

# iT1900 Ice Cube Machine

## Models

- |                                   |                                    |                                   |                                   |
|-----------------------------------|------------------------------------|-----------------------------------|-----------------------------------|
| <input type="checkbox"/> IRT1900A | <input type="checkbox"/> IDT-1900A | <input type="checkbox"/> IYT1900A | <input type="checkbox"/> IDT1900W |
| <input type="checkbox"/> IYT1900W | <input type="checkbox"/> IRT1900N  | <input type="checkbox"/> IDT1900N | <input type="checkbox"/> IYT1900N |



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 |

## 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 (551.1 kPa)

## 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)



**Regular**  
1 1/8" x 1 1/8" x 7/8"  
(2.86 x 2.86 x 2.22 cm)





## 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: 12" (30.5 cm)

Sides: 8" (20.3 cm)

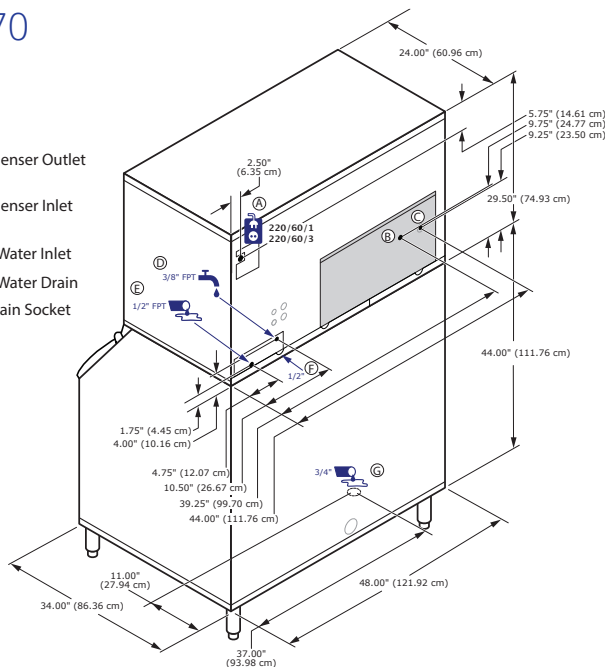
Back: 5" (12.5 cm)

Water Cooled

clearance:

Top/Sides: 8" (20.3 cm)

Back: 5" (12.7 cm)



## Space-Saving Design



|             | iT1900<br>D970      |
|-------------|---------------------|
| Height      | 79.50"<br>201.90 cm |
| Width       | 48.00"<br>121.92 cm |
| Depth       | 34.00"<br>86.30 cm  |
| Bin Storage | 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).

Application capacity is based on 90% of the volume x 33 lbs/ft<sup>3</sup> average density of ice

## Specifications

|               | Model    | Ice Shape | Ice Production 24 Hours |                      | Power Usage<br>kWh/100 lbs.<br>@90°F Air/70°F | Potable Water<br>Usage/100 lbs.<br>45.4 kgs. of Ice |
|---------------|----------|-----------|-------------------------|----------------------|-----------------------------------------------|-----------------------------------------------------|
|               |          |           | 70°F Air/ 50°F Water    | 90°F Air/ 70°F Water |                                               |                                                     |
| AIR-COOLED    | IRT1900A | regular   | 1,895 lbs.              | 1,407 lbs.           | 4.65                                          | 20 Gal.                                             |
|               |          |           | 860 kgs                 | 638 kgs              |                                               | 75.7 L                                              |
|               | IDT1900A | dice      | 1,965 lbs.              | 1,470 lbs.           | 4.62                                          | 20 Gal.                                             |
| WATER-COOLED  | IYT1900A | half-dice | 891 kgs                 | 667 kgs              | 4.60                                          | 75.7 L                                              |
|               |          |           | 1,965 lbs.              | 1,535 lbs.           |                                               | 20 Gal.                                             |
|               | IDT1900W | dice      | 1,900 lbs.              | 1,666 lbs.           | 3.51                                          | 20 Gal.                                             |
| REMOTE-COOLED | IYT1900W | half-dice | 862 kgs                 | 755 kgs              | 3.44                                          | 75.7 L                                              |
|               |          |           | 1,960 lbs.              | 1,758 lbs.           |                                               | 20 Gal.                                             |
|               | IYT1900N | half-dice | 889 kgs                 | 797 kgs              | 4.00 ★                                        | 75.7 L                                              |
| 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.                                             |
| REMOTE-COOLED | IYT1900N | half-dice | 869 kgs                 | 745 kgs              | 4.00 ★                                        | 75.7 L                                              |
|               |          |           | 2,020 lbs.              | 1,744 lbs.           |                                               | 20 Gal.                                             |
|               | IYT1900N | half-dice | 916 kgs.                | 791 kgs              | 4.00 ★                                        | 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.

