

50Hz

iP0500 Ice Cube Machine

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Models

- IDP0500A IYP0500A



Indigo NXT Series iP0500 Ice Machine on D570 Bin

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.

- **R290 Natural Refrigerant** - Minimize global warming potential and still maintain high performance with R290 Propane Refrigerant.
- **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.
- **Easy to Clean Foodzone** - Hinge front door swing out for easy access. Removable water-trough, distribution tube, curtain, water probe and water pump for fast and efficient cleaning. Selected components are 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 foodzone 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: 5.6

Maximum fuse size:

Air Cooled: 15 amps



Power Load:

Max: 835 W
Average: 750 W

Specifications

BTU Per Hour:

6,100 (average),
and 6,900 (peak)

Refrigerant:

R290 CFS Free.
Non- ozone depleting
and near zero GWP

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)

Ice Shape



Half Dice
3/8" x 1 1/8" x 7/8"
(.95 x 2.86 x 2.22 cm)
Cube weight 5.7 g



Dice
7/8" x 7/8" x 7/8"
(2.22 x 2.22 x 2.22 cm)
Cube weight 8.5 g



COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV
= ISO 9001:2015 =

4931A 02/19



iP0500 on D570 Storage Bin

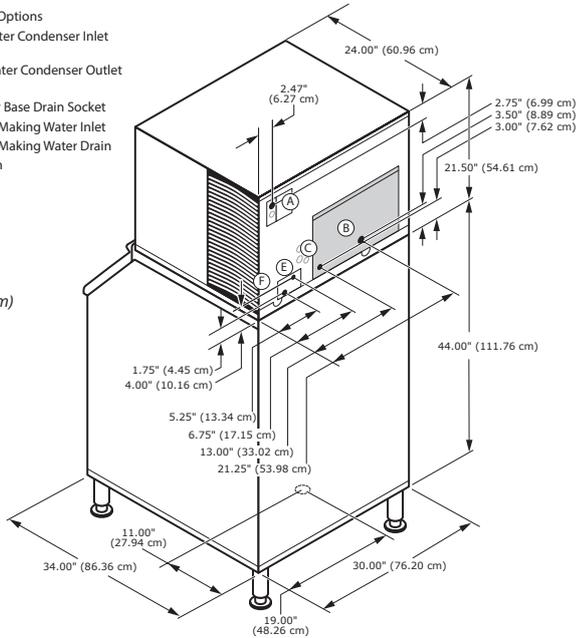
- (A) Electrical Entrance (2) Options
- (B) 3/8" (0.95 cm) F.P.T. Water Condenser Inlet (water-cooled units)
- (C) 1/2" (1.27 cm) F.P.T. Water Condenser Outlet (water-cooled units)
- (D) 1/2" (1.27 cm) Auxillary Base Drain Socket
- (E) 3/8" (0.95 cm) F.P.T. Ice Making Water Inlet
- (F) 1/2" (1.27 cm) F.P.T. Ice Making Water Drain
- (G) 3/4" (1.91 cm) Bin Drain

Installation Note

Minimum installation clearance:

Top/side: 12" (30.50 cm)
Back is 5" (12.7 cm)

Shipping Weight
72 kg
159 lbs



Space-Saving Design



	iP0500 D400	iP0500 D570
Height	59.50" 151.13 cm	71.50" 181.61 cm
Width	30.00" 76.2 cm	30.00" 76.2 cm
Depth	34.00" 86.30 cm	34.00" 86.30 cm
Bin Storage	365 lbs. 165.7 kgs.	543 lbs. 241.1 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.

Specification

	Model	Ice Shape	Ice Production 24 Hours		Power Usage kWh 45.4 kg / 100 lbs @ 32°Air / 21°C Water 90°Air / 70°F Water	Potable Water Usage/100 lbs. 45.4 kgs. of Ice
			21°Air / 10°C Water 70°Air / 50°F Water	32°Air / 21°C Water 90°Air / 70°F Water		
AIR COOLED	IDP0500A	dice	420 lbs.	345 lbs.	1 Ph	19 Gal.
			191 kgs	156 kgs		71.9 L
	IYP0500A	half-dice	440 lbs.	360 lbs.	5.06	19 Gal.
			200 kgs	163 kgs		71.9 L

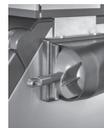
R290 is a refrigerant grade propane, which is naturally occurring with no ozone depletion potential and extremely low global warming potential

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.



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