

**Project:**  
5000124321

**From:**  
Pueblo Hotel Supply  
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Job Reference Number: 23374

Item	Qty	Description	Sell	Sell Total
1	1 ea	<b>ICE CUBER</b> Manitowoc Model No. IDT-0450A Indigo NXT™ Series Ice Maker, cube-style, air-cooled, self-contained condenser, 30"W x 24"D x 21-1/2"H, production capacity up to 470 lb/24 hours at 70°/50° (358 lb AHRI certified tat 90°/70°), DuraTech™ exterior, regular dice size cubes, R410A refrigerant, NSF, cULus, CE, ENERGY STAR®	\$2,293.52	\$2,293.52
	1 ea	WARRANTY-ICE-SC 3 year parts & labor (Machine), 5 year parts & labor (Evaporator), 5 year parts & 3 years labor (Compressor), standard		
	1 ea	(-161) 115v/60/1-ph, 11.9 amps		
	1 ea	D-570 Ice Bin, 30"W x 34"D x 50"H, with side-hinged front-opening door, side grips, AHRI certified 532 lb ice storage capacity (17.9 cu. ft.), for top-mounted ice maker, Duratech exterior, NSF	\$832.67	\$832.67
	1 ea	WARRANTY-BIN/DISP 3 year parts & labor warranty, standard		
	1 ea	Legs, 6" adjustable stainless steel, standard		
<b>ITEM TOTAL:</b>				<b>\$3,126.19</b>
Total				\$3,126.19

Any and all damaged item(s) should be marked as such on delivery ticket and or refused and Grady's Restaurant and Bar Equipment should be notified immediately as to the extent of the damage so that we can address and work toward a solution immediately.

All packaging materials must be retained from damaged item(s) for freight inspector/adjuster claim.

Custom fabricated item(s) are **not** returnable. Buy-out item(s) may be returnable less the manufacturer's restocking fee, freight too and from, as well as any damages that may be incurred. The returned item(s) **must be new and unused.**

Credits for returned item(s) will only be given once the factory has issued credit to Grady's Restaurant and Bar Equipment

Freight is **not** included unless otherwise specified.

Price does **not** included fees, taxes, bond, permit, or licenses unless otherwise specified.



Acceptance: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Project Grand Total: \$3,126.19


**INDIGO<sup>®</sup> NXT**

iT0450 Ice Cube Machine

# iT0450 Ice Cube Machine

## Models

☐ IDT0450A    ☐ IYT0450A    ☐ IDT0450W    ☐ IYT0450W


Indigo NXT Series iT0450  
Ice Machine on D400 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 9% lower energy consumption, up to 12% increase in ice production and a 19% reduction in condenser water usage and a 5% reduction in potable water usage. . This translates into lower cost of ownership over the life of your machine.
- **easyTouch<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> Exterior** – Provides superior corrosion resistant above stainless steel. Innovative clear-coat resists fingerprints and dirt making it easier to keep clean.
- Available **LuminIce<sup>®</sup> 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 : 11.9, 208-230v : 5.6  
Water-cooled: 115v : 11.2, 208-230v : 5.3

### Maximum fuse size:

Air Cooled: 20 amps

Water cooled & 208-230 V: 15 amps

## Specifications

### Operating Limits:

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

### Refrigerant:

R410A CFS - Free  
Lowers global warming  
by 48%

- 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)



**Dice**  
 $\frac{7}{8}$ " x  $\frac{7}{8}$ " x  $\frac{7}{8}$ "  
(2.22 x 2.22 x 2.22 cm)



COMPANY WITH  
QUALITY SYSTEM

2110 South 26th Street  
Manitowoc, WI 54220

Tel: 1.920.682.0161  
Fax: 1.920.683.7589

[www.manitowocice.com](http://www.manitowocice.com)





