Manitowoc®

INDIGO® NXT

50Hz

iT0900 Ice Cube Machine

iT0900 Ice Cube Machine

Model:

☐ IRT0900A ☐ IYT0900A

☐ IDT0900A ☐ IRT0900W



Indigo NXT Series iT0900
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 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.

- **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 night time programming.
- **Easy to Clean Foodzone** – Hinged front door swings out for easy access. Removable water-trough, distribution tube, curtain, and sensing probes for fast and efficient cleaning. Select components made with AlphaSan® antimicrobial.
- **Intelligent Diagnostics** – provide 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 and/or hardware 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 *1ph*
Water-cooled:	13.3 *1ph*
Remote:	15.6 *1ph*

Maximum fuse size:

Air-cooled:	20 *1ph*
Water-cooled:	20 *1ph*
Remote:	25 *1ph*



Specifications

BTU Per Hour:
16,200 (average),
and 19,100 (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)
- 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

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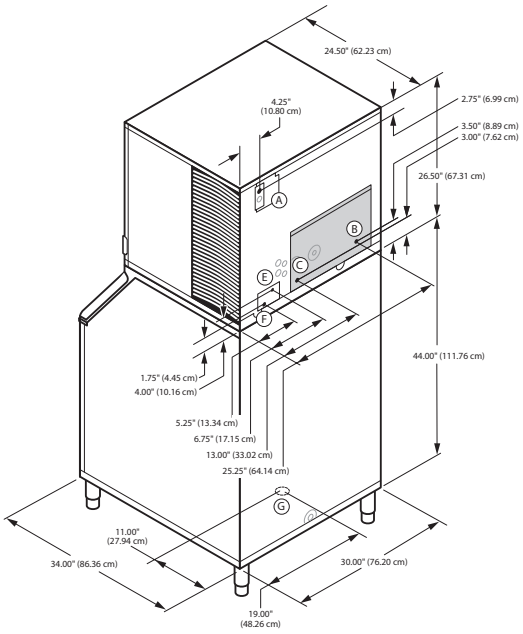
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iT0900 on D-570 Storage Bin



Installation Note
Minimum installation clearance:

Top/sides: 8" (20.32 cm); Back is 5" (12.7 cm)

Space-Saving Designs





	iT0900 D-570	iT0900 D-970
Height	76.50" 194.30 cm	76.50" 194.30 cm
Width	30.00" 76.20 cm	48.00" 121.9 cm
Depth	34.00" 86.30 cm	34.00" 86.30 cm
Bin Storage	532 lbs. 241 kgs	822 lbs. 400 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

			Ice Production 24 Hours				Power Usage kWh/ 45.4 kgs /100 lbs. @ 32°Air / 21°C Water 90°Air/70°F Water	Water Usage/100 lbs. 45.4 kgs. of Ice	
	Model	Ice Shape	21°Air / 10°C water 70°Air/ 50°F Water		32°Air / 21°C Water 90°Air/ 70°F Water		1 Ph	Potable Water	
AIR-COOLED	IRT0900A	regular	765 lbs	347 kg	662 lbs	300 kg	4.62	19 Gal.	71.9 L
AIR-COOLED	IDT0900A	dice	840 lbs	381 kg	688 lbs	312 kg	4.61	19 Gal.	71.9 L
AIR-COOLED	IYT0900A	half-dice	833 lbs	378 kg	741 lbs	336 kg	4.59	19 Gal.	71.9 L
WATER-COOLED	IRT0900W	regular	735 lbs	333 kg	650 lbs	295 kg	4.57	19 Gal.	71.9 L
* Water-cooled Condenser Water Usage / 100 lbs. /45.4 kgs. Of Ice: 145 gal / 549 L .									

Order ice storage bin separately. Ice storage bin and JCF900 remote condenser must be ordered separately. Consult remote condenser specification sheet for details.
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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