



ICE1406 ON BIOO

## Features

- Space-saving 26" (660 mm) tall design.
- Produces up to 1469 lbs (668 kg) of ice per day.
- *Harvest Assist* provides consistent ice production for the life of the ice maker while reducing energy consumption and increasing capacity.
- *Pure Ice®* exclusively by Ice-O-Matic. Built-in antimicrobial protection for the life of the ice maker inhibits bacteria growth on ice maker surfaces. Ice-O-Matic's optional water filtration system provides protection against unpleasant tastes, odors and scale formation.
- Durable, electroless nickel plating on all evaporator plates ensures reliability.
- *Longest warranty in the industry.* Purchase an Ice-O-Matic water filter with your cube ice maker, replace the filter every six months, and the evaporator warranty is extended to 7 years parts and labor (available in the U.S. and Canada only).
- Constructed from corrosion-resistant stainless steel and fingerprint-proof plastic.

## Options & Accessories

| WATER FILTERS     |          |             |        |
|-------------------|----------|-------------|--------|
| Ice Machine Model | Manifold |             | Inline |
|                   | System   | Replacement | System |
| ICE1406           | IFQ2     | IOMQ (2)    | n/a    |
| ICE1405           |          |             |        |
| ICE1407           |          |             |        |

## Ice Maker Warranty

Every Ice-O-Matic ice maker is backed by a warranty that provides both parts and labor coverage.

- Three years **Parts** and **Labor**.
- Five years **Parts** coverage on the evaporator and compressor.
- Seven years **Parts** and **Labor** on the evaporator when you purchase an Ice-O-Matic water filter with your cube ice maker and replace the filter every six months (available in the U.S. and Canada only).

## Ice Form



### CUBE

| FULL CUBE DIMENSIONS |   |
|----------------------|---|
| W x D x H (in.)      | 7 <sup>5</sup> / <sub>8</sub> x 7 <sup>5</sup> / <sub>8</sub> x 7 <sup>5</sup> / <sub>8</sub> |
| W x D x H (mm)       | 22 x 22 x 22  |
| HALF CUBE DIMENSIONS |   |
| W x D x H (in.)      | 3 <sup>5</sup> / <sub>8</sub> x 7 <sup>5</sup> / <sub>8</sub> x 7 <sup>5</sup> / <sub>8</sub> |
| W x D x H (mm)       | 10 x 22 x 22  |

## Bin Chart Kits for Combining Wider Bins with Smaller Models

| ICE STORAGE BINS |                  |                  |                  |                  |                  |                   |                  |                   |                   |                   |     |
|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|-------------------|-------------------|-------------------|-----|
| Model No.        | B25              | B40              | B42              | B55              | B70              | B90               | B100             | B120              | B150              | B170              |     |
| Capacity         | 242 lbs (110 kg) | 344 lbs (156 kg) | 351 lbs (160 kg) | 510 lbs (232 kg) | 741 lbs (337 kg) | 1023 lbs (465 kg) | 854 lbs (388 kg) | 1142 lbs (519 kg) | 1447 lbs (658 kg) | 1807 lbs (821 kg) |     |
| Width            | 30 in (762 mm)   | 30 in (762 mm)   | 22 in (559 mm)   | 30 in (762 mm)   | 30 in (762 mm)   | 30 in (762 mm)    | 48 in (1219 mm)  | 48 in (1219 mm)   | 60 in (1524 mm)   | 60 in (1524 mm)   |     |
| Kits             | ICE0400          | Kit Not Required |                  |                  |                  |                   |                  |                   |                   |                   |     |
|                  | ICE0405          |                  |                  |                  |                  |                   |                  |                   |                   |                   |     |
|                  | ICE0406          |                  |                  |                  |                  |                   |                  |                   |                   |                   | n/a |

\*See Ice-O-Matic Price List for Adapter Kits to combine ice makers with most available ice/beverage dispensers.

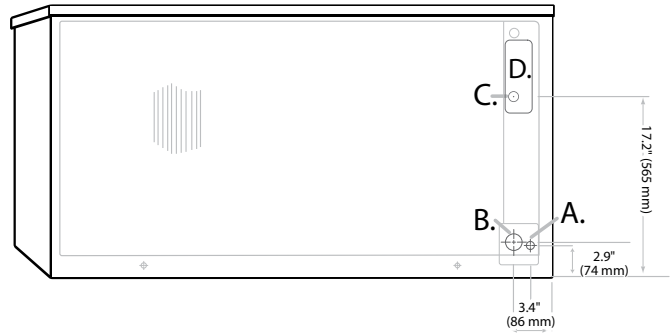
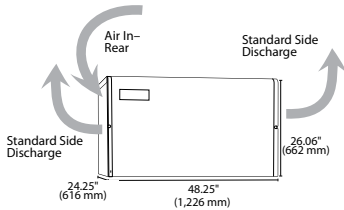


ICE1406/1405/1407 CUBE ICE MAKER

**Air Cooled**

Please note: air-cooled units require 6" (152 mm) clearance for air intake and exhaust.

