IT0900N Ice Cube Machine - 50Hz

Model: ☐ IDT-0900N ☐ IYT-0900N



Indigo NXT Series IT0900N
Ice Machine 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

(230/50/1)

Minimum circuit ampacity:
Remote: 9.0 *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:

12,700 (average)
14,800 (peak)

Refrigerant:

R-410A CFC-Free

Operating Limits:

Ambient Temperature Range:
40˚ to 110˚ F (4.4˚ to 43.3˚ C)
Remote Condenser:
-20˚ to 120˚ F (-29˚ to 49˚ 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)

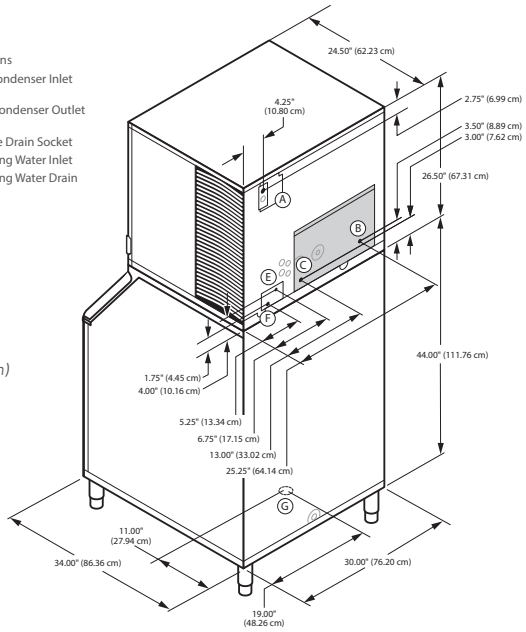
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IT0900N on D-570 Storage Bin

Ⓐ 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



	IT0900N D-570	IT0900N D-970
Height	76.50" 194.30 cm	76.50" 194.30 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: 70° Air/50° F Water 21° Air/10° C Water		Ice Production 24 Hours: 90° Air/70° F Water 32° Air/21° C Water		Power Usage kWh/100 lbs. @90° Air/70° F: 1 Ph	Potable Water Usage/100 lbs. 45.4 kgs of Ice	
REMOTE-COOLED	IDT-0900N	dice	756 lbs	343 kg	681 lbs	309 kg	5.04	20 Gal.	75.70 L
	IYT-0900N	half-dice	787 lbs	357 kg	717 lbs	325 kg	4.81	20 Gal.	75.70 L

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

Ice storage bin and JCT1200-251 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 JCT1200-251

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.



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