# Indigo® NXT™ iT0450 Ice Cube Machine

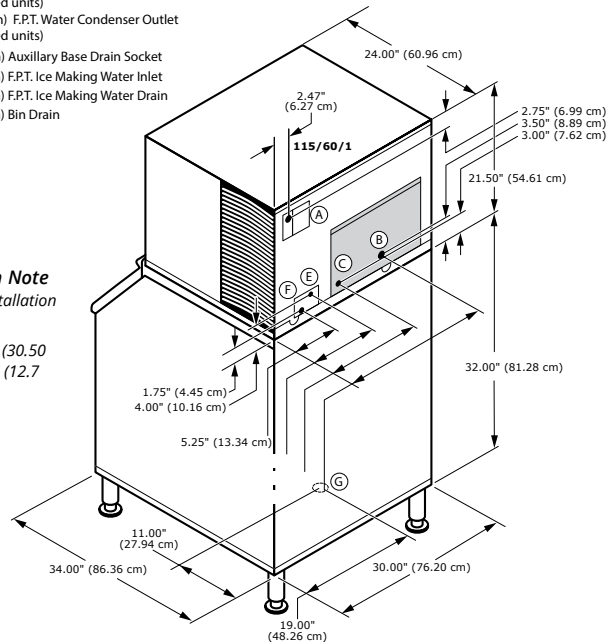
## iT0450 on D-400 Storage Bin

- (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



	iT0450 D-400	iT0450 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	365 lbs.	543 lbs.
Storage	165.7 kgs.	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/ft<sup>3</sup> average density of ice.

## Specifications

			Ice Production 24 Hours		Power Usage kWh/100 lbs. @90°F Air/70°F F	Potable Water Usage/100 lbs. 45.4 kgs. of Ice
	Model	Ice Shape	70°F Air/ 50°F Water	90°F Air/ 70°F Water	1 Ph	
AIR COOLED	IDT0450A	dice 	470 lbs.	358 lbs.	5.63 ★	19 Gal.
			213 kgs	162 kgs		71.9 L
	IYT0450A	half-dice 	490 lbs.	378 lbs.	5.52 ★	19 Gal.
			222 kgs	171 kgs		71.9 L
WATER COOLED	IDT0450W	dice 	430 lbs.	360 lbs.	4.75	19 Gal.
			195 kgs	163 kgs		71.9 L
	IYT0450W	half-dice 	470 lbs.	420 lbs.	4.70	19 Gal.
			213 kgs.	191 kgs		71.9 L
* Water-cooled Condenser Water Usage / 100 lbs. /45.4 kgs. Of Ice: 140 gal/ 530 L. *Water-cooled models are excluded from ENERGY STAR qualification.						

\* Water-cooled Condenser Water Usage / 100 lbs. /45.4 kgs. Of Ice: 140 gal/ 530 L.

\*Water-cooled models are excluded from ENERGY STAR qualification.

Order separately: Ice storage bin for all units

★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.

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## **ICE MACHINE WARRANTY**

Manitowoc Ice, Inc. (hereinafter referred to as the "COMPANY") warrants for a period of thirty-six months from the installation date (except as limited below) that new ice machines manufactured by the COMPANY shall be free of defects in material or workmanship under normal and proper use and maintenance as specified by the COMPANY and upon proper installation and start-up in accordance with the instruction manual supplied with the ice machine. The COMPANY'S warranty hereunder with respect to the compressor shall apply for an additional twenty-four months, excluding all labor charges, and with respect to the evaporator for an additional twenty-four months, including labor charges.

The obligation of the COMPANY under this warranty is limited to the repair or replacement of parts, components, or assemblies that in the opinion of the COMPANY are defective. This warranty is further limited to the cost of parts, components or assemblies and standard straight time labor charges at the servicing location.

Time and hourly rate schedules, as published from time to time by the COMPANY, apply to all service procedures. Additional expenses including without limitation, travel time, overtime premium, material cost, accessing or removal of the ice machine, or shipping are the responsibility of the owner, along with all maintenance, adjustments, cleaning, and ice purchases. Labor covered under this warranty must be performed by a COMPANY Contracted Service Representative or a refrigeration service agency as qualified and authorized by the COMPANY'S local Distributor. The COMPANY'S liability under this warranty shall in no event be greater than the actual purchase price paid by customer for the ice machine.

The foregoing warranty shall not apply to (1) any part or assembly that has been altered, modified, or changed; (2) any part or assembly that has been subjected to misuse, abuse, neglect, or accidents; (3) any ice machine that has been installed and/or maintained inconsistent with the technical instructions provided by the COMPANY; or (4) any ice machine initially installed more than five years from the serial number production date. This warranty shall not apply if the Ice Machine's refrigeration system is modified with a condenser, heat reclaim device, or parts and assemblies other than those manufactured by the COMPANY, unless the COMPANY approves these modifications for specific locations in writing.

**THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR GUARANTEES OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**

In no event shall the COMPANY be liable for any special, indirect, incidental or consequential damages. Upon the expiration of the warranty period, the COMPANY'S liability under this warranty shall terminate.

The foregoing warranty shall constitute the sole liability of the COMPANY and the exclusive remedy of the customer or user. To secure prompt and continuing warranty service, the warranty registration card or register on line within five (5) days from the installation date.

