



# ELEVATION SERIES CUBE ICE MAKER

## CIM1545

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



CIM1545 ON B110

## Features

- Space-saving 681 mm (26.8") tall design.
- Produces up to 728 kg (1,605 lbs) 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.
- Constructed from corrosion-resistant aluminum and fingerprint-proof plastic.

CIM1545 CUBE ICE MAKER

## Options & Accessories

| WATER FILTERS     |          |             |        |
|-------------------|----------|-------------|--------|
| Ice Machine Model | Manifold |             | Inline |
|                   | System   | Replacement | System |
| CIM1545           | IFQ2     | IOMQ (2)    | N/A    |

## 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.

## Ice Form



### CUBE

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

## 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         | 110 kg (242 lbs) | 156 kg (344 lbs) | 160 kg (351 lbs) | 232 kg (510 lbs) | 308 kg (680 lbs) | 454 kg (1,000 lbs) | 388 kg (854 lbs) | 599 kg (1,320 lbs) | 601 kg (1,325 lbs) | 753 kg (1,660 lbs) |
| Width            | 762 mm (30 in)   | 762 mm (30 in)   | 559 mm (22 in)   | 762 mm (30 in)   | 762 mm (30 in)   | 1,219 mm (48 in)   | 1,219 mm (48 in) | 1,219 mm (48 in)   | 1,524 mm (60 in)   | 1,524 mm (60 in)   |
| Kits             | N/A              |                  |                  |                  |                  |                    | Kit Not Required | KBT44              |                    |                    |

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





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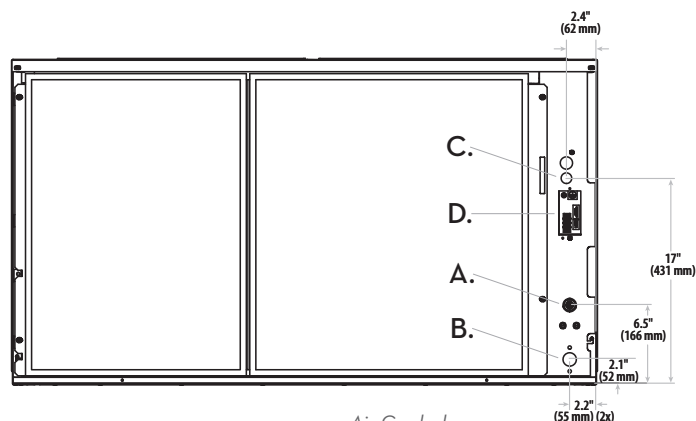
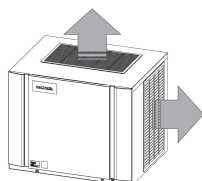
**Ice-O-Matic**  
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## Air Cooled

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

- A. Ice maker potable water in, 10 mm (.39 in) FPT.
- B. Ice maker water out, 20 mm (.79 in) FPT.
- C. Hole for electrical connections, 22 mm (.87 in).
- D. Electrical junction box.

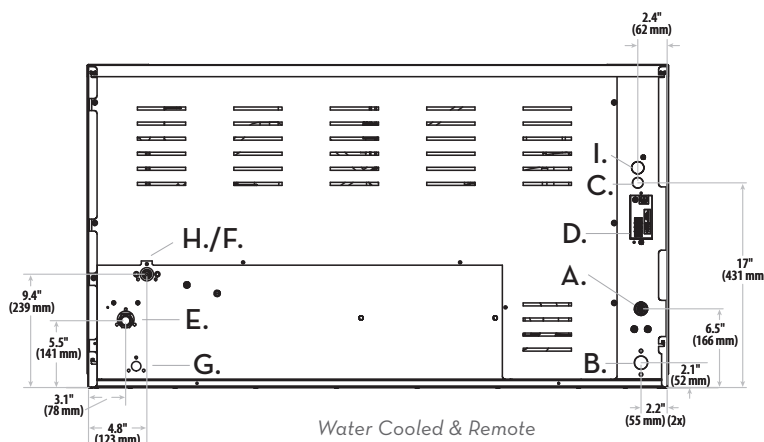
Dual Exhaust for Installation Flexibility



Air Cooled

## Water Cooled/Remote

- A. Ice maker potable water in, 10 mm (.39 in) FPT.
- B. Ice maker water out, 20 mm (.79 in) FPT.
- C. Hole for electrical connections, 22 mm (.87 in).
- D. Electrical junction box.
- E. Condenser water in, 10 mm (.39 in) FPT (water only).
- F. Condenser water out, 13 mm (.51 in) FPT (water only).
- G. Liquid line, 10 mm (.39 in) male quick connect coupling for precharged line set (remote only).
- H. Discharge line, 13 mm (.51 in) male quick connect coupling for precharged line set (remote only).
- I. Hole for remote electrical connections, 22 mm (.87 in) (remote only).



Water Cooled & Remote

## Operating Requirements

|                         | MINIMUM           | MAXIMUM           |
|-------------------------|-------------------|-------------------|
|                         | 50Hz              |                   |
| Ambient Temp. Range Air | 10°C (50°F)       | 43°C (110°F)      |
| Water Temp.             | 4.4°C (40°F)      |                   |
| Water Pressure          | 20 PSIG (1.4 BAR) | 80 PSIG (4.1 BAR) |

## Dimensions

| ALL MODELS      |                    |
|-----------------|--------------------|
| W x D x H (mm)  | 1,226 x 616 x 660  |
| W x D x H (in.) | 48.25 x 24.25 x 26 |

## Specifications

| Model Number | Cond. Unit | Ice Production* per 24hrs     |                               |                               |                               | Water Usage gallons per 45 kg of Ice 32°C air/21°C water |           | kWH Used per 45 kg of Ice @ 32°C air/ 21°C water | Voltage Characteristics | Min. Circuit Ampacity | Min/Max Circuit Breaker | Approx. BTUs per hour |
|--------------|------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--|-----------|--|-------------------------|-----------------------|-------------------------|-----------------------|
|              |            | 21°C air/ 10°C water kg (lbs) | 32°C air/ 21°C water kg (lbs) | 10°C air/ 10°C water kg (lbs) | 21°C air/ 15°C water kg (lbs) | Potable  | Condenser |  |                         |                       |                         |                       |
| CIM1545A     | Air        | 708 (1,560)                   | 549 (1,210)                   | 708 (1,560)                   | 673 (1,483)                   | 14.4   | N/A       | 4.4  | 220-240/50/1            | 26.1                  | 30/30                   | 16,000                |
| CIM1545R     | Remote**   | 725 (1,598)                   | 613 (1,351)                   | 725 (1,598)                   | 689 (1,518)                   | 14.8   | N/A       | 4.41   |                         | 18.6                  | 25/25                   | 18,750                |
| CIM1545W     | Water      | 728 (1,605)                   | 616 (1,357)                   | 728 (1,605)                   | 692 (1,526)                   | 14.8   | 115       | 3.06   |                         | 18.1                  | 25/25                   | 18,750                |

\* Daily ice production based on half cube configuration.

\*\* Remote model CIM1545R requires the RCA-3061 remote condenser with optional grill guard kit.

Notes:

Number of Wires:

3 (including ground)

Approx. Shipping Weight (lbs):

CIM1545A 141 (310) • CIM1545R 127 (280) • CIM1545W 136 (300)

Refrigerant Type:

R404A