# IT0750N Ice Cube Machine

Model: ☐ IDT-0750N ☐ IYT-0750N




Indigo NXT Series IT0750N
Ice Macine on a D570 Bin
*Ice machine and bin sold separately

Designed for operators who know that ice is critical to their business, the Manitowoc Indigo NXT Series Ice Machine provides reliable and consistent performance. Built-in preventative diagnostics and programmable operation help minimize downtime and optimize total cost of ownership.

### Sanitation

- **Easy Interior Cleaning** - hinged front door swings wide open, providing easy access to food zone. Removable water trough, distribution tube, curtain, water probe and water pump allow complete, efficient cleaning. Select components made with AlphaSan® antimicrobial
- **Low-Maintenance, Durable Exterior** - DuraTech® provides superior, corrosion resistance above stainless steel. Innovative clear coat resists fingerprints and dirt, helping keep the machine cleaner longer
- **Added Protection** - Available LuminIce® Growth Inhibitor helps control the growth of bacteria and yeast within the food zone. Indicator on the display provides operational status

### Sustainability & Value

- **Ease of Operation** - easyTouch® Display takes the guesswork out of owning and operating an ice machine with icon-based touch screen
- **Consistent Output** - Acoustical Ice Sensing Probe and Active Sense ensure consistent harvest, even in challenging water conditions and environments
- **Intelligent Diagnostics** - worry-free operation with 24-hour preventative maintenance and diagnostic feedback
- **Cost Savings** - reduce energy costs with programmable Ice production by scheduling during lower rate hours and controlling daily ice volume
- **Overall Lifetime Value** - lower cost of ownership over the life of machine with decreased energy consumption as compared to legacy R404A models

## Ice Machine Electric

208-230/60/1 standard
(230/50/1 also available)

**Minimum circuit ampacity:**
Remote: 8.9 *1ph*

**Maximum fuse size:**
Remote: 15.0 *1ph*

## Ice Shape



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



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

## Specifications

**BTU Per Hour:**
11,800 (average)
13,700 (peak)

**Refrigerant:**
R-410A 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)

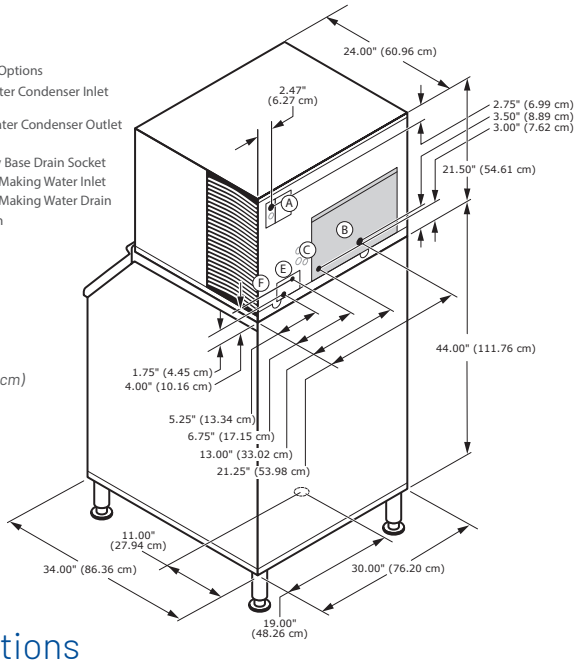
Water Pressure Ice Maker Water In:
Min. 20 psi (137.9 kPA)
Max. 80 psi (551.1 kPA)

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## IT0750N 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) 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 & Sides: 8" (20.32 cm)*
*Back: 5" (12.70 cm)*




## Space-Saving Designs



| | IT0750N D-400 | IT0750N D-570 |
|---|---|---|
| Height | 59.50" 151.13 cm | 71.50" 181.61 cm |
| Width | 30.00" 76.20 cm | 30.00" 76.20 cm |
| Depth | 34.00" 86.30 cm | 34.00" 86.30 cm |
| Bin Storage | 365 lbs. 165.70 kgs | 532 lbs. 241.10 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 | |
| REMOTE-COOLED | IDT-0750N-261 | dice | 690 lbs | 580 lbs | 5.38★ | 20.0 Gal. |
| | | | 313 kg | 263 kg | | 75.70 L |
| | IYT-0750N-261 | half-dice | 720 lbs | 619 lbs | 5.26★ | 20.0 Gal. |
| | | | 327 kg | 281 kg | | 75.70 L |
| | IYT0750N-261X | half-dice | 696 lbs | 605 lbs | 5.26★ | 20.0 Gal. |
| | | | 316 kgs | 275 kgs | | 75.70 L |

★ *ENERGY STAR 3.0 qualified*

**Commercial Warranty** - **Ice Maker** three (3) years parts and labor
**Evaporator** five (5) years parts and labor
**Compressor** five (5) years parts, three (3) years labor

## Standard Remote Tubing Kits

| Tubing Kit | Tubing Length |
|---|---|
| RT20R410A | 20 ft / 6.10 m |
| RT35R410A | 35 ft / 10.70 m |
| RT50R410A | 50 ft / 15.20 m |

Remote Condenser: -20° to 120° F (-29° to 49°C)

*Ice storage bin and JCT1200-261 remote condenser must be ordered separately. Consult remote condenser specification sheet for details.*
*Tubing Kits come pre-charged with quick connects.*



Standard Air-Cooled Remote JCT1200-261

## Accessories

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



**External Scoop Holder**
Protects the ice scoop with the NSF-approved, versatile scoop holder.



**Arctic Pure® Plus Water Filters**
Reduces sediments and contaminants down to 0.5 microns, and 95% of chlorine taste & odor. Use with a pre-filter is recommended.



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



PENTAIR
2110 South 26th Street | Manitowoc, WI 54220 | United States
920.682.0161 (US Only) | 920.683.7589 Fax | manitowocice.com

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