### **MANITOWOC ICE, INC.**

2110 So. 26th St., P.O. Box 1720, Manitowoc, WI 54221-1720

Telephone: 920-682-0161 • Fax: 920-683-7585

Web Site - [www.manitowocice.com](http://www.manitowocice.com)

Form 80-0373-3 Rev. 01/02





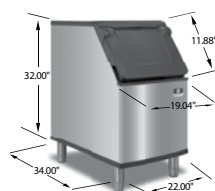
# Ice Storage Bins

## Model

☐ D320 ☐ D400 ☐ D420 ☐ D570 ☐ D970

## D Bins

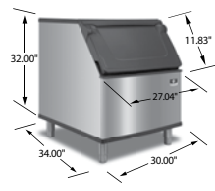
.75" (1.90 cm) Bin drain



D320  
210 lbs. (95 kgs)



D570  
430 lbs. (195 kgs)



D400  
290 lbs. (132 kgs)



D970  
710 lbs. (323 kgs)



D420  
310 lbs. (141 kgs)



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/ft<sup>3</sup> average density of ice. Ice must be managed

\*\*2017 Approved AHRI capacity is based on 80% of the total volume x 30 lbs/ft<sup>3</sup> 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



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

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# Ice Storage Bins

## D Bins

Indigo Ice Machines Series												
Machine			iT420	iT620	i300	iT450	iT500	iF600, iF600C	iF900, iF900C	iT1200, iT1200C	iF1400C iF1800C iF2100C	iT1500, iT1900
Machine Capacity @90/70 F			375	465	240	378	440	555, 530	710, 714	950, 1000	1200 1470 1600	1360 1455
Bins	Bin Cap	Width	22"	22"	30"	30"	30"	30"	30"	30"	30"	48"
D320	210	22"	*	*								
D420	290	22"	*	*								
D400	310	30"	K00472	K00472	*	*	*	*	NR	NR	NR	
D570	430	30"	K00472	K00472	*	*	*	*	*	*	NR	
D970	710	48"	NR	NR	NR	K00470	K00470	K00470	K00470	K00470	K00471 + K00470	*

Manitowoc Flaker and Nugget Machines											
		Machine	RNS0308 & RNF320	RF50300 &RFF320	RNF620	RFF0620	RNF1020	RFF1220	RNF1100	RFF1300	RFF2200C
Machine cap			251	286	451	540	825	958	825	874	1702
Bins	Bin cap	Width	22"	22"	22"	22"	22"	22"	30"	30"	36.7"
D320	210	22"	*	*	NR	NR	NR	NR			
D420	310	22"	*	*	*	*	NR	NR			
D400	290	30"	K00472	K00472	K00472	K00472	NR	NR	NR	NR	
D570	430	30"	NR	K00472	K00472	K00472	NR	NR	*	*	
D970	710	48"	NR	NR	K00473	K00473	K00473 if 2 used.	K00473 if 2 used.	K00470	K00470	K00470

An optional adapter is required when putting a narrower ice machine on a wider bin.

\* No adapter is needed

NR= Not Recommend. Bin too small or too large for application.

Putting a wider machine on narrower bin is not an option.

Machines side by side must be water cooled or remote.

Bin Capacity shown in lbs using the AHRI rating base on 80% of total volume x 30lb/ft<sup>3</sup> average density of ice.

Machine capacity shown in lbs/24hrs using the AHRI rating base at 90F ambient, 70F water temperature

## Available Accessories

See price book for replacement: scoops, legs, specialty legs and casters

### K00146 Convenient Ice Bagger

Includes bagger, D-bin adapter, and 250 bags and ties (Not for D320 or D400) Order K00068 replacement bags



### K00461 External Scoop Holder

NSF approved. Can be mounted on the left or right side of bins, horizontally or vertically or on a wall.



### K00463 Metal Scoop

Indestructible NFS approved aluminum alloy with sanitary knuckle and thumb guard. Works with K00461 external scoop holder or hangs inside the D-Bin series. Limited life time guarantee. (Available October 2018)



### K00462 Secure Fastening Kit

Securely fast the Indigo<sup>®</sup> ice machine head to the pre-drilled inserts on the back of the D-bin series. Stainless steel flanged feet attach to bin and can be screwed to the floor





## LIMITED WARRANTY FOR ICE STORAGE BIN & DISPENSERS

### LIMITED WARRANTY

Manitowoc Ice a division of Manitowoc FSG Operations, LLC, ("Company") warrants that new Ice Storage Bins or Dispensers sold by Company shall be free of defects in material or workmanship under normal and proper use and maintenance as specified by the Company and upon proper installation and start-up in accordance with the instruction manual supplied.

