Manitowoc®

INDIGO® NXT

iT1900 Ice Cube Machine

iT1900 Ice Cube Machine

Models

- ☐ IRT1900A
- ☐ IDT-1900A
- ☐ IYT1900A
- ☐ IDT1900W
- ☐ IYT1900W
- ☐ IRT1900N
- ☐ IDT1900N
- ☐ IYT1900N

ENERGY STAR



Indigo NXT Series iT1900
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.
- **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.
- **DuraTech® Exterior** – Provides superior corrosion resistant above stainless steel. Innovative clear-coat resists fingerprints and dirt making it easier to keep clean.
- Available **LuminIce® II Virus and Bacteria Inhibitor** – Controls viruses, bacteria, mold, and yeast within the food zone to keep the ice 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 works in conjunction with the acoustical ice sensing probe improving reliability and performance.

Ice Machine Electric

208-230/60/1 standard

Minimum circuit ampacity:

Air-cooled:	20.1	*1ph*	14.4	*3ph*
Water-cooled:	18.8	*1ph*	13.0	*3ph*
Remote-cooled:	19.3	*1ph*	13.1	*3ph*

Maximum fuse size:

Air-cooled:	30	*1ph*	20	*3ph*
Water-cooled:	30	*1ph*	20	*3ph*
Remote-cooled:	30	*1ph*	20	*3ph*

COMMERCIAL WARRANTY

ICE MAKER	EVAPORATOR	COMPRESSOR
3 YEAR PARTS AND LABOR	5 YEAR	5 YEAR PARTS 3 YEAR LABOR

Specifications

BTU Per Hour:
26,100 (average),
and 30,500 (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)



Half Dice
⅜" x 1⅛" x ⅞"
(.95 x 2.86 x 2.22 cm)



Regular
1⅛" x 1⅛" x ⅞"
(2.86 x 2.86 x 2.22 cm)

CALIFORNIA LOW LEAD QUALIFIED · ANSI CERTIFIED · NSF c UL US LISTED · CE · AQ · ISO

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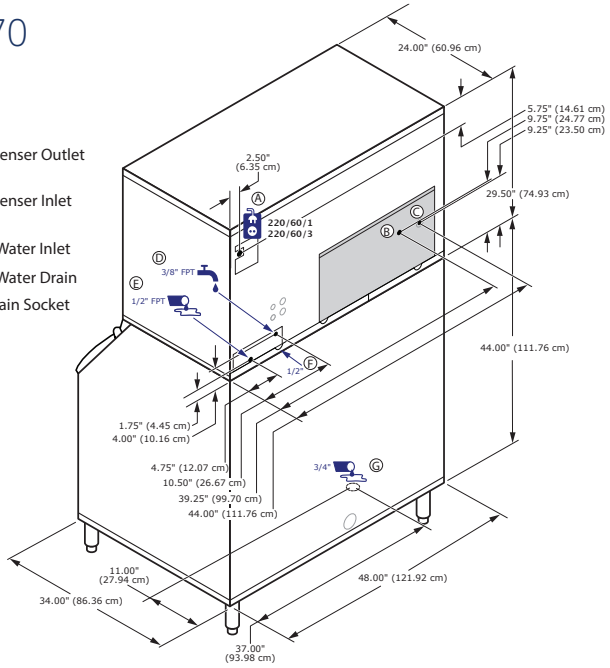
Indigo® NXT™ iT1900 Ice Cube Machine

iT1900 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/Sides: 24" (61 cm)
Back: 12" (31 cm)

Water Cooled clearance:
Top/Sides: 8" (20.3 cm)
Back: 5" (13 cm)



Space-Saving Design



	iT1900 D970
Height	79.50" 201.90 cm
Width	48.00" 121.92 cm
Depth	34.00" 86.30 cm
Bin Storage	882 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).

Application 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	
AIR-COOLED	IRT1900A	regular	1,895 lbs.	1,407 lbs.	4.65	20 Gal.
			860 kgs	638 kgs		75.7 L
	IDT1900A	dice	1965 lbs.	1,470 lbs.	4.62	20 Gal.
			891 kgs	667 kgs		75.7 L
	IYT1900A	half-dice	1,965 lbs.	1,535 lbs.	4.60	20 Gal.
			891 kgs	696 kgs		75.7 L
WATER-COOLED	IDT1900W	dice	1,900 lbs.	1,666 lbs.	3.51	20 Gal.
			862 kgs	755 kgs		75.7 L
	IYT1900W	half-dice	1,960 lbs.	1,758 lbs.	3.44	20 Gal.
			889 kgs	797 kgs		75.7 L
	- Water-cooled Condenser Water Usage / 100 lbs. /45.4 kgs. Of Ice: 145 gal./ 549 L. - Water-cooled models are excluded from ENERGY STAR qualification.					
REMOTE-COOLED	IRT1900N	regular	1,780 lbs.	1,545 lbs.	4.26	20 Gal.
			807 kgs	701 kgs		75.7 L
	IDT1900N	dice	1,915 lbs.	1,643 lbs.	4.02 ★	20 Gal.
			869 kgs	745 kgs		75.7 L
	IYT1900N	half-dice	2,020 lbs.	1,744 lbs.	4.00 ★	20 Gal.
			916 kgs.	791 kgs		75.7 L

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

★ *ENERGY STAR® 3.0 qualified*

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® Water Filters
reduces sediment and chlorine odors for better tasting ice.



iAuCS®
schedules and performs routine ice machine cleaning automatically.



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