

# Льдогенераторы серий iF0500N, iF0900N

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# Indigo<sup>®</sup> NXT<sup>™</sup> IF0500N Ice Cube Machine

Model: ☐ IDF0500N ☐ IYF0500N



Indigo NXT Series IF0500N  
Ice Machine on D-570 Bin

\*Ice machine and bin sold separately

## Traditional Remote Air-Cooled Ice Cube Machine

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<sup>®</sup> 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 and night time programming.
- **Easy to Clean Foodzone** – Hung door for easy access. Removable water-trough, distribution tube, splash guard, water probe and water pump for fast and efficient cleaning. Selected components are made with AlphaSan<sup>®</sup> 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<sup>®</sup> Exterior** – Provides superior corrosion resistant above stainless steel. Innovative clear-coat resists fingerprints and dirt making it easier to keep clean.
- **Available LuminIce<sup>®</sup> 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 solution works in conjunction with the acoustical ice sensing probe improving reliability and performance.

## Ice Shape



### Half Dice

$\frac{3}{8}$ " x  $1\frac{1}{8}$ " x  $\frac{7}{8}$ "  
(0.95 x 2.86 x 2.22 cm)



### Dice

$\frac{7}{8}$ " x  $\frac{7}{8}$ " x  $\frac{7}{8}$ "  
(2.22 x 2.22 x 2.22 cm)

### 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

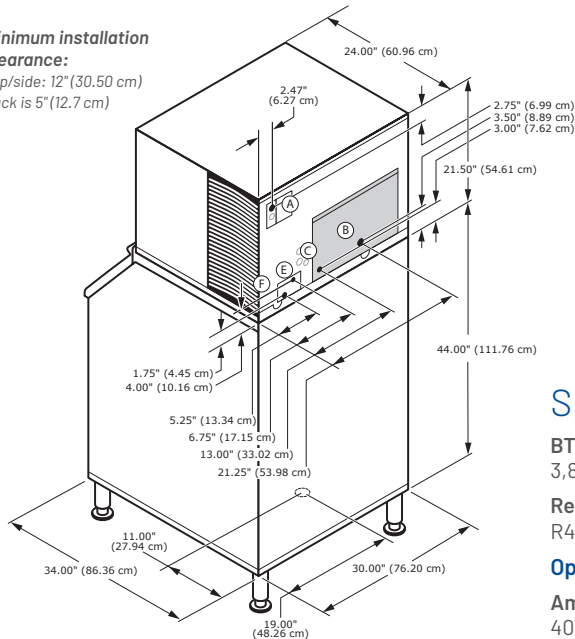


# Indigo® NXT™ IF0500N Ice Cube Machine

## IF0500N on D-570 Storage Bin

### Minimum installation clearance:

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



- 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) Auxiliary 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

## Specifications

**BTU Per Hour:**  
3,800 (average), and 6,000 (peak)

**Refrigerant:**  
R404A CFS - 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 (551.1 kPa)

## Space-Saving Design



### IF0500N D-400

### IF0500N D-570

|             |                        |                        |
|-------------|------------------------|------------------------|
| Height      | 59.50"<br>151.13 cm    | 71.50"<br>181.61 cm    |
| Width       | 30.00"<br>76.2 cm      | 30.00"<br>76.2 cm      |
| Depth       | 34.00"<br>86.30 cm     | 34.00"<br>86.30 cm     |
| Bin Storage | 365 lbs.<br>165.7 kgs. | 532 lbs.<br>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/ft<sup>3</sup> average density of ice.

## Ice Machine Electric

115/60/1 standard

**Minimum circuit ampacity:**  
Remote 115v : 14.8

**Maximum fuse size:**  
Remote 20 amps

## Remote Air-Cooled Ice Machine

| Model    | Ice Shape | Ice Production 24 Hours |                      | Power Usage kWh/100 lbs @ 90°/70°F* | Potable Water Usage / 100 lbs. 45.4 kgs. of Ice |
|----------|-----------|-------------------------|----------------------|-------------------------------------|-------------------------------------------------|
|          |           | 70° Air/ 50° F Water    | 90° Air/ 70° F Water |                                     |                                                 |
| IDF0500N | dice      | 510 lbs/231 kgs         | 445 lbs/202 kgs      | 5.96                                | 19 Gal./71.9 L                                  |
| IYF0500N | half-dice | 525 lbs/238 kgs         | 465 lbs/211 kgs      | 6.0                                 | 19 Gal./71.9 L                                  |

Ice storage bin and JCF0500 remote condenser for remote units must be ordered separately.

## Standard Remote Tubing Kits

| Tubing Kit | Tubing Length  |
|------------|----------------|
| RT20R404   | 20 ft / 6.1 m  |
| RT35R404   | 35 ft / 10.7 m |
| RT50R404   | 50 ft / 15.2   |

Remote Ambient Operating Temperature:  
-20 to 120F (-29C to 49C)

## Accessories

### LuminIce® Virus and Bacteria Inhibitor

Controls viruses and bacteria in the ice machine.



### iAuCS®

Schedules and performs routine ice machine cleaning automatically.



### 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.



### External Scoop Holder

Protect the ice scoop with the NSF-approved versatile scoop holder.



