



PROJECT: \_\_\_\_\_  
ITEM # \_\_\_\_\_ QTY: \_\_\_\_\_  
MODEL # \_\_\_\_\_  
AIA # \_\_\_\_\_ SIS # \_\_\_\_\_

CUBE ICE MAKER

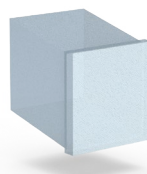
## CUBE ICE MAKER

### CIM0520FA90



### Features and Benefits

- Uses R290 for a more environmentally friendly and efficient refrigerant.
- Modular design and dual exhaust for flexible application and easy installation on bins or dispensers.
- Easy to clean with front facing evaporator and dishwasher safe (up to 180°F) components.
- Easy and quick cleaning reduces operating costs.
- Simple service with many common parts across all CIM machines.
- Harvest Assist provides consistent ice production for the life of the ice maker while reducing energy consumption and increasing capacity.
- Durable, electroless nickel plating on all evaporator plates ensures reliability.
- Constructed from corrosion-resistant and fingerprint-proof aluminum.



| ICE FORMS |                     |
|-----------|---------------------|
| FULL CUBE | 7/8 x 7/8 x 7/8 in. |
|           | 22 x 22 x 22 mm     |

| BIN CHART                                        |                  |                  |                  |                  |                  |                    |                    |                    |                    |
|--------------------------------------------------|------------------|------------------|------------------|------------------|------------------|--------------------|--------------------|--------------------|--------------------|
| Model #                                          | B40              | B42              | B55              | B110             | B700-30          | B1000-48           | B1300-48           | B1325-60           | B1660-60           |
| capacity                                         | 344 lbs (156 kg) | 351 lbs (160 kg) | 510 lbs (232 kg) | 854 lbs (388 kg) | 680 lbs (308 kg) | 1,000 lbs (454 kg) | 1,320 lbs (599 kg) | 1,325 lbs (601 kg) | 1,660 lbs (753 kg) |
| width                                            | 30 in (762 mm)   | 22 in (559 mm)   | 30 in (762 mm)   | 48 in (1,219 mm) | 30 in (762 mm)   | 48 in (1,219 mm)   | 48 in (1,219 mm)   | 60 in (1,524 mm)   | 60 in (1,524 mm)   |
| Kit for combining wider bins with smaller models | KBT19            | Kit Not Required | KBT19            | KBT23            | Kit Not Required | Kit Not Required   | Kit Not Required   | Kit Not Required   | Kit Not Required   |

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



CIM0520FA90 shown atop of bin B42 (sold separately)

### Warranty

- Ice Maker: **3 years parts and labor**
- Evaporator and Compressor: **5 years parts**
- Evaporator: **7 years parts and labor** (if enrolled in the filter program for US & Canada)

### Options & Accessories

- KCUBEDISP for mounting to a dispenser
- B42

### Water Filter

- Manifold System IFQ1-S gets replacement filter IOMQ-S

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Specifications are subject to change without prior notice.

