

300 Ice Cube Machine

300 Ice Cube Machine

Models

☐ ID-0302A

☐ IY-0304A

☐ ID-0303W

☐ IY-0305W


Designed for operators who know that ice is critical to their business, the Indigo® Series ice machine's preventative diagnostics continually monitor itself for reliable ice production. Improvements in cleanability and programmability make your ice machine easy to own and less expensive to operate.

- **Space-Saving Design** – Measures only 16.5" high (42 cm) and 30" wide (76.20 cm) allowing it to fit on top of dispensers when a low ceiling is an issue.
- **Intelligent Diagnostics** – provide 24 hour preventative maintenance and diagnostic feedback for trouble free operation.
- **Acoustical Ice Sensing Probe** – for reliable operation in challenging water conditions.
- **EasyRead® Display** – communicates operating status, cleaning reminders, and asset information through a blue illuminated display.
- **Programmable Ice Production** – by On/Off Time, Ice Volume or Bin Level (with accessory bin level control) further improves energy efficiency and savings.
- **Easy to Clean Foodzone** – Hinged front door swings out for easy access. Removable water-trough, distribution tube, curtain, and sensing probes for fast and efficient cleaning. Select components made with AlphaSan® antimicrobial.
- **DuraTech™ Exterior** – provides superior corrosion resistance. Stainless finish with innovative clear-coat resists fingerprints and dirt.
- Available LuminIce® Growth Inhibitor mitigates the growth of bacteria and yeast within the foodzone.

Ice Machine Electric

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

Minimum circuit ampacity:

Air-cooled: 10.8
Water-cooled: 10

Maximum fuse size:

15 amps 1ph

Specifications

BTU Per Hour:

4,600 (average), 5,450 (peak)

Refrigerant:

R-404A CFC-free

Operating Limits:

- Ambient Temperature Range:
35° to 110°F (1.7° to 43.3°C)
Water Temperature Range:
35° to 90°F (1.7° to 32.2°C)
- Water Pressure Ice Maker
Water In:
Min. 20 psi (137.9 kPa)
Max. 80 psi (551.1 kPa)



Ice Shape



Half Dice

$\frac{3}{8}$ " x $1\frac{1}{8}$ " x $\frac{7}{8}$ "
(.95 x 2.86 x 2.22 cm)



Dice

$\frac{7}{8}$ " x $\frac{7}{8}$ " x $\frac{7}{8}$ "
(2.22 x 2.22 x 2.22 cm)



COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV
= ISO 9001:2008 =



i-300 Storage Bin

Installation Note

Water Cooled clearance:

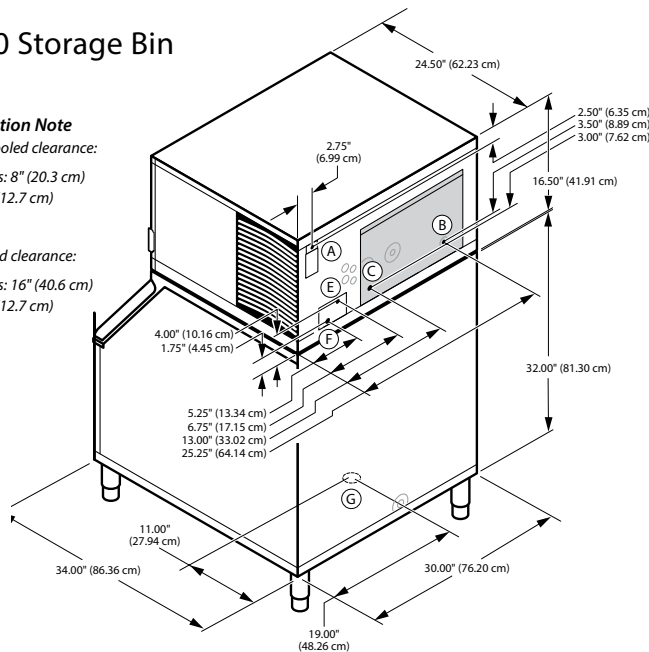
Top/Sides: 8" (20.3 cm)

Back: 5" (12.7 cm)

Air Cooled clearance:

Top/Sides: 16" (40.6 cm)

Back: 5" (12.7 cm)



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 3/4" (1.91 cm) Bin Drain

Space-Saving Designs



i-300
B-400

Height 54.50"
138.43 cm

Width 30.00"
76.20 cm

Depth 34.00"
86.30 cm

Bin Storage 290 lbs.
131.50 kgs.