# iF0900 Ice Cube Machine

## iF0900 Ice Cube Machine

Model:

☐ IYF-0900A

☐ IDF-0900N

☐ IYF-0900N



Indigo NXT Series iF0900N  
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.
- **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** – 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.
- **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 and yeast within the food zone to keep the machine cleaner 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

## Specifications

### BTU Per Hour:

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

### Refrigerant:

R-404A CFC-free

### Operating Limits:

Ambient Temperature  
Range:  
40 to 110 F (4.4 to XX.XX)

### Remote Condenser:

-20 to 120 F (-29 to 49C)

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 Machine Electric

208-230/60/1

(208-230/60/3 and 230/50/1  
also available)

### Minimum circuit ampacity:

Air: 7.2 3 ph  
Remote: 9.8 1ph 7.2 3ph

### Maximum fuse size:

Air: 15 3 ph  
Remote: 20 1ph 15 3ph



## Ice Shape



**Half Dice**  
3/8" x 1 1/8" x 7/8"  
(.95 x 2.86 x 2.22 cm)



**Dice**  
7/8" x 7/8" x 7/8"  
(2.22 x 2.22 x 2.22 cm)



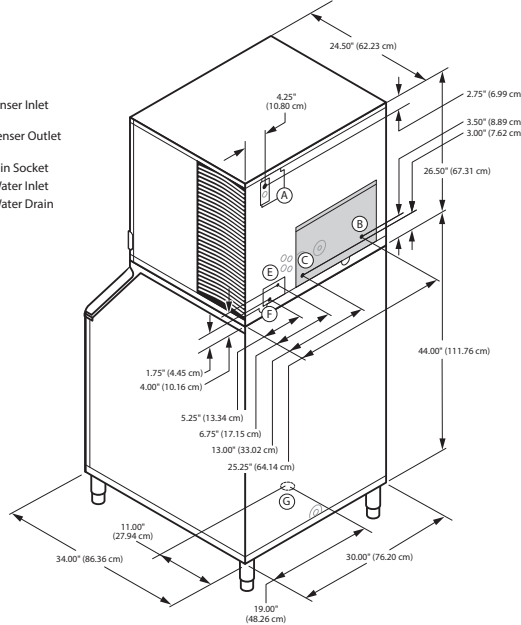


## iF0900N on D-570 Storage Bin

- Ⓐ 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) Auxiliary 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 is 5" (12.7 cm)



## Space-Saving Designs



|             | iF0900 D-570        | iF0900 D-970        |
|-------------|---------------------|---------------------|
| Height      | 82.50"<br>209.55 cm | 82.50"<br>209.55 cm |
| Width       | 30.00"<br>76.20 cm  | 48.00"<br>121.9 cm  |
| Depth       | 34.00"<br>86.30 cm  | 34.00"<br>86.30 cm  |
| Bin Storage | 532 lbs.<br>241 kgs | 882 lbs.<br>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/ft<sup>3</sup> average density of ice

## Specifications

|                |           |                                                                                               |           | Ice Production 24 Hours |           |                    |           | Power Usage<br>kWh/100 lbs.@90°Air/70°F |         | Potable Water<br>Usage/100 lbs.<br>(45.4 kgs.) of Ice |
|----------------|-----------|-----------------------------------------------------------------------------------------------|-----------|-------------------------|-----------|--------------------|-----------|-----------------------------------------|---------|-------------------------------------------------------|
|                |           |                                                                                               |           | 70°Air/ 50°F Water      |           | 90°Air/ 70°F Water |           |                                         |         |                                                       |
| Model          |           | Ice Shape                                                                                     |           | 1 ph                    | 3 ph      | 1 ph               | 3 ph      | 1 Ph                                    | 3 Ph    |                                                       |
| AIR-<br>COOLED | IYF-0900A | half-dice  | use R410A | 915 lbs                 | use R410A | 700 lbs            | use R410A | 5.21                                    | 19 Gal. |                                                       |
|                |           |                                                                                               | use R410A | 415 kg                  | use R410A | 415 kg             |           |                                         | 71.9 L  |                                                       |
|                | IDF-0900N | dice       | 793 lbs   | N.A.                    | 710 lbs   | N.A.               | 5.20      | N.A.                                    | 19 Gal. |                                                       |
|                |           |                                                                                               | 360 kg    | N.A.                    | 322 kg    | N.A.               |           |                                         | 71.9 L  |                                                       |
| REMOTE- COOLED | IYF-0900N | half-dice  | 830 lbs   | 830 lbs                 | 740 lbs   | 740 lbs            | 5.0       | 5.0                                     | 19 Gal. |                                                       |
|                |           |                                                                                               | 376 kg    | 376 kg                  | 336 kg    | 336 kg             |           |                                         | 71.9 L  |                                                       |

## Standard Remote Tubing Kits

| Tubing Kit | Tubing Length  |
|------------|----------------|
| RT20R404   | 20 ft / 6.1 m  |
| RT35R404   | 35 ft / 10.7 m |
| RT50R404   | 50 ft / 15.2   |



Standard air-cooled remote JCF0900-161

Ice storage bin and JCF0900 remote condenser must be ordered separately. Consult remote condenser specification sheet for details.  
Tubing Kits come pre-charge with quick connects. When ordering, add an A suffix at the end of the electrical option. Example: IYF0900N-261A

## 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**  
reduce sediments and chlorine contaminants down to .5 microns. Use with Pre-filter recommended



**iAuCS®**  
schedules and performs routine ice machine cleaning automatically.



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