



# ELEVATION SERIES CUBE ICE MAKER

## CIMO430/O436/O435

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

### Model:

- ☐ CIMO430
- ☐ CIMO436
- ☐ CIMO435



Energy Star Certified  
on certain models

CIMO430  
ON B55



**Safelce**

\*Available for factory or field install

## Features and Benefits

- 30" (768 mm) wide space-saving design.
- Produces up to 500 lbs (227 kg) of ice per day.
- *Energy and Environment*
  - Exceeds 2018 DOE (Department of Energy) regulations.
  - Up to 20% more energy efficient than other models.
  - Environmentally friendly, including BPA-free plastic and recyclable parts.
- *Sanitation*
  - Plastic Food Zone eliminates hard-to-clean nooks and crannies, allowing for effortless wipe down and easy, long-lasting sanitation.
  - Built in Agion® ensures unbeatable antimicrobial protection.
  - Smart LED light indicates machine status and when cleaning is required.
  - Simple, one-touch controls for sanitization and descaling.
  - BPA-free snap-in, snap-out dishwasher-safe components.
- *Unique Dual Exhaust* - Air-cooled machines are designed to discharge hot air from both the side and top of the unit, increasing installation flexibility and reducing the potential of obstructed exhaust.
- *Universal Smart Harness™* control board simplifies installation and servicing with better access, digital diagnostics, universal components and common configuration.

Safelce Purification System is an add-on option for CIM machines that destroys Coronavirus, Flu, Odors, Mold and other biological contaminants, increasing the life of the machine by up to 30%.



<https://www.youtube.com/watch?v=toReJT8QG6A&t=7s>

## Ice Form

| 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 $\frac{1}{8}$ x 7 $\frac{1}{8}$ x 7 $\frac{1}{8}$ |
| W x D x H (mm)       | 10 x 22 x 22                                        |



**CUBE**

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

| ICE STORAGE BINS |           |                  |                  |                  |                  |                  |                  |                                  |                    |                    |                    |
|------------------|-----------|------------------|------------------|------------------|------------------|------------------|------------------|----------------------------------|--------------------|--------------------|--------------------|
|                  | Model No. | B25              | B40              | B42              | B55              | B700             | B110             | B1000                            | B1300              | B1325              | B1660              |
|                  | Capacity  | 242 lbs (110 kg) | 344 lbs (156 kg) | 351 lbs (160 kg) | 510 lbs (232 kg) | 680 lbs (308 kg) | 854 lbs (388 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)   | 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             | CIMO430   | Kit Not Required |                  | N/A              | Kit Not Required |                  | BPF-1            | Hold Down Securement Recommended |                    |                    |                    |
|                  | CIMO436   |                  |                  |                  |                  |                  |                  |                                  |                    |                    |                    |
|                  | CIMO435   |                  |                  |                  |                  |                  |                  |                                  |                    |                    |                    |

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

## Options & Accessories

| WATER FILTERS     |          |             |
|-------------------|----------|-------------|
| Ice Machine Model | Manifold |             |
|                   | System   | Replacement |
| CIMO430           | IFQ1     | IOMQ (1)    |
| CIMO436           |          |             |
| CIMO435           |          |             |

Note: All modular cube CIM units can be installed with manufacturer approved ozone delivery systems.

## Ice Maker Warranty

| COMMERCIAL WARRANTY                                 |                         |
|-----------------------------------------------------|-------------------------|
| Ice Maker                                           | 3 YEARS parts and labor |
| Evaporator and Compressor                           | 5 YEARS parts           |
| Evaporator<br>(when enrolled in our filter program) | 7 YEARS parts and labor |



CIMO430/O436/O435 CUBE ICE MAKER



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## CIMO430/O436/O435

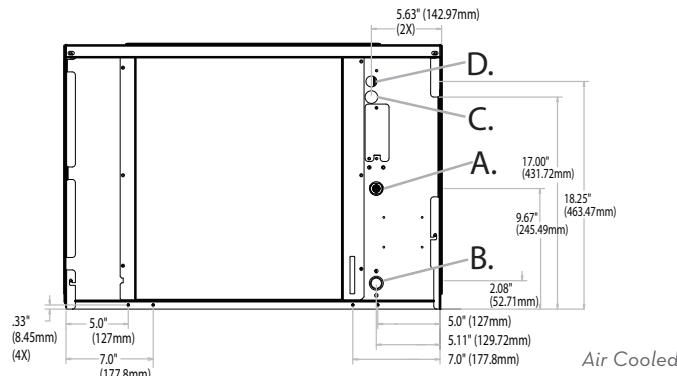
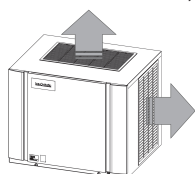
**Ice-O-Matic**  
Ice. Pure and Simple<sup>®</sup>

