



Indigo™ Series 1400 Ice Cube Machine

D-1402A Model: ID-1403W ID-1492N

> IY-1404A IY-1405W IY-1494N





Ice Machine Electric

208-230/60/1 standard (208-230/60/3 and 230/50/1 also available.)

Minimum circuit ampacity:

Air-cooled: 13.2 3ph 18.3 1ph Water-cooled: 16.9 1ph 11.8 3ph Remote-cooled: 17.9 1ph 12.8 3ph

Maximum fuse size:

20 3ph Air-cooled: Water-cooled: 30 1ph 20 3ph Remote-cooled: 30 1ph 20 3ph

Specifications

BTU Per Hour:

23,500 (average) 27,000 (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)

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 Up to 1,550 lbs. (705 kgs.) daily ice production and only 48" (121.92 cm) wide.
- Intelligent Diagnostics provide 24 hour preventative maintenance and diagnostic feedback for trouble free
- 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 controls the growth of bacteria and yeast within the foodzone.



Ice Shape





Dice 7⁄8" x 7⁄8" x 7∕8" (2.22 x 2.22 x 2.22 cm)













COMPANY WITH QUALITY SYSTEM

2110 South 26th Street PO Box 1720 Manitowoc, WI 54221-1720 USA Tel: 1.920.682.0161 Fax: 1.920.683.7589 www.manitowocice.com







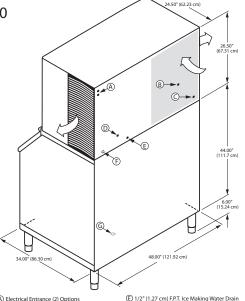
i-1400 on B-970 Storage Bin

Installation Note Air Cooled clearance:

Top: 24" (61.0 cm) Sides: 24" (61.0 cm) Back: 5" (30.5 cm)

Water Cooled clearance:

Top/Sides: 8" (20.3 cm) Back: 5" (12.7 cm)



- (A) Electrical Entrance (2) Options
- (1.27 cm) F.P.T. Water Condenser Outlet (water-cooled units)
- (0.95 cm) F.P.T. Water Condenser Inlet
- 3/8" (0.95 cm) F.P.T. Ice Making Water Inlet

Space-Saving Designs



i-1400 B-970

Height

76.50" 194.31 cm

Width

48.00" 121.92 cm

34.00"

Depth

86.30 cm

Bin Storage 710 lbs. 322.2 kgs.

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

Specifications

	lce		Ice Production 24 Hours		Power Usage kWh/100 lbs. @90°Air/70°F		Water Usage/ 100 lbs. 45.4 kgs. of Ice	- ENERGY
	Model	Shape	70°Air/ 50°F Water	90°Air/ 70°F Water	1 Ph	3 Ph	Potable Water	STAR*
AIR-COOLED	ID-1402A	dice	1,500 lbs.	1,155 lbs.	4.86	4.86	23.5 gal.	
			682 kgs.	525 kgs.			89 L.	
	IY-1404A	half-dice	1,550 lbs.	1,180 lbs.	4.88	4.88	23.5 gal.	
			705 kgs.	536 kgs.			89 L.	
WATER-COOLED	ID-1403W	dice	1,515 lbs.	1,275 lbs.	3.85	3.85	23.5 gal.	NA
			689 kgs.	580 kgs.			89 L.	
	IY-1405W	half-dice	1,565 lbs.	1,290 lbs.	3.86	3.86	23.5 gal.	NA
			711 kgs.	586 kgs.			89 L.	
1M	* Water-cooled Condenser Water Usage / 100 lbs. /45.4 kgs. Of Ice: 154 gal. / 583 L. * Water-cooled models are excluded from ENERGY STAR qualification.							
REMOTE- COOLED	ID-1492N	dice	1,430 lbs.	1,220 lbs.	4.52	4.52	23.5 gal.	
			650 kgs.	555 kgs.			89 L.	
	IY-1494N	half-dice	1,480 lbs.	1,230 lbs.	4.53	4.53	23.5 gal.	
			673 kgs.	559 kgs.			89 L.	

F) 1/2" (1.27 cm) Auxillary Base Drain Socket

© 3/4" (1.91 cm) Bin Drain

Air flow for air-cooled models

Order ice storage bin separately. To order 3 phase add "3" suffix to model # (ID-1202A3).

Accessories

LuminIce™ **Growth Inhibitor** reduces yeast and

bacteria growth for a cleaner ice machine.



Bin Level Control

Allows ice bin level to be automatically set. Built-in LED light illuminates bin.



Arctic Pure® Water Filters

Reduces sediment and chlorine odors for better tasting ice.



AuCS®

schedules and performs routine ice machine cleaning automatically.



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