

iT0500 Ice Cube Machine

Models

- IRT0500A
 IDT0500A
 IYT0500A
 IRT0500W
 IDT0500W
 IYT0500W
 IDT0500N
 IYT0500N



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.
- **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 Growth Inhibitor** – Controls the growth of bacteria and yeast within the Food zone keeping the machine cleaner longer. A new indicator in the display keeps you abreast of the operational status.

Ice Machine Electric

115/60/1 standard
(208-230/60/1 also available)

Minimum circuit ampacity:

Air-cooled: 115v : 11.5, 208-230v : 5.1
Water-cooled: 115v : 10.8
Remote 115v : 13.7

Maximum fuse size:

Air Cooled: 15 amps
Water cooled: 15 amps
Remote: 20 amps



Specifications

Operating Limits:

BTU Per Hour:
3,800 (average),
and 6,000 (peak)

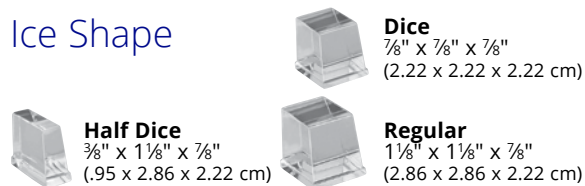
- Ambient Temperature Range: 40° to 110°F (4.4° to 43.3° C)
Water Temperature Range: 40° to 90°F (4.4° to 32.2° C)

Refrigerant:

R410A CFS - Free
Lowers global warming
by 48%

- Water Pressure Ice Maker Water In:
Min. 20 psi (137.9 kPa)
Max. 80 psi (551.1 kPa)

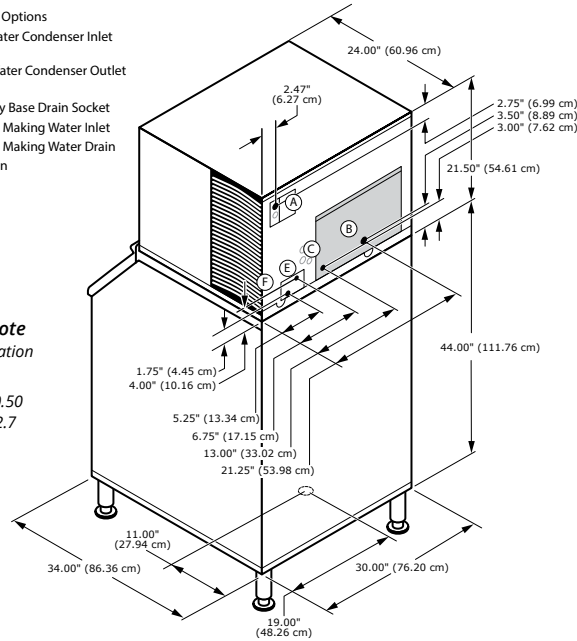
Ice Shape



COMPANY WITH
QUALITY SYSTEM

iT0500 on D-570 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)

Space-Saving Design



	iT0500 D-400	iT0500 D-570
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.

Specifications

	Model	Ice Shape	Ice Production 24 Hours		Power Usage kWh/100 lbs. @90°Air/70°F 1 Ph	Potable Water Usage/100 lbs. 45.4 kgs. of Ice
			70°Air/ 50°F Water	90°Air/ 70°F Water		
AIR COOLED	IRT0500A	Regular	500 lbs.	386 lbs.	5.04 ★	19 Gal. 71.9 L
			227 kgs	175 kgs		
	IDT0500A	dice	520 lbs.	400 lbs.	5.25 ★	19 Gal. 71.9 L
WATER COOLED	IYT0500A	half-dice	550 lbs.	440 lbs.	4.58 ★	19 Gal. 71.9 L
			249 kgs	200 kgs		
	IRT0500W	Regular	500 lbs.	406 lbs.	4.30	19 Gal. 71.9 L
			227 kgs	184 kgs		
IDT0500W	dice	500 lbs.	400 lbs.	4.41	19 Gal. 71.9 L	
		227 kgs	181 kgs			
IYT0500W	half-dice	535 lbs.	460 lbs.	3.90	19 Gal. 71.9 L	
		243 kgs.	209 kgs			
* Water-cooled Condenser Water Usage / 100 lbs. /45.4 kgs. Of Ice: 130 gal/ 492 L. *Water-cooled models are excluded from ENERGY STAR qualification.						
REMOTE COOLED	IDT0500N	half-dice	510 lbs.	450 lbs.	6.11	19 Gal. 71.9 L
			231 kgs	204 kgs		
	IYT0500N	dice	585 lbs.	500 lbs.	5.59 ★	19 Gal. 71.9 L
			265 kgs.	227 kgs		

