M Series 500 Ice Cube Machine

Model: ☐ MDT0500A-251 ☐ MYT0500A-251



M500 Ice Machine on D400C Bin

- Up to 226 kgs(499 lbs) daily ice production and only 30.00" (76.00 cm) wide
- R-410A CFC-free refrigerant
- Easy access to food zone with removal of two screws and lift-off door
- White plastics in the food zone help identify areas needing cleaning
- Water shield, distribution tube, pump, floats, and trough removable by hand
- Available CleanAir™ pack controls the growth of bacteria and fungi that form slime and cause odors in the food zone

Specifications

BTU Per Hour:
5,300 (average), 6,100 (peak)

Compressor:
Nominal Rating: 3/4HP

Refrigerant:
R-410A

Operating Limits:

- Ambient Temperature Range: 1.7°C to 43.3˚C
- Water Temperature Range: 1.7°C to 32.2˚C
- Water Pressure Ice Maker Water In:
  Min. 20 psi (137.9kPA)
  Max. 80 psi (551.1kPA)

Ice Machine Electric
220-240/50/1 standard

Total Circuit Ampacity:
Air Cooled: 6.3A

Power Consumption:
Air Cooled: 1029W

Maximum Fuse Size:15A

HACR-type circuit breakers can be used in place of fuses

COMMERCIAL WARRANTY
ICE MAKER 3 YEAR PARTS AND LABOR
EVAPORATOR 5 YEAR PARTS AND LABOR
COMPRESSOR 5 YEAR PARTS 3 YEAR LABOR

Cube Size Available



Half-dice
⅜" x 1⅛" x ⅞"
(0.95 x 2.86 x 2.22 cm)



Dice
7/8" X 7/8" X 7/8"
2.22 X 2.22 X 2.22 (cm)

NSF CE

M Series 500 Ice Cube Machine

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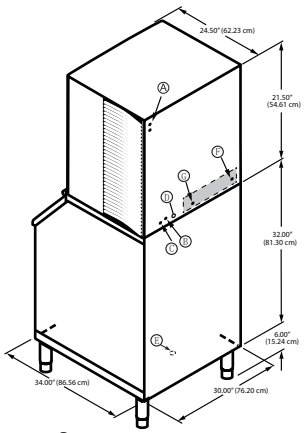
www.manitowocicechina.com

PENTAIR

Manitowoc®

M Series 500 Ice Cube Machine

M500 on D400C Storage Bin



Ⓐ Electrical Entrance (2) Options
Ⓑ 3/8" (0.95 cm) F.P.T. Ice Making Water Inlet
Ⓒ 1/2" (1.27 cm) F.P.T. Ice Making Water Drain
Ⓓ 1/2" (1.27 cm) Auxillary Base Drain Socket
Ⓔ 3/4" (1.91 cm) Bin Drain
Ⓕ 3/8" (0.95 cm) F.P.T. Water Condenser Inlet (water-cooled units)
Ⓖ 1/2" (1.27 cm) F.P.T. Water Condenser Outlet (water-cooled units)

Installation Note - Minimum installation clearance: Top/sides: 8" (20.32 cm), back: 5" (12.70 cm).

Space-Saving Designs



	M500 D400C
Height	59.50" 151.15cm
Width	30.00" 76.20 cm
Depth	33.70" 85.80 cm
Bin Storage	365 lbs 166 kg

Height includes adjustable bin legs 6.00" to 7.00" (15.24 cm to 17.78 cm) set at 6.00" (15.24 cm).

Model	Ice Shape	Ice Production 24 Hours		Power Usage kWh/100 lbs. @90°Air/70°F	Water Usage 100 lbs. 45.4 kgs. of Ice
		70°Air/ 50°F Water	90°Air/ 70°F Water		
MDT0500A-251	dice	214 kg	169kg	6.64	75.7
		472 lbs	372lbs		
MYT0500A-251	half - dice	226 kg	178kg	6.45	75.7
		499lbs	392lbs		

Order ice storage bin separately. Suffix of model "A" means air cooled condenser

CleanAir™ Pack Slime Inhibitor



CleanAir™ Pack Accessory is patented technology that releases chlorine dioxide on a controlled basis to inhibit the growth of bacteria and fungi that form slime and cause odors in the food zone of ice machine.

Easy Access to Parts of Water System



Water shield, distribution tube, pump, floats, and trough removable by hand

Easy Access to Air Filter



Easy to clean, reusable air filter protects condenser from lint, grease and dust.

©2023 01/18 Manitowoc 09/26 Continuing product improvement may necessitate change of specifications without notice.

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