

S-Series 450 Ice Cube Machine

Model

☐ SD-0452A ☐ SD-0453W ☐ SY-0454A ☐ SY-0455W



S-Series 450
Ice Machine on B-400 Bin

Standard Features

- Up to 460 lbs. (209 kgs.) daily ice production.
- Up to CEE Tier 2 energy and water efficiency rating.
- 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.

Specifications

BTU Per Hour:

7,000 (average) 9,600 (peak)

Compressor:

Nominal rating: 3/4 HP

Cupra-Nickel Condenser:

(Water-cooled models)

Adds protection from
corrosive water elements

Operating Limits:

- Ambient Temperature Range:
Air and water-cooled:
35° to 110°F (1.6° to 43.3°C)
Remote:
-20° to 120°F (-29° to 49°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)

Ice Machine Electric

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

Minimum circuit size:

Air-cooled: 14.2 amps

Water-cooled: 13.5 amps

Maximum fuse size:

Air-cooled and Water-cooled: 20 amps

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

Ice Shape



Half Dice
3/8" x 1 1/8" x 7/8"
(.95 x 2.86 x 2.22 cm)

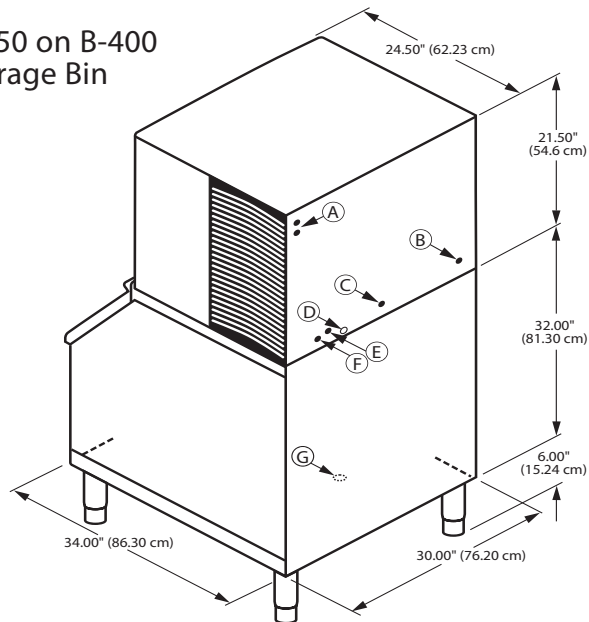


Dice
7/8" x 7/8" x 7/8"
(2.22 x 2.22 x 2.22 cm)



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S-450 on B-400 Storage Bin



- (A) Electrical Entrance (2) Options
- (B) 3/8\" (0.95 cm) F.P.T. Water Condenser Inlet (water-cooled units)
- (C) 1/2\" (1.27 cm) F.P.T. Water Condenser Outlet (water-cooled units)
- (D) 1/2\" (1.27 cm) Auxiliary Base Drain Socket
- (E) 3/8\" (0.95 cm) F.P.T. Ice Making Water Inlet
- (F) 1/2\" (1.27 cm) F.P.T. Ice Making Water Drain
- (G) AuCS® Accessory Knockout

Installation Note

Minimum installation clearance– Top/sides: 8\" (20.32 cm); Back: 5\" (12.7 cm).

Space-Saving Designs



	S-450 B-400	S-450 B-570
Height	59.50\" 151.13 cm	71.50\" 181.61 cm
Width	30.00\" 76.20 cm	30.00\" 76.20 cm
Depth	34.00\" 86.30 cm	34.00\" 86.30 cm
Bin	290 lbs.	430 lbs.
Storage	131.7 kgs.	195.2 kgs.

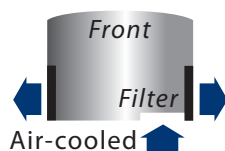
Height includes adjustable bin legs 6.00\" to 8.00\" (15.24 to 20.32 cm) set at 6.00\" (15.24 cm)

Model	Ice Shape	Ice Production 24 Hours				Power kWh/100 lbs. @ 90°/70°F	CEE+ Rating
		70°Air/50°F Water		90°Air/70°F Water			
		lbs.	kgs.	lbs.	kgs.		
SD-0452A	dice	455	206	345	157	6.6	Tier 1
SD-0453W	dice	435	197	385	175	5.1	Tier 1
SY-0454A	half-dice	460	209	365	166	6.3	Tier 2
SY-0455W	half-dice	465	211	400	181	5.1	Tier 1
Water usage/100 lbs./45.4 kgs. of Ice							
Potable Water: 18 gallons, 68 liters • Water-cooled Condenser: 153 gallons, 579 liters							

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

†Consortium for Energy Efficiency (CEE) is a North American nonprofit organization that promotes energy-efficient products, technologies and services; also the principal entity for the development of ice maker efficiency standards.

Air Flow Top View



AuCS®SI Accessory



Automatic Cleaning System purchased factory installed in the machine or as an option for field retrofit.