### WHAT IS COVERED

- Parts and Labor for a period of three (3) years.
  - Accessory Ice Transport Carts for two (2) years parts and labor.
- The Ice Storage Bin / Dispenser warranty begins on the date of the original installation. This warranty shall not apply to any Ice Storage Bin or Dispenser initially installed more than five (5) years from the serial number production date.

The obligation of the Company under this warranty is limited to the repair or replacement of parts, components, or assemblies that in the sole opinion of the Company are defective. This warranty is further limited to the cost of parts, components or assemblies and standard straight time labor charges at the servicing location.

Time and hourly rate schedules, as published from time to time by the Company, apply to all service procedures. Additional expenses including without limitation, travel time, overtime premium, material cost, accessing or removal of the Ice Storage Bin / Dispenser, or shipping are the responsibility of the purchaser, along with all maintenance, adjustments, cleaning, and ice purchases. Labor covered under this warranty must be performed by an approved Company contracted Service Representative or a refrigeration service agency as qualified and authorized by the Company's local Distributor. The Company's liability under this warranty shall in no event be greater than the actual purchase price paid by purchaser for the Ice Storage Bin or Dispenser.

### EXCLUSIONS FROM COVERAGE

- Repair or replacement of parts required because of misuse, improper care or storage, negligence, alteration, use of incompatible supplies or lack of specified maintenance shall be excluded.
- Normal maintenance items.
- Failures caused by adverse environmental, water conditions, or improper drainage.
- Improper or unauthorized repair.
- Any Ice Storage Bin / Dispenser that has been installed and/or maintained inconsistent with the instructions provided by the Company.
- Parts subject to damage beyond the control of Company, or to Ice Storage Bin's / Dispenser's which have been subject to accidents, damage in shipment, fire, floods, other hazards or acts of God that are beyond the control of the Company.
- This Limited Warranty shall not apply if the Ice Storage Bin / Dispenser is modified with parts and assemblies other than those manufactured by the Company, unless the Company approves these modifications for specific locations in writing prior to the commencement of such modification.

### LIMITATIONS OF LIABILITY

The preceding paragraphs set forth the exclusive remedy for all claims based on failure of, or defect in, Ice Storage Bins or Dispensers sold hereunder, whether the failure or defect arises before or during the warranty period, and whether a claim, however instituted, is based on contract, indemnity, warranty, tort (including negligence), strict liability, implied by statute, common-law or otherwise, and Company and agents shall not be liable for any claims for personal injuries or consequential damages or loss, howsoever caused. Upon the expiration of the warranty period, all such liability shall terminate. THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, WHETHER WRITTEN, ORAL, IMPLIED OR STATUTORY NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE SHALL APPLY, COMPANY DOES NOT WARRANT ANY PRODUCTS OR SERVICES OF OTHERS

### REMEDIES

The liability of Company for breach of any warranty obligation hereunder is limited to: (i) the repair or replacement of the Ice Storage Bin or Dispenser on which the liability is based, or with respect to services, re-performance of the services; or (ii) at Company's option, the refund of the amount paid for said equipment or services. Any breach by Company with respect to any item or unit of equipment or services shall be deemed a breach with respect to that item or unit or service only

### WARRANTY CLAIM PROCEDURE

Customer shall be responsible to:

- Complete and return warranty registration card or register on line within five (5) days from the installation date.
- All warranty service must be performed by an approved Manitowoc contracted or authorized Service Representative. To schedule a service appointment contact your local Manitowoc Service Representative or visit us at [www.manitowocice.com](http://www.manitowocice.com) to find a Service Representative near you.

### GOVERNING LAW

This Limited Warranty shall be governed by the laws of the state of Wisconsin, USA, excluding their conflicts of law principles. The United Nations Convention on Contracts for the International Sale of Goods is hereby excluded in its entirety from application to this Limited Warranty

### COMPLETE AND RETAIN FOR YOUR RECORD:

Distributor/Dealer \_\_\_\_\_

Model Number \_\_\_\_\_

Serial Number \_\_\_\_\_

Installation Date \_\_\_\_\_

Manitowoc Ice  
2110 South 26th Street  
P.O. Box 1720  
Manitowoc, WI 54221-1720  
Web site: [www.manitowocice.com](http://www.manitowocice.com)