

50Hz

iT0500 Ice Cube Machine

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Models

☐ IRT0500A ☐ IDT0500A ☐ IYT0500A



Indigo NXT Series iT0500 Ice Machine on D570 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.

- **New levels of Performance** – Showcasing an average of 12% lower energy consumption and a 23% reduction in condenser water usage. This translates into lower cost of ownership over the life of your machine.
- **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.

Ice Machine Electric

230/50/1

Minimum circuit ampacity:

Air-cooled: 5.6

Maximum fuse size:

Air Cooled: 15 amps

Machine Power Load:

Max: 961 W

Average: 865 W



- **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.

Specification

BTU Per Hour:

3,800 (average), and 6,000 (peak)

Refrigerant:

R410A - CFC 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
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



Regular
1 1/8" x 1 1/8" x 7/8"
(2.86 x 2.86 x 2.22 cm)
Cube weight 14.2 g



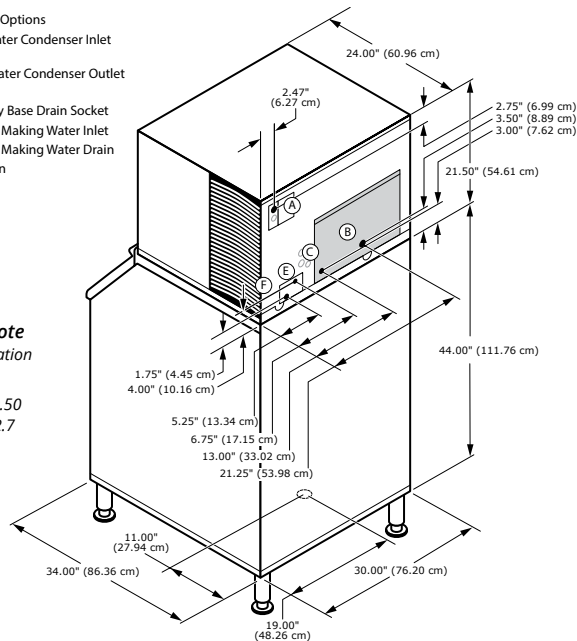
COMPANY WITH
QUALITY SYSTEM



iT0500 on D570 Storage Bin

- (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

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






Space-Saving Design



	iT0500 D400	iT0500 D570
Height	59.50" 151.13 cm	71.50" 181.61 cm
Width	30.00" 76.2 cm	30.00" 76.2 cm
Depth	34.00" 86.30 cm	34.00" 86.30 cm
Bin Storage	365 lbs. 165.7 kgs.	543 lbs. 241.1 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/ft³ average density of ice.

Specification

	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	
AIR COOLED	IRT0500A	Regular 	480 lbs.	370 lbs.	5.04	19 Gal.
			218 kgs	168 kgs		71.9 L
	IDT0500A	dice 	500 lbs.	385 lbs.	5.25	19 Gal.
			227 kgs	175 kgs		71.9 L
	IYT0500A	half-dice 	515 lbs.	420 lbs.	4.87	19 Gal.
			234 kgs	191 kgs		71.9 L

Order separately: Ice storage bin for all units
This product is hermetically sealed and contains fluorinated greenhouse gas R410A

Accessories

**LumiIce® 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