

50Hz

# iP0320 Ice Cube Machine

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## Models

- IDP0320A     IYP0320A



Indigo NXT Series iP0320 Ice Machine on D320 Bin

Designed for operators who know that ice is critical to their business, the Indigo NXT 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.

- **R290 Natural Refrigerant** - Minimize global warming potential and still maintain high performance with R290 Propane Refrigerant.
- **easyTouch® Display** - New icon based touch screen takes the guess work out of owning and operating an ice machine.
- **Multiple Language Capability** - The easyTouch display is available in multiple languages selected in the initial start-up installation Wizard.
- **Programmable Ice Production** - Now its super easy to program your ice machine to be off at certain times of the day to save money with fluctuating electrical rates. Also programmable by daily ice production volume.
- **Easy to Clean Foodzone** - Hinge front door swing out for easy access. Removable water-trough, distribution tube, curtain, water probe and water pump for fast and efficient cleaning. Selected components are made with AlphaSan® antimicrobial.
- **Intelligent Diagnostics** - Provides 24 hour preventative maintenance and diagnostic feedback for trouble free operation.
- **Acoustical Ice Sensing Probe** - Unique patented technology allows for reliable operation in challenging water conditions and environments
- **DuraTech® Exterior** - Provides superior corrosion resistant above stainless steel. Innovative clear-coat resists fingerprints and dirt making it easier to keep clean.
- **Available LuminIce II Virus and Bacteria Inhibitor**- Controls viruses, bacteria, mold and yeast within the foodzone to keep the machine clean longer. A new sanitation icon lets you know the operational status.
- **Active Sense** - insures consistent ice harvest in all environmental conditions. This software solution works in conjunction with the acoustical ice sensing probe improving reliability and performance.

## Ice Machine Electric

230/50 /1

**Minimum circuit ampacity:**  
Air-cooled: 6.0

**Power Consumption:**  
563 W

**Maximum fuse size:**  
Air-cooled: 15 1ph



## Specification

**BTU Per Hour:**  
3,800 (average),  
and 4,800 (peak)

**Refrigerant:**  
R290 CFS Free.  
Non-ozone depleting  
and near zero GWP

### Operating Limits:

- Ambient Temperature Range: 40° to 110° F (4.4° to 43.3° C)  
Water Temperature Range: 40° to 90° F (4.4° 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**  
3/8" x 1 1/8" x 7/8"  
(.95 x 2.86 x 2.22 cm)  
Cube weight 5.7 g



**Dice**  
7/8" x 7/8" x 7/8"  
(2.22 x 2.22 x 2.22 cm)  
Cube weight 8.5 g



COMPANY WITH  
QUALITY SYSTEM  
CERTIFIED BY DNV  
= ISO 9001:2015 =



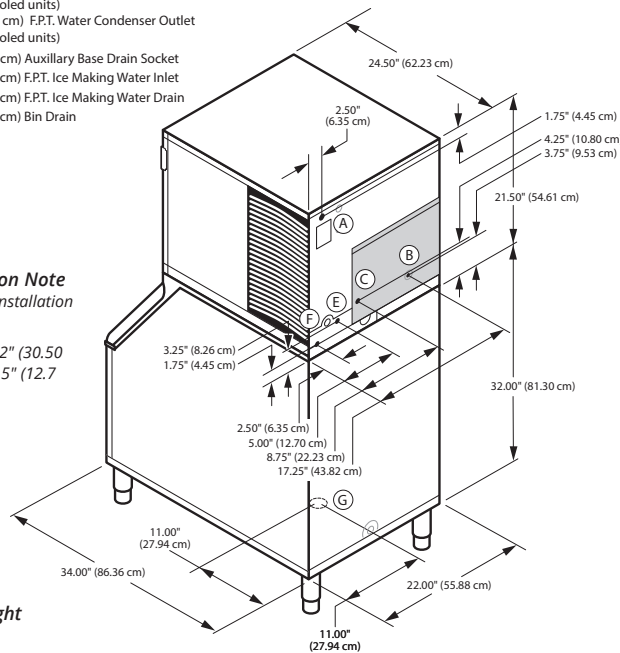
## 50Hz

Indigo® NXT™ iP0320 Ice Cube Machine

### iP0320 on D320 Storage Bin

- Ⓐ Electrical Entrance (2) Options
- Ⓑ 3/8" (0.95 cm) F.P.T. Water Condenser Inlet (water-cooled units)
- Ⓒ 1/2" (1.27 cm) F.P.T. Water Condenser Outlet (water-cooled units)
- Ⓓ 1/2" (1.27 cm) Auxiliary Base Drain Socket
- Ⓔ 3/8" (0.95 cm) F.P.T. Ice Making Water Inlet
- Ⓕ 1/2" (1.27 cm) F.P.T. Ice Making Water Drain
- Ⓖ 3/4" (1.91 cm) Bin Drain

**Installation Note**  
Minimum installation clearance:  
Top/side: 12" (30.50 cm)  
Back is 5" (12.7 cm)



**Shipping Weight**  
67 kg  
147 lbs

### Space-Saving Design



	iP0320 D320	iP0320 D420
Height	59.50"	71.50"
Width	151.13 cm	181.61 cm
Depth	22.00"	22.00"
	55.88 cm	55.88 cm
Bin	34.00"	34.00"
	86.30 cm	86.30 cm
Storage	264 lbs.	383 lbs.
	118 kgs.	174 kgs.

Height includes adjustable bin legs 6.00" to 8.00", (15.24 to 20.32 cm) set at 6.00" (15.24 cm).  
Bin capacity is based on 90% of the volume x 33 lbs/ft<sup>3</sup> average density of ice.

### Specification

AIR COOLED	Model	Ice Shape	Ice Production 24 Hours		Power Usage kWh 45.4 kg / 100 lbs @ 32°Air / 21°C Water 90°Air / 70°F Water	Potable Water Usage/100 lbs. 45.4 kgs. of Ice
			21°Air / 10°C Water 70°Air/ 50°F Water	32°Air / 21°C Water 90°Air/ 70°F Water		
			1 Ph			
IDP0320A	dice		305 lbs.	226 lbs.	5.63	20 Gal.
			138 kgs	103 kgs		76 L
IYP0320A	half-dice		320 lbs.	238 lbs.	5.63	20 Gal.
			145 kgs	108 kgs		76 L

Order separately: Ice storage bin for all units

R290 is a refrigerant grade propane which is naturally occurring with no ozone depletion potential and extremely low global warming potential

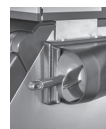
### Accessories

**LuminIce® II Virus and Bacteria Inhibitor**  
controls viruses and bacteria inside the 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.



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