

Indigo™ Series 1400 Ice Cube Machine

Model: ID-1402A ID-1403W ID-1492N
 IY-1404A IY-1405W IY-1494N



Indigo Series i-1400 Ice Machine on B-970 Bin

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 cleanliness 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 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** controls the growth of bacteria and yeast within the foodzone.

Ice Machine Electric

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

Minimum circuit ampacity:

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

Maximum fuse size:

Air-cooled:	30 1ph	20 3ph
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)



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)



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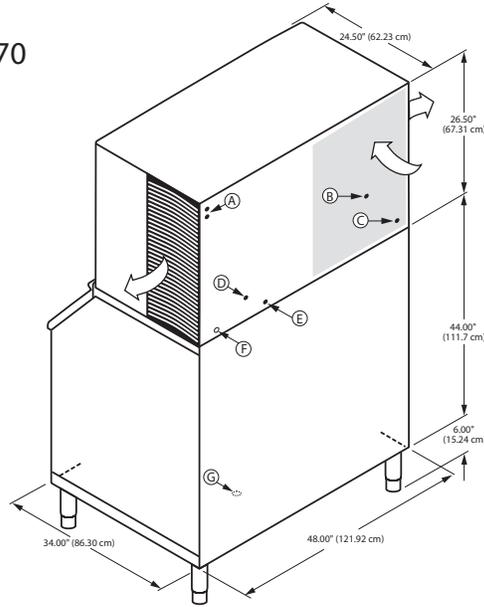
Indigo™ Series 1400 Ice Cube Machine

i-1400 on B-970 Storage Bin

Installation Note

Air Cooled clearance:
 Top: 24" (61.0 cm)
 Sides: 24" (61.0 cm)
 Back: 5" (12.7 cm)

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



- Ⓐ Electrical Entrance (2) Options
- Ⓑ 1/2" (1.27 cm) F.P.T. Water Condenser Outlet (water-cooled units)
- Ⓒ 3/8" (0.95 cm) F.P.T. Water Condenser Inlet (water-cooled units)
- Ⓓ 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
- Ⓗ Air flow for air-cooled models

Space-Saving Designs



i-1400 B-970

Height 76.50"
194.31 cm

Width 48.00"
121.92 cm

Depth 34.00"
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

	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	ENERGY STAR®
			70°Air/ 50°F Water	90°Air/ 70°F Water	1 Ph	3 Ph	Potable Water	
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.	
* 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.	

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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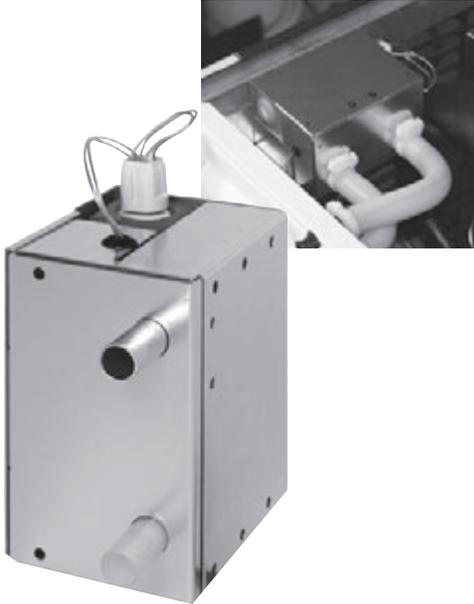
LuminIce™ Growth Inhibitor

Model

Factory Built-in Option
(Add "X" to end of Indigo model number)

K-00424 Upgrade Kit
(for Indigo: i-300 to i-1200 and QuietQube i-680C to i-1070C)

K-00434 Upgrade Kit
(for Indigo: i-1400 & i-1800, IB Series, and QuietQube i-1470C to i-2170C)



Standard Features

- **Reduced Yeast and Bacteria Growth** – proven by independent lab testing to inhibit the growth of yeast and bacteria for a cleaner foodzone.
- **Easier Cleaning** – reduced slime build up speeds the regularly scheduled cleaning process.
- **Space Saving Design** - device mounts inside the Indigo Series ice machine preserving space clearances in tight areas.
- **Easy to Use** - no chemicals to add or maintain. Only a simple UV bulb change is recommended once a year to maintain effectiveness. *Note: bulb change reminders can be programmed into the Indigo display.*

Warranty

- 3-year warranty covering all parts and labor from the date of original installation (UV bulb is excluded from this warranty).
- UV Bulb replacement part warranty 90 days.

The LuminIce Growth Inhibitor creates “active air” by recirculating the air inside the ice machine food zone over a UV light. This “active air” passes over exposed food zone components to inhibit the growth of yeast, bacteria, and other common microorganisms.

