

## Ice-O-Matic CIM0320FA

# Ice-O-Matic Elevation Series CIM0320FA Commercial Cube Ice Machine User Manual

Model: CIM0320FA | Brand: Ice-O-Matic

## INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, installation, and maintenance of your Ice-O-Matic Elevation Series CIM0320FA Commercial Cube Ice Machine. Please read this manual thoroughly before installation or operation and retain it for future reference.

The Ice-O-Matic Elevation Series CIM0320FA is a commercial cube ice maker designed for high-volume ice production, delivering approximately 313 lbs of full-size cube ice per 24 hours under optimal conditions. It features PURE ICE built-in protection, LED status display, and simplified maintenance controls.



Image: Front view of the Ice-O-Matic CIM0320FA commercial cube ice machine.

## SAFETY INFORMATION

### Important Safety Instructions:

- Always disconnect power before performing any maintenance or service.
- Ensure proper grounding to prevent electrical shock.
- Installation and service must be performed by qualified personnel.
- Do not operate the machine with damaged cords or plugs.
- Keep ventilation openings clear of obstructions.
- This appliance is intended for commercial use only.
- Refer to local codes and regulations for installation requirements.

**Proposition 65 Warning:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## SETUP

### Unpacking

Carefully remove the ice machine from its packaging. Inspect the unit for any shipping damage. Report any damage to the carrier immediately. Retain all packaging materials for inspection if damage is found.

### Placement

Select a location that is level, stable, and capable of supporting the weight of the ice machine and its ice bin when full. Ensure adequate clearance around the unit for proper ventilation. The unit features dual exhaust top/side air discharge, allowing flexibility in placement. Avoid direct sunlight or heat sources.

- **Dimensions:** 22.25" W x 24.25" D x 21.25" H
- Allow sufficient space for air circulation around the condenser.



Image: Top and side view of the Ice-O-Matic CIM0320FA ice machine, highlighting the ventilation grilles for proper airflow.

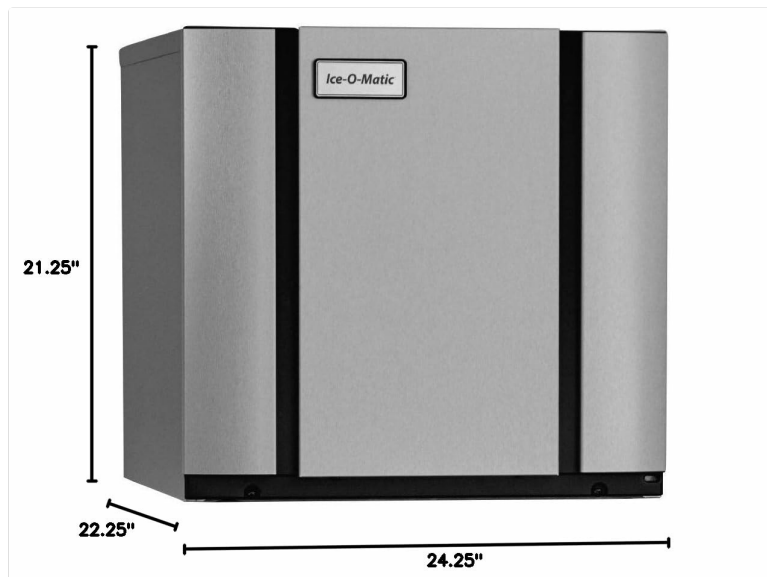


Image: Dimensional diagram of the Ice-O-Matic CIM0320FA, indicating its width, depth, and height for installation planning.

### Electrical and Plumbing Connections

All electrical and plumbing connections must comply with local and national codes. It is recommended that a licensed electrician and plumber perform these connections. Ensure the power supply matches the machine's requirements (voltage, amperage) and that a dedicated circuit is used. Connect to a potable water supply with appropriate pressure and filtration.

### OPERATING INSTRUCTIONS

#### Initial Startup

1. After all connections are secure, open the water supply valve.
2. Plug the unit into a grounded electrical outlet.

3. The machine will initiate a self-check and begin the ice-making cycle.

Ice Production Cycle

The Ice-O-Matic CIM0320FA automatically produces full-size cube ice. Water flows over a cold evaporator plate, freezing into cubes. Once the cubes reach the desired thickness, they are harvested and drop into the ice bin (sold separately).



Image: Internal components of the ice machine, illustrating the evaporator plate where ice is formed.

