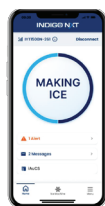


# iP0500

## Manitowoc Ice Cube Machine

IDP0500A | IRP0500A | IYP0500A  
IDP0500W | IYP0500W | IRP0500W



Get the App!



Indigo NXT Series iP0500  
Ice machine on D570 bin.  
Ice machine and bin sold separately.

## ICE SHAPES



▶ **Half-Dice:** 3/8" x 1 1/8" x 7/8"  
(0.95 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)

## SIZE

- ▶ Up to 516 lbs (234 kgs) of daily ice production
- ▶ 30" (76.20 cm) wide, 34" (86.36 cm) deep, and 71.5" (181.61 cm) high including 6" (15.25 cm) legs
- ▶ 532 lb (241 kgs) ice bin storage capacity\*

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

## SPECIFICATIONS

### Refrigerant: R290

- ▶ Air-cooled: 5.3 oz (150 g)
- ▶ Water-cooled: 5.3 oz (150 g)

### BTU Per Hour

- ▶ 8,800 (average)
- ▶ 10,570 (peak)

### Operating Limits

- ▶ Ambient temperature range: 35° to 110°F (1.7° 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)
- ▶ Water pressure condenser (water in)
  - Min. 20 psi (137.9 kPa)
  - Max. 275 psi (1,896 kPa)

### Power: 115/60/1 and 230/60/1

- ▶ Air-cooled-115V
  - Minimum circuit ampacity: 11.7 amps
  - Maximum fuse size: 20 Amps
- ▶ Air-cooled-230V
  - Minimum circuit ampacity: 6.6 amps
  - Maximum fuse size: 15 Amps
- ▶ Water-cooled-115V
  - Minimum circuit ampacity: 11.0 amps
  - Maximum fuse size: 15 amps

## FEATURES

- ▶ Sanitation
    - Hinged front door and removable components (water trough, tube, curtain, probe, pump) allow easy interior access and cleaning.
    - Select parts feature AlphaSan<sup>®</sup> antimicrobial protection.
    - DuraTech<sup>™</sup> exterior provides superior corrosion resistance compared to stainless steel. Innovative clear coat resists finger prints and dirt.
    - Optional LuminIce<sup>®</sup> Growth Inhibitor helps control bacteria and yeast, with status indicator on display.
  - ▶ Sustainability & Value
    - R290 offers low global warming potential and zero ozone depletion.
    - Energy-efficient models (see EnergyStar.gov)
    - Icon-based easyTouch<sup>®</sup> display simplifies operation.
    - Acoustical probe and Active Sense help ensure consistent ice production.
    - 24-hour diagnostics support preventative maintenance.
    - Designed with programmable ice production to take advantage of off-peak rates and/or shut off over night to lower lifetime costs.\*
    - Connect via Bluetooth for quick setup and instant machine information.
- \*Based on manufacturer assumptions without independent testing. Results may vary by settings and conditions.

## ACCESSORIES

- ▶ LuminIce<sup>®</sup> II virus and bacteria inhibitor helps control viruses and bacteria in the ice machine.
- ▶ iAuCS<sup>®</sup> schedules and performs routine ice machine descaling or sanitizing automatically.
- ▶ Arctic Pure<sup>®</sup> Pro water filters reduce sediments and chlorine contaminants down to 0.5 microns.  
For optimal performance, use the Arctic Pure prefilter in combination with the Arctic Pure primary filter.



LuminIce II



iAuCS



Arctic Pure Water Filters

# iP0500

## Manitowoc Ice Cube Machine

IDP0500A | IYP0500A | IRP0500A | IDP0500W | IYP0500W | IRP0500W

### INSTALLATION

Ice machine must be installed indoors.