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

Specifications

	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		
AIR-COOLED	ID-0302A	dice	310 lbs.	225 lbs.	7.00	20.0 gal
			141 kgs.	102 kgs.		75.7 L
	IY-0304A	half-dice	310 lbs.	235 lbs.	7.00	20.0 gal
			141 kgs.	107 kgs.		75.7 L
WATER-COOLED	ID-0303W	dice	300 lbs.	260 lbs.	5.45	20.0 gal
			136 kgs.	118 kgs.		75.7 L
	IY-0305W	half-dice	300 lbs.	260 lbs.	5.45	20.0 gal
			136 kgs.	118 kgs.		75.7 L

* Water-cooled Condenser Water Usage / 100 lbs. / 45.4 kgs. Of Ice: 194 gal / 734 L.

* Water-cooled models are excluded from ENERGY STAR qualification.

Order ice storage bin separately.

Accessories

LuminIce® II Growth Inhibitor
reduces yeast and bacteria growth for a cleaner ice machine.



External Scoop holder
Protect the ice scoop with the NSF approved versatile scoop holder.



Arctic Pure® Water Filters
Reduces sediment and chlorine odors for better tasting ice.



iAuCS®
schedules and performs routine ice machine cleaning automatically.



Welbilt reserves the right to make changes to the design or specifications without prior notice.

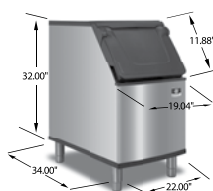
Ice Storage Bins

Model

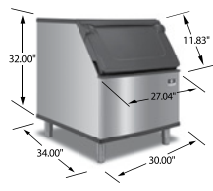
☐ D320 ☐ D400 ☐ D420 ☐ D570 ☐ D970

D Bins

.75" (1.90 cm) Bin drain



D320
210 lbs. (95 kgs)
(Available January)



D400
290 lbs. (132 kgs)
(Available January)



D420
310 lbs. (141 kgs)
(Available January)



Ergonomic NSF approved
sanitary ice scoop included



D570
430 lbs. (195 kgs)
(Available January)



D970
710 lbs. (323 kgs)

D Bin Features

New Sanitary Scoop Ergonomic NSF approved sanitary ice scoop included with each bin. Built-in knuckle and thumb guard. Unique molded retaining lip allows maximum scooping every time. Per scoop capacity approximately 5.3/ lbs (2.4 kg)

Scoop Holder options New built-in scoop holder, keeps the ice scoop handle above the ice, or purchases the optional NSF approved External Scoop Holder Kit # K00461. (Available January 2018)

New Door design Clever built in side grips allow you to lift the bin door from anywhere you are standing (left, right or center) even when you have just one hand free.

Foamed Insulated Door

Insulates the ice bin, reduces sweat on the door, helps keep ice lasting longer.

Stay up door Unique cammed bin door self-latch keeps the door in the open position and keeps the employee safe when scooping ice.

Ergonomic Door design Door is angled 53 degrees to allow for easier access to the ice in the bin especially when scooping from the bottom.

Duratech Metal Finish Manitowoc exterior material has better corrosion resistance than stainless steel, is smudge resistant and easy to keep clean.

New Bin liner Polyurethane Artic Blue bin liner accentuates the crisp clear ice from a Manitowoc Ice Machine.

Warranty

Bin & Accessories: 3 Year Parts & Labor.

D Bin Model	D-Bin Capacities						D-Bin Dimensions					
	*Application Capacity		**2017 AHRI Capacity		**2018 AHRI Capacity		Height		Width		Depth	
	lbs.	kgs	lbs.	kgs.	Cu. ft	Cu. M	in.	cm	in.	cm	in.	cm
D320	264	119.90	210	95.25	8.9	0.25	38	96.5	22	55.9	34	86.4
D420	383	173.79	310	140.61	12.9	0.37	50	127	22	55.9	34	86.4
D400	365	165.70	290	131.54	12.3	0.35	38	96.5	30	76.2	34	86.4
D570	532	241.14	430	195.05	17.9	0.51	50	127	30	76.2	34	86.4
D970	882	400.11	710	322.05	29.7	0.84	50	127	48	121.9	34	86.4

*Application Capacity is based on 90% of the volume x 33 lbs/ft³ average density of ice. Ice must be managed

**2017 Approved AHRI capacity is based on 80% of the total volume x 30 lbs/ft³ average density of ice

***2018 AHRI certified measurement for bin capacity

Above bin heights include leg height of 6" / 15.24 cm

All bins include sanitary plastic ice scoop and one set of adjustable (6 in to 7.75 in / 15.24 to 20.32 cm) chrome legs

External Scoop holder order separately Kit # 000461



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