Manitowoc®

INDIGO® NXT

# iT0420 Ice Cube Machine

iT0420 Ice Cube Machine

## Models

☐ IDT0420A ☐ IYT0420A ☐ IDT0420W ☐ IYT0420W

ENERGY STAR




Indigo NXT Series iT420
Ice Machine on D320 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.

- **New levels of Performance** – Showcasing an average of 41% lower energy consumption, 21% reduction in in potable water usage and a 34% 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 and night time programming.
- **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 food zone to keep the ice 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 works in conjunction with the acoutiscal ice sensing probe improving reliabilty and performance




## Ice Machine Electric

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

**Minimum circuit ampacity:**
Air-cooled: 11.3, 115v, 5.5 208-230v
Water-cooled: 10.6,-115v, 5.2 -208-230v

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

## Specifications

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

**Refrigerant:**
R410A CFS - Free
Lowers global warming
by 48%51.1 kPA)

**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)
- Potable Water Pressure:
  Min. 20 psi (137.9 kPA)
  Max. 80 psi (551.1 kPA)
- Condenser Water Pressure:
  Min. 20 psi (137.9 kPA)
  Max. 276 psi (1902.95 kPA)

## Ice Shape



**Half Dice**
⅜" x 1⅛" x ⅞"
(.95 x 2.86 x 2.22 cm)



**Dice**
⅞" x ⅞" x ⅞"
(2.22 x 2.22 x 2.22 cm)

CALIFORNIA LOW LEAD QUALIFIED Conforms to NSF-61 Annex G

ANSI CERTIFIED

NSF c UL US LISTED CE

AQ

ISO 9001:2015 Certification

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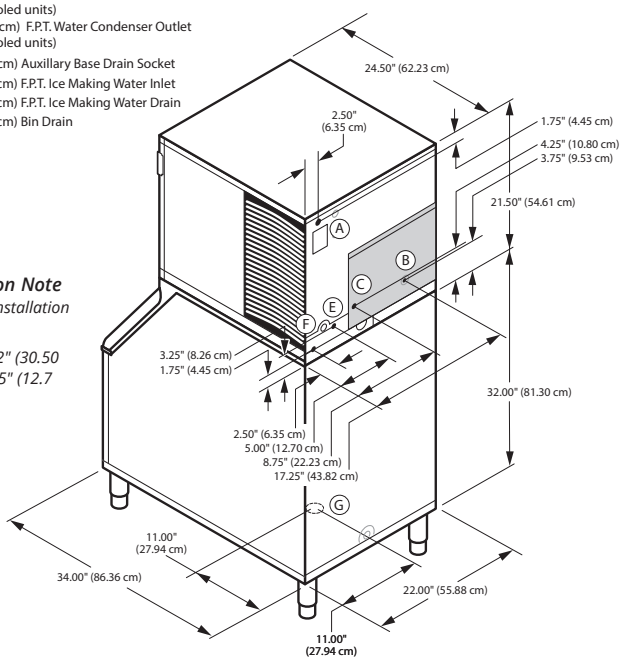
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# Indigo® NXT™ iT0420 Ice Cube Machine

## iT0420 on D-320 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) Auxillary 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



| | iT0420 D-320 | iT0420 D-420 |
|---|---|---|
| Height | 59.50" 151.13 cm | 71.50" 181.61 cm |
| Width | 22.00" 55.88 cm | 22.00" 55.88 cm |
| Depth | 34.00" 86.30 cm | 34.00" 86.30 cm |
| Bin Storage | 264 lbs. 118 kgs. | 383 lbs. 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/ft3 average density of ice.*

## Specifications

| | Model | Ice Shape | Ice Production 24 Hours | | Power Usage kWh/100 lbs. @90°Air/70°F | Potable Water Usage/100 lbs. 45.4 kgs. of Ice |
|---|---|---|---|---|---|---|
| | | | 70°Air/ 50°F Water | 90°Air/ 70°F Water | 1 Ph | |
| AIR COOLED | IDT0420A | dice | 470 lbs. | 375 lbs. | 5.6 ★ | 19.9 Gal. |
| | | | 213 kgs | 170 kgs | | 73.3 L |
| | IYT0420A | half-dice | 460 lbs. | 375 lbs. | 5.55 ★ | 19.9 Gal. |
| | | | 209 kgs | 170 kgs | | 73.3 L |
| WATER COOLED | IDT0420W | dice | 454 lbs. | 400 lbs. | 4.28 | 19.9 Gal. |
| | | | 206 kgs | 181 kgs | | 73.3 L |
| | IYT0420W | half-dice | 490 lbs. | 425 lbs. | 4.24 | 19.9 Gal. |
| | | | 222 kgs. | 193 kgs | | 73.3 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. | | | | | |

*Order separately: Ice storage bin for all units*
★ *ENERGY STAR® 3.0 qualified*

## Accessories

**LuminIce® II Virus and Bacteria Inhibitor**
controls viruses and bacteria in the ice machine.



**External Scoop holder**
protect the ice scoop with the NSF approved versatile scoop holder.



**Arctic Pure® Plus**
reduce sediments and chlorine contaminants down to .5 microns. Use with Pre-filter recommended.



**iAuCS®**
schedules and performs routine ice machine cleaning automatically.



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

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