Required clearance for

- top and sides: 16" (40.64 cm)
- back: 5" (12.7 cm)

**A** Electrical Entrance (2) Options

**B** 3/8" (0.95 cm) F.P.T.  
Water Condenser Inlet  
(water-cooled units)

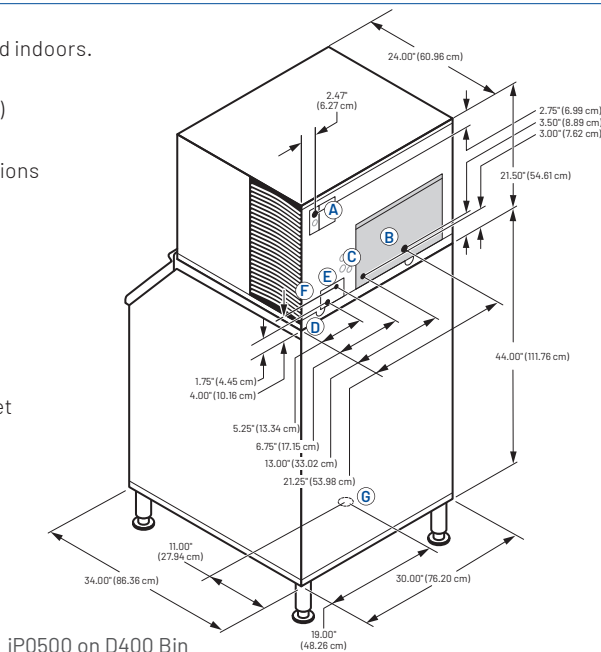
**C** 1/2" (1.27 cm) F.P.T.  
Water Condenser Outlet  
(water-cooled units)

**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



iP0500 on D400 Bin

### SPACE-SAVING DESIGN



**iP0500  
D400**

**iP0500  
D570**

|             |                     |                    |
|-------------|---------------------|--------------------|
| Height      | 59.50"<br>151.13 cm | 71.5"<br>181.61 cm |
| Width       | 30.0"<br>76.2 cm    | 30.0"<br>76.2 cm   |
| Depth       | 34.0"<br>86.36 cm   | 34.0"<br>86.36 cm  |
| Bin Storage | 365 lbs<br>165 kgs  | 532 lbs<br>241 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 and bin sold separately.

### SPECIFICATIONS

|                 | Model    | Ice Shape | Shipping Weight     | Ice Production 24 Hours                  |                                          | Power Usage<br>kWh per<br>100 lbs of ice | Ice Machine<br>Potable water usage<br>per 100 lbs ice | Condenser<br>water usage<br>per 100 lbs ice |
|-----------------|----------|-----------|---------------------|------------------------------------------|------------------------------------------|------------------------------------------|-------------------------------------------------------|---------------------------------------------|
|                 |          |           |                     | 70° Air/50°F Water<br>21° Air/10°C Water | 90° Air/70°F Water<br>32° Air/21°C Water |                                          |                                                       |                                             |
| Air<br>Cooled   | IDP0500A | Dice      | 149 lbs (67.59 kgs) | 515 lbs (233.6 kgs)                      | 421 lbs (190.9 kgs)                      | 5.49 ★                                   | 14.6 gal (55.27 L)                                    | N/A                                         |
|                 | IYP0500A | Half-Dice | 154 lbs (69.85 kgs) | 516 lbs (234 kgs)                        | 444 lbs (201.4 kgs)                      | 5.12 ★                                   | 14.3 gal (54.13 L)                                    | N/A                                         |
|                 | IRP0500A | Regular   | 154 lbs (69.85 kgs) | 509 lbs (230.8 kgs)                      | 411 lbs (186.4 kgs)                      | 5.52 ★                                   | 14.4 gal (54.51)                                      | N/A                                         |
| Water<br>Cooled | IDP0500W | Dice      | 154 lbs (69.85 kgs) | 496 lbs (224.9 kgs)                      | 397 lbs (180 kgs)                        | 4.85                                     | 13.9 gal (52.62 L)                                    | 135 gal (511 L)                             |
|                 | IYP0500W | Half-Dice | 148 lbs (67.13 kgs) | 509 lbs (230.8 kgs)                      | 455 lbs (206.4 kgs)                      | 4.32                                     | 14.2 gal (53.75)                                      | 135 gal (511 L)                             |
|                 | IRP0500W | Regular   | 154 lbs (69.85 kgs) | 484 lbs (219.5 kgs)                      | 374 lbs (169.6 kgs)                      | 4.99                                     | 14.4 gal (54.51)                                      | 135 gal (511 L)                             |

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

★ Energy Star Model

#### Limited 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



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