



# ELEVATION SERIES CUBE ICE MAKER

## CIM1446/1445

**Ice-O-Matic**  
Ice. Pure and Simple



CIM1446 ON B110

## Features

- Space-saving 26.8" (681 mm) tall design.
- Produces up to 1,700 lbs (771 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 |
| CIM1446           | IFQ2     | IOMQ (2)    | N/A    |
| CIM1445           |          |             |        |

## 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 $\frac{1}{8}$ x 7 $\frac{1}{8}$ x 7 $\frac{1}{8}$ |
| W x D x H (mm)       | 22 x 22 x 22                                        |
| HALF CUBE DIMENSIONS |                                                     |
| W x D x H (in.)      | 3 $\frac{7}{8}$ x 7 $\frac{1}{8}$ x 7 $\frac{1}{8}$ |
| 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             | B110             | 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)   | 48 in (1,219 mm)  | 48 in (1,219 mm) | 48 in (1,219 mm)  | 60 in (1,524 mm)  | 60 in (1,524 mm)  |
| Kits             | CIM1446          | N/A              |                  |                  |                  |                   | Kit Not Required | KBT44             |                   |                   |
|                  | CIM1445          |                  |                  |                  |                  |                   |                  |                   |                   |                   |

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



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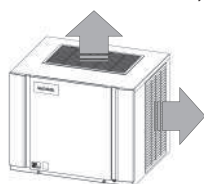
**Ice-O-Matic**  
Ice. Pure and Simple<sup>®</sup>

### 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.

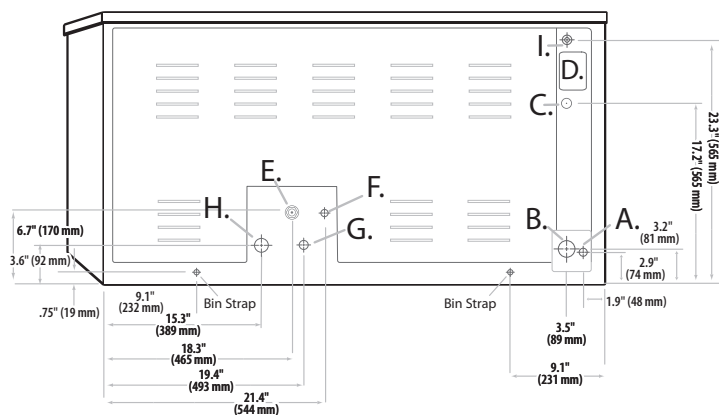
Dual Exhaust for Installation Flexibility



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 |                                                    |                         |                       |           |                       |
| CIM1446A     | Air        | 1,560 (708)                   | 1,210 (549)                   | 14.4                                                       | N/A       | 4.4                                                | 208-230/60/1            | 26.1                  | 30        | 16,000                |
| CIM1446R     | Remote*    | 1,560 (708)                   | 1,340 (608)                   | 15.0                                                       | N/A       | 4.35                                               |                         | 19.9                  |           | 18,100                |
| CIM1446W     | Water      | 1,560 (708)                   | 1,440 (653)                   | 14.7                                                       | 103.9     | 3.72                                               |                         | 18.9                  |           | 16,700                |
| CIM1445A     | Air        | 1,699 (771)                   | 1,297 (588)                   | 14.1                                                       | N/A       | 4.07                                               | 208-230/50/1            | 18.8                  | 30        | 19,562                |
| CIM1445W     | Water      | 1,700 (771)                   | 1,450 (658)                   | 14.5                                                       | 115.0     | 3.05                                               |                         | 18.1                  | 25        |                       |

\* Daily ice production based on half cube configuration.

\*\* Remote model **CIM1446R** requires the **RCA-3061** remote condenser with optional grill guard kit.

Notes:

Number of Wires:

3 (including ground)

Approx. Shipping Weight lbs (kg):

CIM1446A 310 (141) • CIM1446R 280 (127) • CIM1446W 300 (136) • CIM1445A 310 (141) • CIM1445W 300 (136)

Refrigerant Type:

R404A