iT0500 Ice Cube Machine

Models

- IRT0500A
- IDT0500A
- IYT0500A
- IRT0500W
- IDT0500W
- IYT0500W
- IDT0500N
- IYT0500N

Indigo NXT Series iT0500 Ice Cube 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.

- **New levels of Performance** – Showcasing an average of 12% lower energy consumption and a 23% 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 it’s 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 Growth Inhibitor** – Controls the growth of bacteria and yeast within the Food zone keeping the machine cleaner longer. A new indicator in the display keeps you abreast of the operational status.

**Ice Machine Electric**

- **115/60/1 standard** (208-230/60/1 also available)
- **Minimum circuit ampacity:**
  - Air-cooled: 115v : 11.5, 208-230v : 5.1
  - Water-cooled: 115v : 10.8
  - Remote: 115v : 13.7
- **Maximum fuse size:**
  - Air Cooled: 15 amps
  - Water cooled: 15 amps
  - Remote: 20 amps

**Specifications**

- **BTU Per Hour:**
  - 3,800 (average), and 6,000 (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)
- **Water Pressure Ice Maker**
  - **Water In:**
    - Min. 20 psi (137.9 kPA)
    - Max. 80 psi (551.1 kPA)

**Ice Shape**

- **Dice**
  - 7/8" x 7/8" x 7/8" (2.22 x 2.22 x 2.22 cm)
- **Half Dice**
  - 3/8" x 3/8" x 3/8" (2.22 x 2.22 x 2.22 cm)
- **Regular**
  - 1/2" x 1/2" x 1/2" (2.86 x 2.86 x 2.22 cm)

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Indigo® NXT™ iT0500 Ice Cube Machine

**iT0500 on D-570 Storage Bin**

- Electrical Entrance (2) Options
- 3/8” (9.53 mm) FPT Water Condenser Inlet (water-cooled units)
- 1/2” (12.7 mm) FPT Water Condenser Outlet (water-cooled units)
- 1/2” (12.7 cm) Auxiliary Base Drain Socket
- 3/8” (9.53 mm) FPT Ice Making Water Inlet
- 1/2” (12.7 cm) FPT Ice Making Water Drain
- 3/4” (19.1 cm) Bin Drain

**Installation Note**
Minimum installation clearance:
- Topside: 12” (30.5 cm)
- Back: 5” (12.7 cm)

**Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>Ice Shape</th>
<th>Ice Production 24 Hours</th>
<th>Power Usage</th>
<th>Potable Water Usage/100 lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>IRT0500A</td>
<td>Regular</td>
<td>500 lbs.</td>
<td>386 lbs.</td>
<td>5.04 kWh/100 lbs. @90°F/70°F</td>
</tr>
<tr>
<td></td>
<td></td>
<td>227 kgs.</td>
<td>175 kgs.</td>
<td>19 Gal.</td>
</tr>
<tr>
<td>IDT0500A</td>
<td>dice</td>
<td>520 lbs.</td>
<td>400 lbs.</td>
<td>5.25 kWh/100 lbs. @90°F/70°F</td>
</tr>
<tr>
<td></td>
<td></td>
<td>236 kgs.</td>
<td>181 kgs.</td>
<td>19 Gal.</td>
</tr>
<tr>
<td>IYT0500A</td>
<td>half-dice</td>
<td>550 lbs.</td>
<td>440 lbs.</td>
<td>4.58 kWh/100 lbs. @90°F/70°F</td>
</tr>
<tr>
<td></td>
<td></td>
<td>249 kgs.</td>
<td>200 kgs.</td>
<td>19 Gal.</td>
</tr>
<tr>
<td>IRT0500W</td>
<td>Regular</td>
<td>500 lbs.</td>
<td>406 lbs.</td>
<td>4.30 kWh/100 lbs. @90°F/70°F</td>
</tr>
<tr>
<td></td>
<td></td>
<td>227 kgs.</td>
<td>184 kgs.</td>
<td>19 Gal.</td>
</tr>
<tr>
<td>IDT0500W</td>
<td>dice</td>
<td>500 lbs.</td>
<td>400 lbs.</td>
<td>4.41 kWh/100 lbs. @90°F/70°F</td>
</tr>
<tr>
<td></td>
<td></td>
<td>227 kgs.</td>
<td>181 kgs.</td>
<td>19 Gal.</td>
</tr>
<tr>
<td>IYT0500W</td>
<td>half-dice</td>
<td>535 lbs.</td>
<td>460 lbs.</td>
<td>3.90 kWh/100 lbs. @90°F/70°F</td>
</tr>
<tr>
<td></td>
<td></td>
<td>243 kgs.</td>
<td>209 kgs.</td>
<td>19 Gal.</td>
</tr>
</tbody>
</table>

**WATER COOLED**

<table>
<thead>
<tr>
<th>Model</th>
<th>Ice Shape</th>
<th>Ice Production 24 Hours</th>
<th>Power Usage</th>
<th>Potable Water Usage/100 lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDT0500N</td>
<td>dice</td>
<td>510 lbs.</td>
<td>450 lbs.</td>
<td>6.11 kWh/100 lbs. @90°F/70°F</td>
</tr>
<tr>
<td></td>
<td></td>
<td>231 kgs.</td>
<td>204 kgs.</td>
<td>19 Gal.</td>
</tr>
<tr>
<td>IYT0500N</td>
<td>half-dice</td>
<td>585 lbs.</td>
<td>500 lbs.</td>
<td>5.59 kWh/100 lbs. @90°F/70°F</td>
</tr>
<tr>
<td></td>
<td></td>
<td>265 kgs.</td>
<td>227 kgs.</td>
<td>19 Gal.</td>
</tr>
</tbody>
</table>

**REMOTE COOLED**

<table>
<thead>
<tr>
<th>Model</th>
<th>Ice Shape</th>
<th>Ice Production 24 Hours</th>
<th>Power Usage</th>
<th>Potable Water Usage/100 lbs.</th>
</tr>
</thead>
</table>

**Space-Saving Design**

- iT0500 D-400
- iT0500 D-570
- Height 59.50” 71.50”
- Width 30.00” 30.00”
- Depth 34.00” 34.00”
- Bin 365 lbs. 543 lbs.
- Storage 165.7 kgs. 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.

**Accessories**

- LuminIce® II Growth Inhibitor reduces yeast and bacteria growth for a cleaner 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.

**Order separately, ice storage bin units for “N” models remote condenser JCT0500 remote units must be ordered separately**

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

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