Ice storage bin and JCT0500 remote condenser for remote units must be ordered separately

Order separately, ice storage bin units for "N" models remote condenser JCT0500
 ★ENERGY STAR[®] 3.0

Accessories

LuminIce[®] II Growth Inhibitor
 reduces yeast and bacteria growth for a cleaner 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.



iAUCS[®]
 schedules and performs routine ice machine cleaning automatically.



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



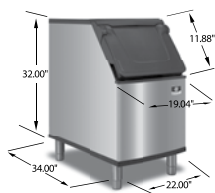
Ice Storage Bins

Model

- D320
 D400
 D420
 D570
 D970

D Bins

.75" (1.90 cm) Bin drain



D320
210 lbs. (95 kgs)
(Available January)



D570
430 lbs. (195 kgs)
(Available January)



D400
290 lbs. (132 kgs)
(Available January)



D970
710 lbs. (323 kgs)



D420
310 lbs. (141 kgs)
(Available January)



Ergonomic NSF approved sanitary ice scoop included

D Bin Features

New Sanitary Scoop Ergonomic NSF approved sanitary ice scoop included with each bin. Built-in knuckle and thumb guard. Unique molded retaining lip allows maximum scooping every time. Per scoop capacity approximately 5.3/ lbs (2.4 kg)

Scoop Holder options New built-in scoop holder, keeps the ice scoop handle above the ice, or purchases the optional NSF approved External Scoop Holder Kit # K00461. (Available January 2018)

New Door design Clever built in side grips allow you to lift the bin door from anywhere you are standing (left, right or center) even when you have just one hand free.

Foamed Insulated Door

Insulates the ice bin, reduces sweat on the door, helps keep ice lasting longer.

Stay up door Unique cammed bin door self-latch keeps the door in the open position and keeps the employee safe when scooping ice.

Ergonomic Door design Door is angled 53 degrees to allow for easier access to the ice in the bin especially when scooping from the bottom.

Duratech Metal Finish Manitowoc exterior material has better corrosion resistance than stainless steel, is smudge resistant and easy to keep clean.

New Bin liner Polyurethane Artic Blue bin liner accentuates the crisp clear ice from a Manitowoc Ice Machine.

Warranty

Bin & Accessories: 3 Year Parts & Labor.

D Bin Model	D-Bin Capacities						D-Bin Dimensions					
	*Application Capacity		**2017 AHRI Capacity		**2018 AHRI Capacity		Height		Width		Depth	
	lbs.	kgs	lbs.	kgs.	Cu. ft	Cu. M	in.	cm	in.	cm	in.	cm
D320	264	119.90	210	95.25	8.9	0.25	38	96.5	22	55.9	34	86.4
D420	383	173.79	310	140.61	12.9	0.37	50	127	22	55.9	34	86.4
D400	365	165.70	290	131.54	12.3	0.35	38	96.5	30	76.2	34	86.4
D570	532	241.14	430	195.05	17.9	0.51	50	127	30	76.2	34	86.4
D970	882	400.11	710	322.05	29.7	0.84	50	127	48	121.9	34	86.4

*Application Capacity is based on 90% of the volume x 33 lbs/ft³ average density of ice. Ice must be managed
 **2017 Approved AHRI capacity is based on 80% of the total volume x 30 lbs/ft³ average density of ice
 ***2018 AHRI certified measurement for bin capacity

Above bin heights include leg height of 6" / 15.24 cm
 All bins include sanitary plastic ice scoop and one set of adjustable (6 in to 7.75 in / 15.24 to 20.32 cm) chrome legs
 External Scoop holder order separately Kit # 000461



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