Foodservice operations can often be in challenging environments where it is difficult to prevent yeast, mold and other micro-organism contamination. With LuminIce, testing has shown that ice machine foodzones are noticeably cleaner after only 2-1/2 months of usage.



WITH LUMINICE



WITHOUT LUMINICE

The LuminIce device runs quietly 24 hours a day keeping your ice machine cleaner and helping to relieve the stress and pain of frequent cleanings. Reduced cleanings ultimately saves labor time, cost, and machine downtime during the cleaning process.

Electric

Electricity drawn directly from ice machine.

Bulb Replacement

To retain maximum effectiveness, annual replacement of the internal UV bulb is recommended. UV bulb shelf life is 3 years from date of manufacture.

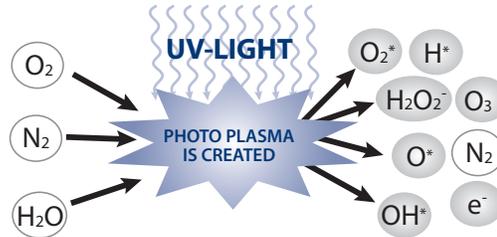




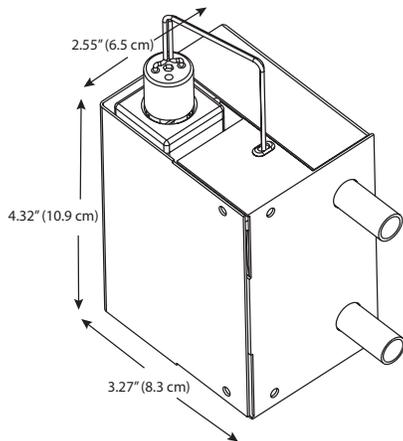
How LuminIce Works

UV light acts on the oxygen, nitrogen, and water vapor in the air stream passing across the bulb to create photoplasma.

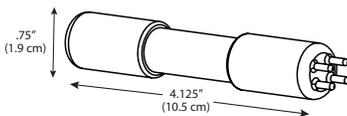
Photoplasma is a gas that is fully ionized by UV light containing ions, free electrons, hydroxyl radicals, and ozone. Each of which is highly reactive with any microorganisms it encounters within the foodzone. This "active air" is continually recirculated within the foodzone inhibiting microorganism growth.



LuminIce (Internal Mounting)

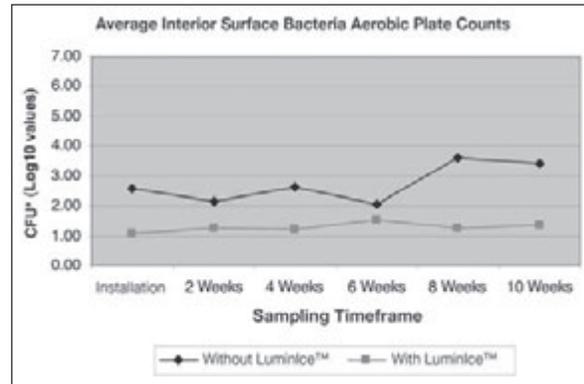
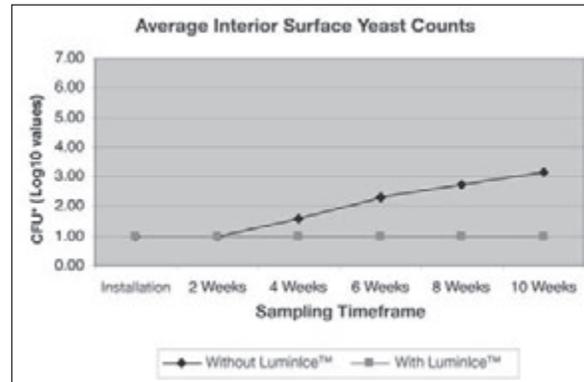


LuminIce UV Bulb



Cleaner Ice Machine Foodzones

Confirmed by Independent Testing Lab



*Average foodzone Colony Forming Units (CFU's) plotted over time from date of installation.

LuminIce Models / Replacement Bulb

Model	Description
X	Factory Built-In LuminIce Growth Inhibitor. Comes pre-installed in ice machine. (Add "X" to end of Indigo model number)
K-00424	LuminIce Growth Inhibitor Kit for Indigo i-300 to i-1200, and QuietQube i-680C to i-1070C.
K-00434	LuminIce Growth Inhibitor Kit for Indigo IB Series, QuietQube i-1470C, i-1870C, i-2170C and 48" i-1400 and i-1800 models.
K-00425	Replacement LuminIce Bulb