



M Series 420 Ice Cube Machine

Model: ☐ MDT0420A-251B ☐ MYT0420A-251B



M420 Ice Machine on D420C Bin

- Up to 176 kgs(389 lbs) daily ice production and only 22.00" (55.90 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:

5,400 (average), 6,300 (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: 6.2A

Power Consumption:

Air Cooled: 845W

Maximum Fuse Size: 15A

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



Cube Size Available



Half-dice
3/8" x 1 1/8" x 7/8"
(0.95 x 2.86 x 2.22 cm)



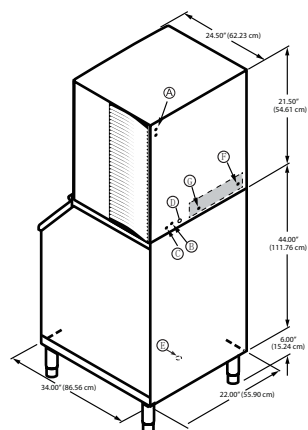
Dice
7/8" x 7/8" x 7/8"
2.22 x 2.22 x 2.22 (cm)



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M420 on D420C Storage Bin



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



| | |
|-----------------------|--------------------|
| M420 D420C | |
| Height | 71.50" 181.61cm |
| Width | 22.00" 55.90 cm |
| Depth | 34.00" 86.56cm |
| Bin Storage | 383 lbs 174kg |

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°F/70°F | Water Usage 100 lbs. 45.4 kgs. of Ice |
|---------------|-------------|-------------------------|----------------------|---|---|
| | | 70°F Air/ 50°F Water | 90°F Air/ 70°F Water | | |
| MDT0420A-251B | dice | 176 kg | 132kg | 6.65 | 75.7 |
| | | 389 lbs | 305lbs | | |
| MYT0420A-251B | half - dice | 166 kg | 141kg | 6.00 | 75.7 |
| | | 365lbs | 310lbs | | |

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.