LED Status Display

The integrated LED status display provides real-time information on the machine's operational status and any potential issues. Refer to the display for monitoring performance and basic troubleshooting.

MAINTENANCE

Regular maintenance is crucial for optimal performance and longevity of your ice machine. The Elevation Series features PURE ICE built-in protection to inhibit contaminants and simplify cleaning.

Cleaning Procedures

- **One-Touch Sanitize/Descaling:** Utilize the one-touch sanitize/descaling controls for automated cleaning cycles. Follow the instructions on the machine's control panel for initiating these cycles.
- **Food Zone Components:** The food zone components are dishwasher safe, allowing for easy removal and cleaning to maintain hygiene.
- **Exterior Cleaning:** Wipe down the exterior surfaces with a mild detergent and a soft cloth. Avoid abrasive cleaners.
- **Condenser Cleaning:** Periodically clean the condenser fins to ensure efficient heat exchange. Refer to the service manual for detailed instructions or contact a qualified technician.

Regular Checks

- Inspect water lines for leaks or damage.
- Check the ice bin for cleanliness and proper drainage.
- Monitor ice production for consistency and quality.

TROUBLESHOOTING

This section provides basic troubleshooting steps for common issues. For more complex problems, consult a qualified service technician.

Problem	Possible Cause	Solution
No ice production	No power, water supply off, clogged filter, high ambient temperature.	Check power connection, ensure water supply is open, inspect/replace water filter, ensure proper ventilation.
Low ice production	Dirty condenser, restricted airflow, low water pressure, high water temperature.	Clean condenser, ensure adequate clearance, check water pressure, verify water temperature.

Problem	Possible Cause	Solution
Unusual noise	Loose components, motor issue, fan obstruction.	Inspect for loose parts, clear any obstructions, contact service if noise persists.
LED status display error	Specific system fault.	Note the error code and consult the full service manual or contact customer support.

SPECIFICATIONS

Feature	Detail
Model Number	CIM0320FA
Brand	Ice-O-Matic
Ice Production Capacity	Approximately 313 lbs per 24 hours (at 70°F air / 50°F water)
Ice Type	Full-size cubes
Condenser Type	Air-cooled, self-contained
Air Discharge	Dual exhaust top/side
Product Dimensions (W x D x H)	22.25" x 24.25" x 21.25"
Weight	150 Pounds
Wattage	223 watts
Certifications	cULus, NSF, CE

WARRANTY AND SUPPORT

Warranty Information




Ice-O-Matic products typically come with a manufacturer's warranty covering defects in materials and workmanship. Specific warranty terms, including duration and coverage for components like the compressor, are detailed in the warranty document provided with your purchase. Please retain your proof of purchase for warranty claims. For detailed warranty information, refer to the official Ice-O-Matic website or contact their customer service.

Customer Support


For technical assistance, service requests, or questions regarding your Ice-O-Matic ice machine, please contact Ice-O-Matic customer support. You may also reach out to the seller, Burkett and Sons, Inc., for support related to your purchase.

For general inquiries or to find authorized service providers, visit the officialIce-O-Matic website.

Related Documents - CIM0320FA


	<a href="#">Ice-O-Matic CIM0836FR49 ELEVATION SERIES™ Cube Ice Maker - Product Overview &amp; Specifications</a> Detailed product overview and specifications for the Ice-O-Matic CIM0836FR49 ELEVATION SERIES™ Cube Ice Maker, including features, benefits, bin chart, dimensions, and operating requirements.
	<a href="#">Ice-O-Matic CIM Modular Cubers Technical Service Manual</a> Comprehensive technical service manual for Ice-O-Matic CIM Modular Cubers series (CIM0320-CIM2046), detailing installation, operation, maintenance, troubleshooting, and technical specifications for qualified technicians.
	<a href="#">Ice-O-Matic IOD150, IOD200, IOD250 Service and Installation Manual</a> Comprehensive service and installation manual for Ice-O-Matic IOD150, IOD200, and IOD250 ice-only countertop dispensers. Covers specifications, installation procedures, start-up, maintenance, and troubleshooting.





