Manitowoc®

INDIGO® NXT

50Hz

# iT0420 Ice Cube Machine

Indigo® NXT™ iT0420 Ice Cube Machine

## Models

☐ IDT0420A ☐ IYT0420A




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 increase of 65% in ice production, 26% reduction in energy usage and 21% reduction in potable 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 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
- Available **LuminIce® II Virus and Bacteria Inhibitor** – Controls viruses, bacteria, mold and yeast within the food zone 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: 5.7

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

## Specifications

**BTU Per Hour:**
3,800 (average),
and 6,000 (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**
⅜" x 1⅛" x ⅞"
(.95 x 2.86 x 2.22 cm)
Cube weight 5.7 g



**Dice**
⅞" x ⅞" x ⅞"
(2.22 x 2.22 x 2.22 cm)
Cube weight 8.5 g

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## 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: 21°Air /10°C Water 70°Air/ 50°F Water | Ice Production 24 Hours: 32°Air / 21°C Water 90°Air/ 70°F Water | Power Usage kWh 45.4 kg / 100 lbs @ 32°Air / 21°C Water 90°Air / 70°F Water: 1 Ph | Potable Water Usage/100 lbs. 45.4 kgs. of Ice |
|---|---|---|---|---|---|---|
| AIR COOLED | IDT0420A | dice | 450 lbs. | 360 lbs. | 5.6 | 19 Gal. |
| | | | 204 kgs | 163 kgs | | 72 L |
| | IYT0420A | half-dice | 450 lbs. | 360 lbs. | 5.4 | 19 Gal. |
| | | | 204 kgs | 163 kgs | | 72 L |

*Order separately: Ice storage bin for all units*
*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® Plus Water Filters**
reduce sediments and chlorine contaminants down to .5 microns. Use with a Pre-filter is recommended.



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

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