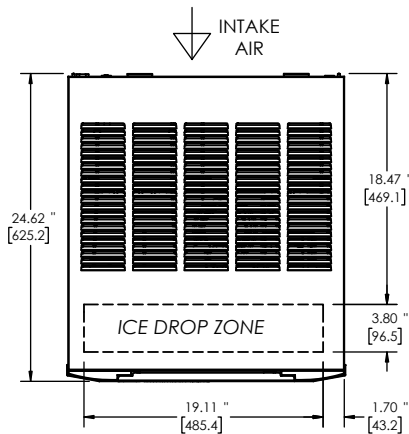
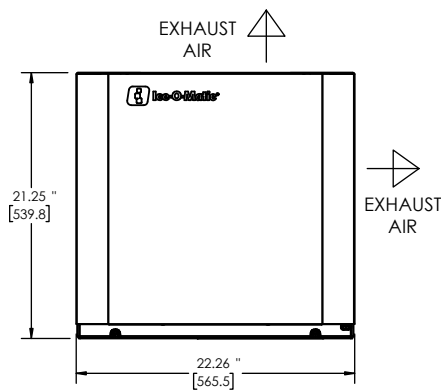
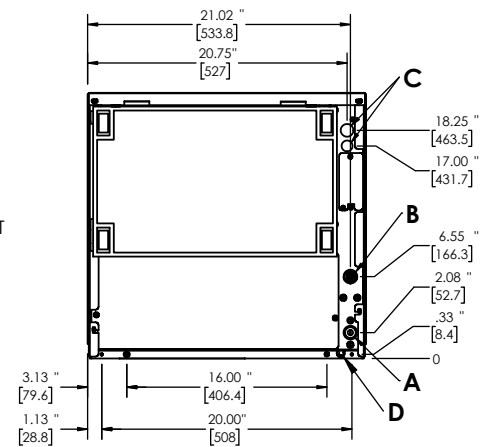
APPROVAL: \_\_\_\_\_ DATE: \_\_\_\_\_

**Ice-O-Matic™**

# CUBE ICE MAKER

## CIM0520FA90

Line drawing note: Numbers with quote symbol " are in inches. Numbers enclosed in [brackets] are in millimeters.

**PLAN / TOP VIEW****ELEVATION / FRONT VIEW****UTILITIES / BACK VIEW****Air Cooled**

A. Ice Maker Drain, 3/4" FPT

B. Ice Maker Potable Water Inlet, 3/8" FPT

C. Electrical Connection, Ø .875" [22.2] (2)

D. Condensate Base Drain, Ø .50" [12.7]

**SPECIFICATIONS**

| Model                                           | CIM0520FA90          |
|-------------------------------------------------|----------------------|
| Condensing Type                                 | Air                  |
| Voltage/Hertz/Phase                             | 115/60/1             |
| Min. Circuit Amp                                | 11.9                 |
| Max Breaker Size                                | 20 A                 |
| kWH per 100 lbs of ice at 70°F air / 50°F water | 3.7                  |
| kWH per 100 lbs of ice at 90°F air / 70°F water | 5.43                 |
| BTU (approx per hour)                           | 8200                 |
| Number of Wires                                 | 3 (including ground) |
| Refrigerant                                     | R290                 |
| Refrigeration Charge                            | 4.59 oz / 130 g      |

| Ice Production per 24 hrs                                    |                              |
|--------------------------------------------------------------|------------------------------|
| 70° air / 50° water lbs (kg)                                 | 90° air / 70° water lbs (kg) |
| 525 (238)                                                    | 400 (181)                    |
| Water Usage gallons per 100 lbs of ice 90°F air / 70°F water |                              |
| Potable                                                      | Condenser                    |
| 17                                                           | N/A                          |

**OPERATING REQUIREMENTS**

|                         | MINIMUM           | MAXIMUM           |
|-------------------------|-------------------|-------------------|
| Ambient Temp. Range Air | 50°F (10°C)       | 100°F (38°C)      |
| Water Temp              | 40°F (4°C)        | 100°F (38°C)      |
| Water Pressure          | 20 PSIG (1.4 BAR) | 80 PSIG (5.5 BAR) |

**DIMENSIONS**

| Unit Width                | 22.26                       | 565 |
|---------------------------|-----------------------------|-----|
| Unit Depth                | 24.62                       | 625 |
| Unit Height               | 21.25                       | 540 |
| Shipping Weight           | 132 lbs / 60 kg             |     |
| Shipping Dimensions (in.) | 25 (W) x 27 (D) x 27 (H)    |     |
| Shipping Dimensions (mm)  | 635 (W) x 686 (D) x 686 (H) |     |

We reserve the right to change specifications and product design without notice. Such revisions do not entitle the buyer to corresponding changes, improvements, additions or replacements for previously purchased equipment.