

S-Series 300 Ice Cube Machine



Manitowoc



S-Series 300
Ice Machine on B-170 Bin



SANITATION

We've made it simple to clean



SAVINGS

The perfect balance of power and efficiency



SOUND

Designed to run whisper-quiet



SERVICEABILITY

Easy access means less downtime

- Up to 325 lbs. (147 kgs.) daily ice production
- Only 30" (76.20 cm) wide
- Removable water distribution tube with no tools
- Food zone designed with soft, round, cove corners
- Patented cleaning and sanitizing technology
- Select components made with AlphaSan antimicrobial
- Hinged front door for easy access
- Warranty
 - 5-year parts and 5-year labor coverage on ice machine evaporator
 - 5-year parts and 3-year labor coverage on ice machine compressor
 - 3-year parts-and-labor coverage on all other ice machine, dispenser, and storage bin components



ISO 9001:2000
Quality System
Certified

America's #1 Selling Ice Machine

Ice Cube & Flake Machines • Ice Storage Bins • Ice Dispensers

Manitowoc
Foodservice Group

Manitowoc S-Series 300

Model	Cube size	Ice production 24 hours		Power kWh/100 lbs.
		lbs.	kgs.	
SD-0302A	dice	255	116	8.3
SD-0303W	dice	270	122	6.6
SY-0304A	half-dice	255	116	8.3
SY-0305W	half-dice	270	122	6.6
Water usage/100 lbs./45.4 kgs. of Ice				
Potable Water: 26 gallons, 9.8 liters • Water-cooled Condenser: 180 gallons, 681 liters				

Order ice storage bin separately. "A" or "W" following model number indicates "Air" or "Water" condensing unit.



Ice Machine Electric

115/60/1 standard. (208-230/60/1 and 230/50/1 also available.)

Min. circuit ampacity: Air-cooled — 12.9 amps
Water-cooled — 12.1 amps

Max. fuse size: Air-cooled and Water-cooled — 20 amps

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

Specifications

BTU Per Hour:
3,800 (average) 6,000 (peak)

Compressor:
Nominal rating: 1/2 HP

Cupra-Nickel Condenser:
(Water-cooled models)
Adds protection from corrosive water elements.

Operating Limits:
• Ambient Temperature Range:
Air and water:
35° to 110°F (1.6° to 43.3°C)

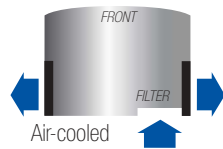
• Water Temperature Range:
35° to 90°F (1.6° to 32.2°C)

• Water Pressure Ice Maker Water In:
Min. 20 psi (137.9 kPa)
Max. 80 psi (551.1 kPa)

• Condenser Inlet Water In:
(Water cooled only)
Min. 20 psi (137.9 kPa)
Max. 150 psi (1,034.2 kPa)



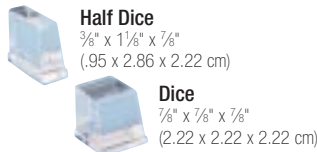
Air Flow Top View



AuCS®SO Accessory

Automatic Cleaning System purchased as an option and installed in the field.

2 Cube Sizes Available



24-HOUR PRODUCTION †						lbs. kgs.	
AIR-COOLED UNIT			WATER-COOLED UNIT				
air temp	water temp		air temp	water temp			
°F	50°	70°	90°	°F	50°	70°	90°
°C	10°	21°	32°	°C	10°	21°	32°
70°	325	295	270	70°	310	285	260
21°	147	134	122	21°	143	129	118
80°	305	275	250	80°	305	280	255
27°	138	125	113	27°	138	137	116
90°	285	255	235	90°	295	270	250
32°	129	116	107	32°	134	122	113

†Production for Dice and Half Dice cubes. Data is published for 60 Hz machines. 50 Hz machines produce approximately 7% less ice.

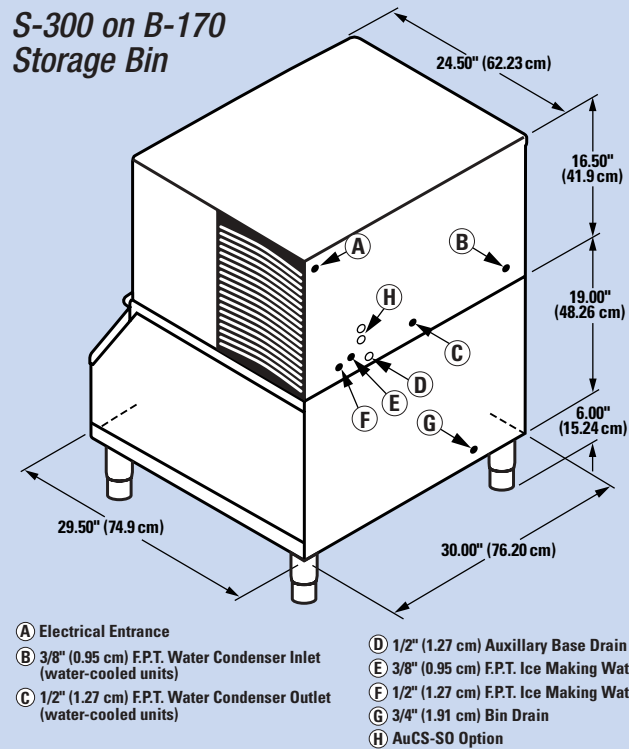
Space-Saving Designs



	S-300 B-170	S-300 B-400
Height	41.50" 105.41 cm	54.50" 138.43 cm
Width	30.00" 76.20 cm	30.00" 76.20 cm
Depth	29.50" 74.93 cm	34.00" 86.30 cm
Bin Storage	150 lbs. 68.1 kgs.	290 lbs. 131.7 kgs.

Height includes adjustable bin legs 6.00" to 8.00", (15.24 to 20.32 cm) set at 6.00" (15.24 cm).
For comparison purposes multiply ARI capacity by 1.3 (30%) to arrive at approximate "Application Rating Capacity."

S-300 on B-170 Storage Bin



Installation Note - Minimum Installation Clearance: Top/Sides are 8" (20.32 cm), Back is 5" (12.7 cm).

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