M Series 1400 Ice Cube Machine

Model: ☐ MDT1400A-251 ☐ MYT1400A-251



M1400 Ice Machine on D970C Bin

- Up to 670 kgs(1477 lbs) daily ice production and only 48.00" (122.00 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:
28,300 (average), 34,300 (peak)

Compressor:
Nominal Rating: 2.5 HP

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: 17.1A

Power Consumption:
Air Cooled: 2332W

Maximum Fuse Size: 30A

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



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)

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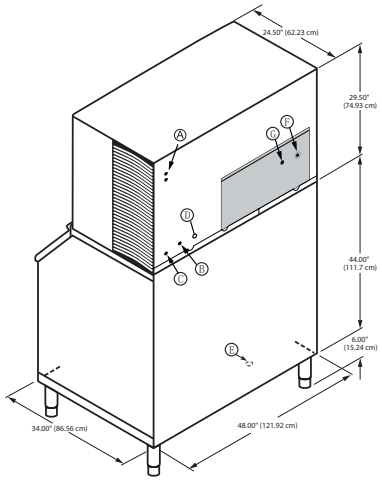
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M1400 on D970C Storage Bin



Ⓐ 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



	M1400 D970C
Height	79.50" 201.93cm
Width	48.00" 121.92 cm
Depth	34.00" 86.56 cm
Bin Storage	882 lbs 400kg

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		
MDT1400A - 251	dice	649 kg	479kg	5.3	75.7
		1431lbs	1056 lbs		
MYT1400A - 251	half - dice	670 kg	498 kg	5.3	75.7
		1477lbs	1099 lbs		

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.

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