

50Hz

# iT0300 Ice Cube Machine

iT0300 Ice Cube Machine

Models

IDT0300A

IYT0300A



Indigo Series iT0300 Ice Machine on D400 Bin

\*Ice machine and bin sold separately

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.

- **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.
- **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 and night time programming.
- **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.
- **Intelligent Diagnostics** – provide 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: 4.4

### Maximum fuse size:

15 amps 1ph

### Machine Power Load:

Peak 665 W Average 589W

## Specifications

### BTU Per Hour:

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

### Refrigerant:

R410A CFS - Free Lowers global warming by 48%

### 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**  
 $\frac{3}{8}$ " x  $1\frac{1}{8}$ " x  $\frac{7}{8}$ "  
 (.95 x 2.86 x 2.22 cm)  
 Cube weight 5.7 g



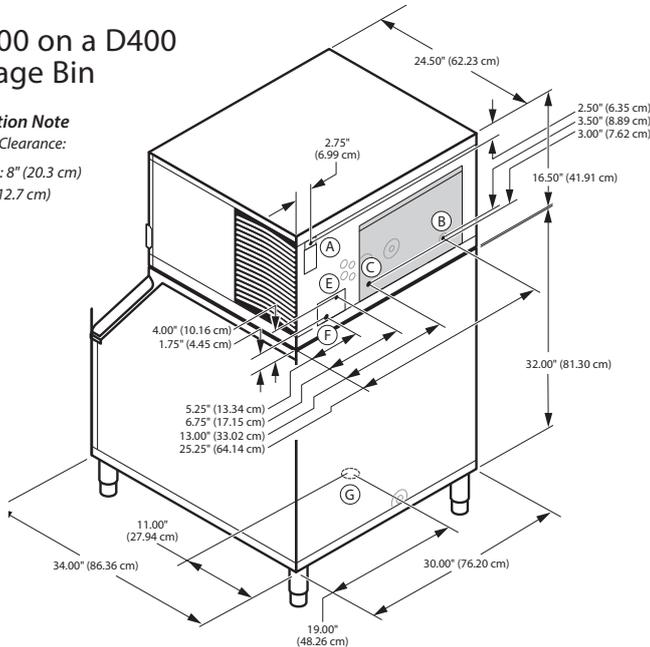
**Dice**  
 $\frac{7}{8}$ " x  $\frac{7}{8}$ " x  $\frac{7}{8}$ "  
 (2.22 x 2.22 x 2.22 cm)  
 Cube weight 8.5 g





### iT0300 on a D400 Storage Bin

**Installation Note**  
 Required Clearance:  
 Top/Sides: 8" (20.3 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) Auxillary 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



**iT0300 D400**

Height	54.50" 138.43 cm
Width	30.00" 76.20 cm
Depth	34.00" 86.30 cm
Bin Storage	365 lbs. 165.7 kgs.

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

Storage bin rated at application capacity based on 90% of the volume x 33 lbs./ft<sup>3</sup> average density of ice.

### Specifications

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	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		
IDT0300A	dice	303 lbs.	242 lbs.	1 Ph	Potable Water
		137 kgs.	110 kgs.		
IYT0300A	half-dice	300 lbs.	254 lbs.	5.73	20.0 gal
		136 kgs.	115 kgs.		

Order ice storage bin separately.  
 This product is hermetically sealed and contains fluorinated greenhouse gas R410A

### 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.