



ELEVATION SERIES CUBE ICE MAKER

CIMO430/O436/O435

Ice-O-Matic
Ice. Pure and Simple

Model:

- ☐ CIMO430
- ☐ CIMO436
- ☐ CIMO435



CIMO430 ON B55

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 new 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.

Ice Form

| FULL CUBE DIMENSIONS | |
|----------------------|-----------------------|
| W x D x H (in.) | 7 1/8 x 7 1/8 x 7 1/8 |
| W x D x H (mm) | 22 x 22 x 22 |
| HALF CUBE DIMENSIONS | |
| W x D x H (in.) | 3 7/8 x 7 1/8 x 7 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 | | | | | | | | | | | |
|------------------|-----------|------------------|------------------|------------------|------------------|------------------|------------------|----------------------------------|--------------------|--------------------|--------------------|
| Kits | 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) |
| | 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 (I) |
| CIMO436 | | |
| CIMO435 | | |

Note: All modular cube CIM units can be installed with the O₃-Matic™ Ozone Delivery System.

Ice Maker Warranty

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



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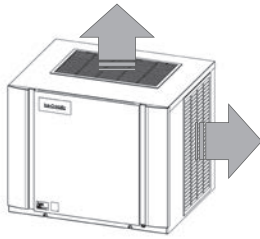
Ice-O-Matic
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Air Cooled

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

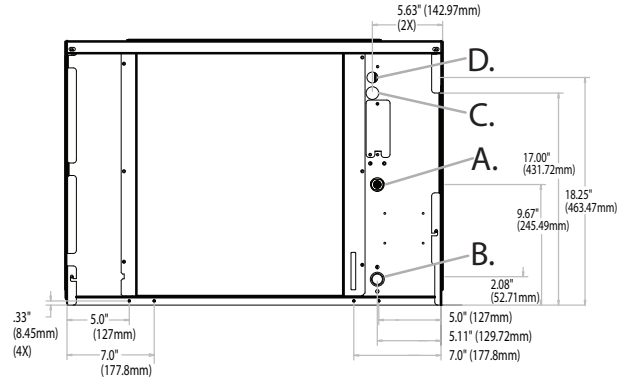
- A. Ice maker potable water in, 3/8" FPT.
- B. Ice maker water out, 3/4" FPT.
- C. Hole for electrical connections, 7/8".
- D. Electrical connection junction box, 7/8".

Dual Exhaust for Installation Flexibility

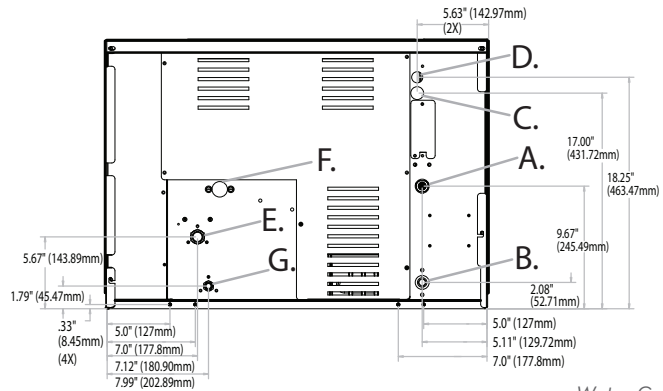


Water Cooled

- 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.



Air Cooled



Water Cooled

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 | Half-Cube 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 | | | | | |
| CIMO430A★ | Air | 435 (197) | 320 (145) | 19.8 | - | 5.43 | 115/60/1 | 11.0 | 15 | 5,100 |
| CIMO430W | Water | 460 (209) | 380 (172) | 17.8 | 169.0 | 4.75 | | 10.7 | | |
| CIMO436A★ | Air | 465 (211) | 350 (159) | 18.0 | - | 5.46 | 208-230/60/1 | 6.3 | | |
| CIMO436W | Water | 500 (227) | 420 (191) | 17.7 | 185.0 | 4.37 | | 6.1 | | |
| CIMO435A | Air | 460 (209) | 355 (161) | 20.0 | - | 5.97 | 220-240/50/1 | 8.7 | 16 | |

* Daily ice production based on half cube configuration.

Notes:

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 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