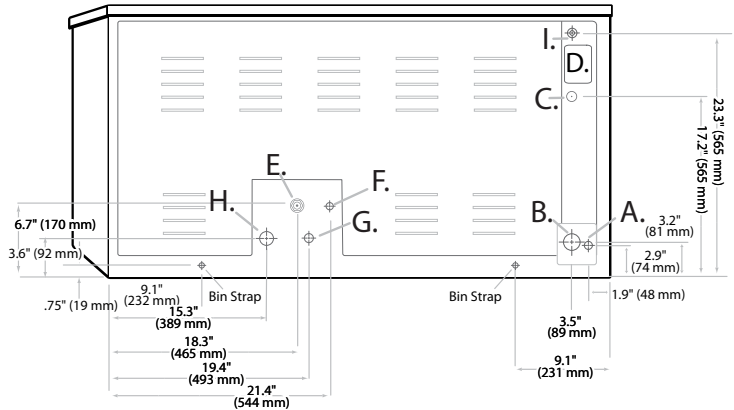
- A. Ice maker potable water in, 3/8" FPT.
- B. Ice maker water out, 3/4" FPT.
- C. Hole for electrical connections, 7/8".
- D. Electrical junction box.



Air Cooled

**Water Cooled/Remote**

- A. Ice maker potable water in, 3/8" FPT.
- B. Ice maker water out, 3/4" FPT.
- C. Hole for electrical connections, 7/8".
- D. Condenser water in, 3/8" FPT (water only).
- E. Condenser water out, 1/2" FPT (water only).
- F. Liquid line, 3/8" male quick connect coupling for precharged line set (remote only).
- G. Discharge line, 1/2" male quick connect coupling for precharged line set (remote only).
- H. Hole for remote electrical connections, 7/8" (remote only).



Water Cooled & Remote

**Operating Requirements**

|                         | MINIMUM           | MAXIMUM           |              |
|-------------------------|-------------------|-------------------|--------------|
|                         |                   | 60 Hz             | 50Hz         |
| Ambient Temp. Range Air | 50°F (10°C)       | 100°F (38°C)      | 110°F (43°C) |
| Water Temp.             | 40°F (4.4°C)      |                   |              |
| Water Pressure          | 20 PSIG (1.4 BAR) | 60 PSIG (4.1 BAR) |              |

**Dimensions**

| ALL MODELS      |                       |
|-----------------|-----------------------|
| W x D x H (in.) | 48.25 x 24.25 x 26.06 |
| W x D x H (mm)  | 1,226 x 616 x 662     |

**Specifications**

| Model Number | Cond. Unit | Ice Production per 24hrs      |                               | Water Usage gallons per 100 lbs of Ice 90°F air/70°F water |           | kWH Used per 100 lbs of ice @ 90°F air/70°F water | Voltage Characteristics | Min. Circuit Ampacity | Fuse Size | Approx. BTUs per hour |
|--------------|------------|-------------------------------|-------------------------------|--|-----------|---|-------------------------|-----------------------|-----------|-----------------------|
|              |            | 70°F air/ 50°F water lbs (kg) | 90°F air/ 70°F water lbs (kg) | Potable  | Condenser |   |                         |                       |           |                       |
| ICE1406A★    | Air        | 1,469 (668)                   | 1,136 (515)                   | 19.9   | -         | 5.1   | 208-230/60/1            | 26.1                  | 30        | 22,069                |
| ICE1406R     | Remote*    | 1,391 (632)                   | 1,150 (523)                   | 20.3   | -         | 5.0   |                         | 22.2                  |           | 22,126                |
| ICE1406W     | Water      | 1,386 (630)                   | 1,239 (563)                   | 22.8   | 122       | 4.2   |                         | 17.8                  |           | 21,994                |
| ICE1405A     | Air        | 1,371 (623)                   | 1,070 (486)                   | 19.7   | -         | 5.3   | 230/50/1                | 21.7                  | 30        | 21,185                |
| ICE1405R     | Remote*    | 1,419 (645)                   | 1,139 (518)                   | 21.4   | -         | 5.2   |                         | 21.9                  |           | 22,339                |
| ICE1405W     | Water      | 1,386 (630)                   | 1,185 (539)                   | 22.6   | 111       | 4.2   |                         | 15.1                  |           | 21,035                |
| ICE1407A★    | Air        | 1,458 (663)                   | 1,131 (514)                   | 19.6   | -         | 5.0   | 208-230/60/3            | 16.0                  | 20        | 21,761                |
| ICE1407R     | Remote*    | 1,393 (633)                   | 1,195 (543)                   | 20.0   | -         | 4.8   |                         | 14.7                  |           | 22,547                |
| ICE1407W     | Water      | 1,425 (648)                   | 1,270 (577)                   | 22.4   | 117       | 4.1   |                         | 10.7                  |           | 22,308                |

\*Requires Remote VRC 2661 Condenser.

NOTES:

Number of Wires: ICE1406/1405: 3 (including ground) • ICE1407: 4 (including ground)  
 Approx. Shipping Weight lbs (kg): ICE1406A 310 (141) • ICE1406R 300 (136) • ICE1406W 280 (127) • ICE1405A 310 (141) • ICE1405R 300 (136) • ICE1405W 280 (127)  
 ICE1407A 310 (141) • ICE1407R 300 (136) • ICE1407W 280 (127)  
 Refrigerant Type: R404A

★ENERGY STAR qualified machine. Please see our website [www.iceomatic.com](http://www.iceomatic.com) for the latest list of ENERGY STAR qualified machines and available rebates