

BLACK DIAMOND®

Project Name: _____

Location: _____

Item #: _____

Qty: _____

Black Diamond Modular Commercial Ice Maker, 30" W, 500 lbs, Half Cube, in Stainless Steel/Black

BDMH500H



The Black Diamond Modular Commercial Ice Maker provides outstanding performance with up to 500 lbs. of half cube ice production per day. The unit features durable stainless steel and plastic construction for long-lasting reliability in demanding commercial environments. Equipped with digital controls for precise operation and a compressor cooling system for energy-efficient ice production, this freestanding unit is ideal for high-volume establishments such as restaurants, bars, hotels, and healthcare facilities. Included components such as an ice scoop, water pipe, adjustable feet, and plastic joint ensure turnkey installation and seamless operation.

FEATURES AND CONSTRUCTION

- Energy-efficient design with Energy Star Certification
- Produces up to 500 lbs of half cube ice per day to meet high-volume commercial demand
- Stainless steel (304) exterior with durable plastic components enhances longevity and resists corrosion
- Features an air-cooled compressor for reliable ice production and efficient operation
- Modular design for use with compatible ice storage bins (not included)
- LED illuminates into the ice storage bin
- Designed to perform optimally in standard indoor commercial environments
- R290 refrigerant supports reduced environmental impact and compliance with regulations
- Freestanding installation enables flexible integration in diverse commercial environments

ELECTRIC

Voltage	Utility Frequency (Hz)	Power Phase	NEMA 5-15P
115	60	1	

Cord Length (Inches): 70
Plug Type: NEMA 5-15P
Cord set included

3RD PARTY APPROVALS



WARRANTY (USA / CANADA)

Two (2) Year Limited Warranty on Parts and Labor, Five (5) Year Warranty on Compressor and Evaporator
Contact us for details at 1.877.368.2797



CAPACITY

- Daily Ice Production: Up to 500 lbs. per day
- Compatible with Ice Storage Bin: BDIB30

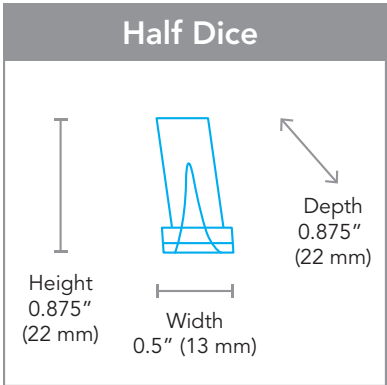
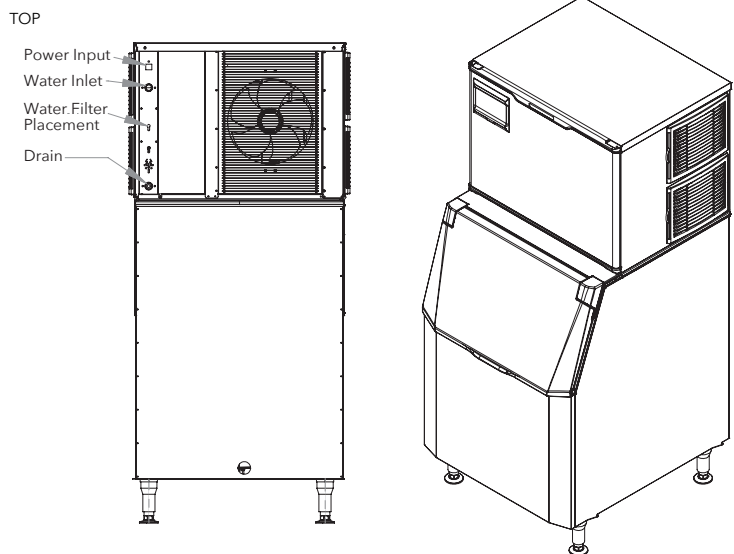
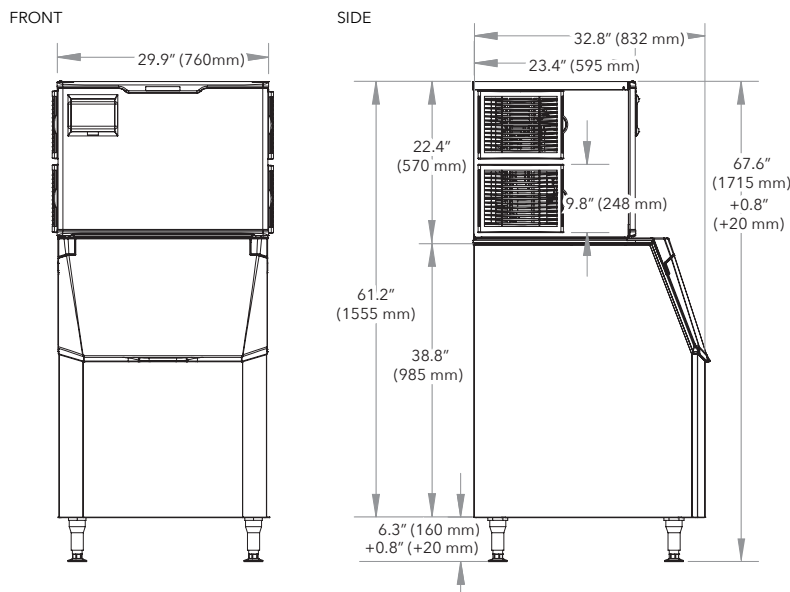
OPERATING REQUIREMENTS

- Temperature Range (Fahrenheit):
Min - Max Ambient: 41 - 104
Min - Max Water: 41 - 95
- Water Pressure Range:
Min - Max Bar: 1.3 - 5.5
Min - Max PSI: 19 - 80
- Water Supply Line Connection (in.): 0.5
- Water Usage:
(Gal/Cycle): 3.86
(Gal/Year): 36930
- Avg. Energy Consumption (kWh/day): 17.62



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Modular Ice Machines

Ice Type	HP	Amps	Wattage	Refrigerant / Oz.	Dimensions	Item Weight lbs	Shipping Weight lbs
Half cube 1.18" x 0.51" x 0.87"	1.3	11.26	1113	R290 / 5.29	23.40" x 29.90" x 22.40"	143.0	150.0

INSTALLATION

- A clearance of 2" from the wall is recommended to promote adequate cooling air circulation
- A gravity drain line is required to install this ice machine
- If a water filter option is not used, the performance and life expectancy of the machine will be greatly reduced. Suggested water filters are the TLC-107096 (single head), TLC-107097 (double head), and the TLC-3200S (replacement cartridge).