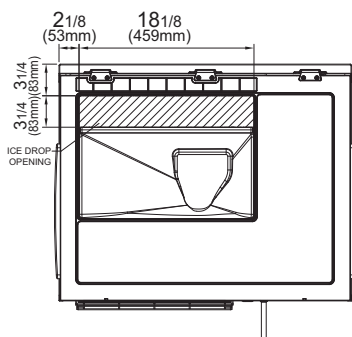
TOP VIEW



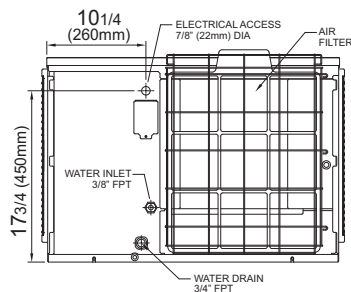
FRONT VIEW



SIDE VIEW



BOTTOM VIEW



REAR VIEW

Model

BLMD-500AD

Ice Production	Air / Water Temp	70°F Air / 50°F Water
	lbs. per 24 hrs.	566 lbs.
		90°F Air / 70°F Water
		466 lbs.
	Per Cycle	4.87 lbs. 234 cubes
Air 90°F Water 70°F	kWh per 100 lbs.	4.1 kWh
	Potable Water Gal. per 100 lbs.	15.8 gal
Condenser	Air-Cooled	
Min. Circuit Ampacity	13.9 A	
Max. HACR Breaker	20 A	
Voltage	115V/60Hz/1ph	
AMPS	11.3 A	
Refrigerant	R-290	
Ext. Dimensions	W [*] x D [†] x H [‡] (inches)	30 1/4 x 24 1/2 x 21 1/8
	W [*] x D [†] x H [‡] (mm)	768 x 621 x 537
Net Weight	141 lbs. (64 kg)	
Gross Weight	154 lbs. (70 kg)	

Specifications subject to change without notice.

* Width excludes 1" for the side panels. † Depth excludes 7/8" for the rear air filter.

‡ Height excludes 3/4" for the rear air filter.

Warranty

3 Year Parts and Labor Warranty

5 Year Compressor Warranty

5 Year Evaporator Part and Labor Warranty

Optional Accessories

- Water Filters: DH-R1, DH-S1, DH-S2



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