



ICE1406 ON BIO

Features

- Space-saving 26" (660 mm) tall design.
- Produces up to 1,469 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 ⁵ / ₈ x 7 ⁵ / ₈ x 7 ⁵ / ₈ |
| W x D x H (mm) | 22 x 22 x 22 |
| HALF CUBE DIMENSIONS | |
| W x D x H (in.) | 3 ⁵ / ₈ x 7 ⁵ / ₈ x 7 ⁵ / ₈ |
| 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 | B700 | B1000 | B100 | B1300 | B1325 | B1600 |
| Capacity | | 242 lbs (110 kg) | 344 lbs (156 kg) | 351 lbs (160 kg) | 510 lbs (232 kg) | 680 lbs (308 kg) | 1000 lbs (454 kg) | 854 lbs (388 kg) | 1320 lbs (599 kg) | 1325 lbs (601 kg) | 1660 lbs (753 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 | ICE1406 | N/A | | | | | | Kit Not Required | | KBT44 | |
| | ICE1405 | | | | | | | | | | |
| | ICE1407 | | | | | | | | | | |

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

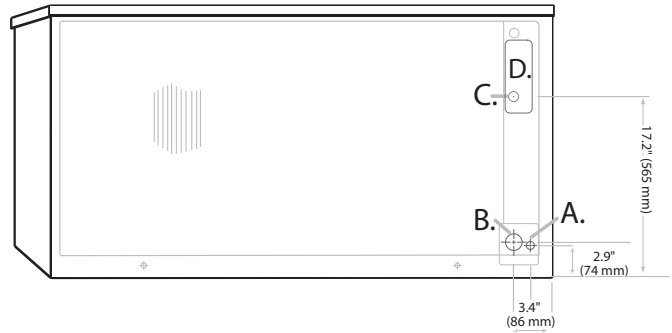
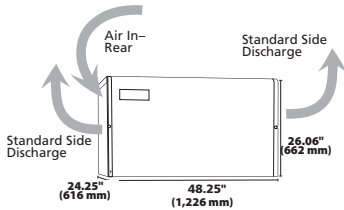


ICE1406/1405/1407 CUBE ICE MAKER

Air Cooled

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

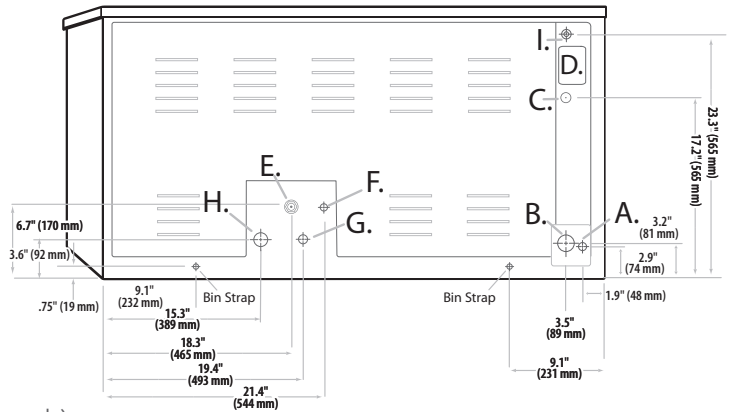
- A. Ice maker potable water in, 3/8" FPT.
- B. Ice maker water out, 3/4" FPT.
- C. Hole for electrical connections, 7/8".
- D. Electrical junction box.



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. Electrical junction box.
- E. Condenser water in, 3/8" FPT (water only).
- F. Condenser water out, 1/2" FPT (water only).
- G. Liquid line, 3/8" male quick connect coupling for precharged line set (remote only).
- H. Discharge line, 1/2" male quick connect coupling for precharged line set (remote only).
- I. 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 |
| W x D x H (mm) | 1,226 x 616 x 660 |

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 | - | 4.64 | 208-230/60/1 | 21.0 | 30 | 22,069 |
| ICE1406R ★ | Remote* | 1,405 (637) | 1,190 (540) | 19.5 | - | 4.68 | | 25.0 | | 22,126 |
| ICE1406W | Water | 1,386 (630) | 1,239 (563) | 22.8 | 145 | 4.20 | 220-240/50/1 | 17.8 | 20 | 21,994 |
| ICE1405A | Air | 1,371 (623) | 1,070 (486) | 19.7 | - | 5.30 | | 21.7 | | 21,185 |
| ICE1405R | Remote* | 1,419 (645) | 1,139 (518) | 21.4 | - | 5.20 | 21.9 | 30 | 22,339 | |
| ICE1405W | Water | 1,386 (630) | 1,185 (539) | 22.6 | 111 | 4.20 | | | | 15.1 |
| ICE1407A | Air | 1,458 (663) | 1,131 (514) | 19.6 | - | 5.50 | 16.0 | 20 | 21,761 | |
| ICE1407R | Remote* | 1,393 (633) | 1,195 (543) | 20.0 | - | 4.80 | | | | 14.7 |
| ICE1407W | Water | 1,425 (648) | 1,270 (577) | 22.4 | 129 | 4.10 | 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 for the latest list of ENERGY STAR qualified machines and available rebates