### Air Cooled

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

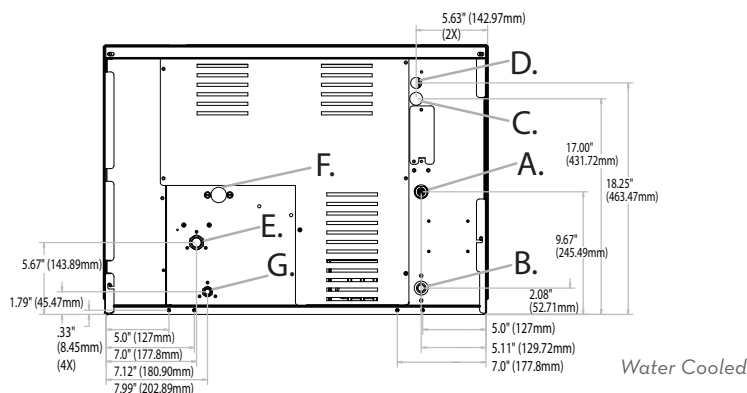
- A. Ice maker potable water in, 3/8" FPT.
- B. Ice maker water out, 3/4" FPT.
- C. Hole for electrical connections, 7/8".
- D. Electrical connection junction box, 7/8".

Dual Exhaust for Installation Flexibility



### Water Cooled

- 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 connection junction box, 7/8".
- E. Condenser water in, 3/8" FPT.
- F. Condenser water out, 1/2" FPT.



## 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) | 80 PSIG (5.5 BAR) |                |

## Dimensions

| ALL MODELS      |                       |
|-----------------|-----------------------|
| W x D x H (in.) | 30.25 x 24.25 x 21.25 |
| W x D x H (mm)  | 768 x 616 x 540       |

## Specifications

| Model Number                                                                                 | Cond. Unit | Ice Production<br>per 24hrs         |                                     | Water Usage<br>gallons per 100 lbs of Ice<br>90°F air/70°F water |           | kWH Used<br>per 100 lbs of<br>ice @ 90°F air/<br>70°F water | Voltage<br>Characteristics | Min.<br>Circuit<br>Ampacity | Max.<br>Breaker<br>Size | Approx.<br>BTUs<br>per hour |
|----------------------------------------------------------------------------------------------|------------|-------------------------------------|-------------------------------------|------------------------------------------------------------------|-----------|-------------------------------------------------------------|----------------------------|-----------------------------|-------------------------|-----------------------------|
|                                                                                              |            | 70°F air/<br>50°F water<br>lbs (kg) | 90°F air/<br>70°F water<br>lbs (kg) | Potable                                                          | Condenser |                                                             |                            |                             |                         |                             |
|  CIMO430A | Air        | 435 (197)                           | 310 (140)                           | 19.8                                                             | N/A       | 5.4                                                         | 115/60/1                   | 11.0                        | 15                      | 5,100                       |
| CIMO430W                                                                                     | Water      | 460 (209)                           | 365 (165)                           | 17.8                                                             | 169.0     | 4.3                                                         |                            | 10.7                        |                         |                             |
|  CIMO436A | Air        | 465 (211)                           | 375 (170)                           | 18.0                                                             | N/A       | 5.0                                                         | 208-230/60/1               | 6.3                         |                         |                             |
| CIMO436W                                                                                     | Water      | 500 (227)                           | 405 (183)                           | 17.7                                                             | 185.0     | 3.9                                                         |                            | 6.1                         |                         |                             |
| CIMO435A                                                                                     | Air        | 460 (209)                           | 355 (161)                           | 20.0                                                             | N/A       | 5.97                                                        | 220-240/50/1               | 8.7                         | 16                      |                             |
| CIMO435A-49                                                                                  | Air        | 480 (218)                           | 370 (168)                           | 18.0                                                             | N/A       | 5.65                                                        |                            |                             |                         |                             |

\* Daily ice production based on half cube configuration. When installing a CIM on a drink dispenser, the KCUBEDISPB MUST be used.

Number of Wires: 3 (including ground)  
Approx. Shipping Weight lbs (kg): CIMO430A 155 (70.3) • CIMO430W 155 (70.3) • CIMO436A 155 (70.3) • CIMO436W 155 (70.3) • CIMO435A 155 (70.3)

### REFRIGERANT:

Models ending in -49 are R449A, all other models are R404A  
CIMO435A = R404A • CIMO435A-49 = R449A