Manitowoc

INDIGO NXT

# 50Hz
# iT1500 Ice Cube Machine

iT1500 Ice Cube Machine

## Models

☐ IDT1500A ☐ IDT1500W ☐ IDT1500N ☐ IYT1500A ☐ IYT1500W ☐ IYT1500N




Indigo NXT Series iT1500
Ice Machine on D970 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 6% lower energy consumption, up to 9% increase in ice production and a 9% 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 and night time programming.
- **Easy to Clean Foodzone** – Easy Access front door panel. Removable water-trough, distribution tube, curtain, and sensing probes for fast and efficient cleaning. Select components 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: | 14.3 | *1ph* |
| Water-cooled: | 13.5 | *1ph* |
| Remote-cooled: | 14.6 | *1ph* |

**Maximum fuse size:**

| | | |
|---|---|---|
| Air-cooled: | 20 | *1ph* |
| Water-cooled: | 20 | *1ph* |
| Remote-cooled: | 20 | *1ph* |

## Specifications

**BTU Per Hour:**
23,000 (average),
and 27,000 (peak)

**Refrigerant:**
R-410 CFC-free

### 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



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



**Half Dice**
⅜" x 1⅛" x ⅞"
(.95 x 2.86 x 2.22 cm)
Cube weight 5.7 g



**Regular**
1⅛" x 1⅛" x ⅞"
(2.86 x 2.86 x 2.22 cm)
Cube weight 14.2 g

NSF CE AQ ISO 9001:2015

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Manitowoc®

50Hz

Indigo® NXT™ iT1500 Ice Cube Machine

## iT1500 on D970 Storage Bin

Ⓐ Electrical Entrance (2) Options

Ⓑ 1/2" (1.27 cm) F.P.T. Water Condenser Outlet (water-cooled units)

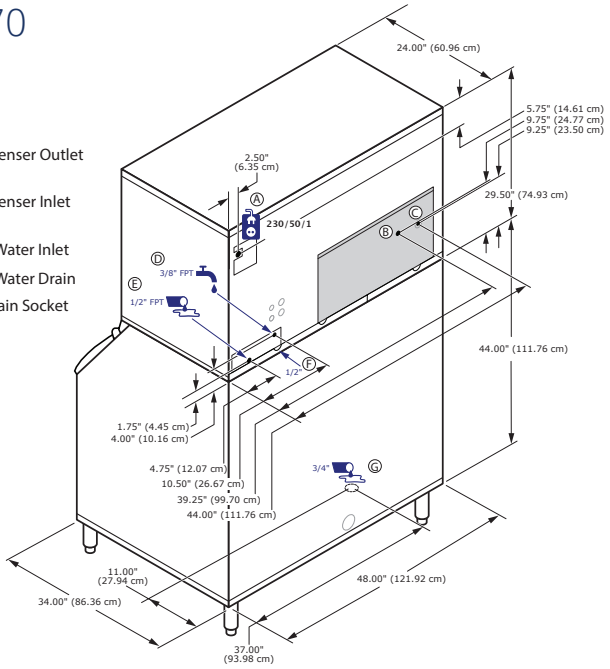
Ⓒ 3/8" (0.95 cm) F.P.T. Water Condenser Inlet (water-cooled units)

Ⓓ 3/8" (0.95 cm) F.P.T. Ice Making Water Inlet

Ⓔ 1/2" (1.27 cm) F.P.T. Ice Making Water Drain

Ⓕ 1/2" (1.27 cm) Auxillary Base Drain Socket

Ⓖ 3/4" (1.91 cm) Bin Drain




***Installation Note***

*Air Cooled clearance:*

*Top: 24" (61.0 cm)*
*Sides: 24" (61.0 cm)*
*Back: 5" (30.5 cm)*

*Water Cooled clearance:*

*Top/Sides: 8" (20.3 cm)Back: 5" (12.7 cm)*

## Space-Saving Design



| | iT1500 D970 |
|---|---|
| Height | 79.50" 201.90 cm |
| Width | 48.00" 121.92 cm |
| Depth | 34.00" 86.30 cm |
| Bin Storage | 882lbs 400kgs |

*Height includes adjustable bin legs 6.00" to 8.00", (15.24 to 20.32 cm) set at 6.00" (15.24 cm).*

*Application capacity -measured 90% of the total volume in cu. ft. x 33 lbs/ft3.*

## 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 | IDT1500A | dice | 1,487 lbs. | 1,170 lbs. | 4.21 | 20 Gal. |
| | | | 674 kgs | 531 kgs | | 75.7 L |
| | IYT1500A | half-dice | 1,487 lbs. | 1,249 lbs. | 4.21 | 20 Gal. |
| | | | 674 kgs | 567 kgs | | 75.7 L |
| WATER-COOLED | IDT1500W | dice | 1,422 lbs. | 1,304 lbs. | 3.27 | 20 Gal. |
| | | | 645 kgs | 591 kgs | | 75.7 L |
| | IYT1500W | half-dice | 1,427 lbs. | 1,272 lbs. | 3.50 | 20 Gal. |
| | | | 751 kgs | 624 kgs | | 75.7 L |
| | * Water-cooled Condenser Water Usage / 100 lbs. /45.4 kgs. Of Ice: 145 gal./ 549 L. | | | | | |
| REMOTE-COOLED | IDT1500N | dice | 1,422 lbs. | 1,272 lbs. | 3.90 | 20 Gal. |
| | | | 645 kgs | 577 kgs | | 75.7 L |
| | IYT1500N | half-dice | 1,650 lbs. | 1,480 lbs. | 3.90 | 20 Gal. |
| | | | 748 kgs. | 671 kgs | | 75.7 L |

*Order separately: Ice storage bin for all units, line-set and remote condenser unit JCT1500 for remote cooled 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.



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


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