**Ice-O-Matic**  
Ice. Cold. And Safe.

**SERVICE PARTS MANUAL**  
CM 32 INCH WIDE SERIES  
CM8032S, CM825S, CM8932S, CM852S  
CM8032S and CM8932S



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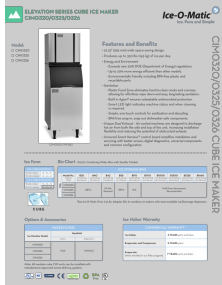
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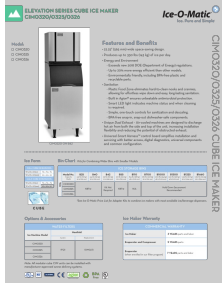






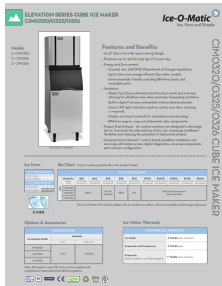
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Spec Sheet Ice O Matic CIM0320FA B42PS 313 lb Full Cube Maker w Bin 351 Storage Air Cooled 115v Restaurant And More Wholesale Supplies Foodservice Eq  
ELEVATION SERIES CUBE ICE MAKER CIM0320/0325/0326 Ice. Pure and Simple CIM0320/0325/0326 CUBE ICE MAKER Model  
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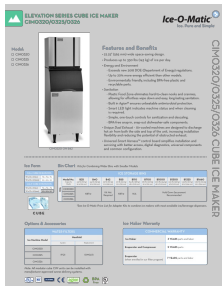
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Spec Sheet Ice O Matic CIM0320FA B40PS 313 lb Full Cube Maker w Bin 344 Storage Air Cooled 115v Restaurant And More Wholesale Supplies Foodservice Eq  
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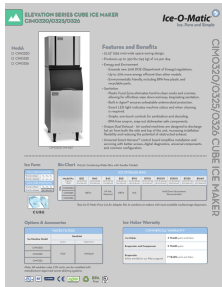
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Spec Sheet Ice O Matic CIM0320FA B1600 60 313 lb Full Cube Maker w Bin 1660 Storage Air Cooled 115v Restaurant And More Wholesale Supplies Foodservice Eq  
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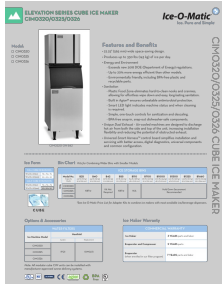
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Spec Sheet Ice O Matic CIM0320FA B1300 48 313 lb Full Cube Maker w Bin 1320 Storage Air Cooled 115v Restaurant And More Wholesale Supplies Foodservice Eq  
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Spec Sheet Ice O Matic CIM0320FA B1325 60 313 lb Full Cube Maker w Bin 1325 Storage Air Cooled 115v Restaurant And More Wholesale Supplies Foodservice Eq  
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Spec Sheet Ice O Matic CIM0320FA 22" Elevation Series Full Cube Machine Head 313 lb 24 hr Air Cooled 115v Restaurant And More Wholesale Supplies Foodservice Eq  
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Official price list for Ice-O-Matic commercial ice machines and accessories, effective October 15th, 2025. Includes current and previous prices.  
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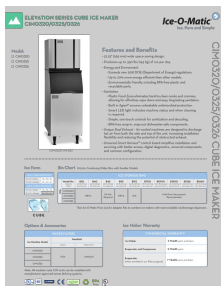
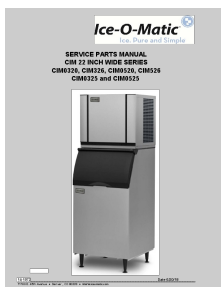
Official price list for Ice-O-Matic 60Hz commercial ice machines and accessories, effective September 6, 2022. Includes model numbr  
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Ice-O-Matic Commercial Ice Machines and Accessories- 60hz Only Price Effective: 09/24/2024 Offering Revised: 09/24/2024 highlight: 1  
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Ice-O-Matic Commercial Ice Machines and Accessories- 60hz Only Price Effective: 09/05/2024 Offering Revised: 09/05/2024 highlight: 16 filesize: 68.13 K page\_count: 6 document date: 2024-09-16

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SERVICE PARTS MANUAL CIM 22 INCH WIDE SERIES CIM0320, CIM326, CIM0520, CIM526 CIM0325 and CIM0525 14-1972 115v159  
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[\[pdf\]](#) Specifications

Specification SheetIce O Matic CIM0320FA 22 Inch Wide 313 lbs Daily Ice Production Elevation Series Air Cooled Full Cube Modular Commercial Macice o matic (CIM0320FA)  
ELEVATION SERIES CUBE ICE MAKER CIM0320/0325/0326 Ice. Pure and Simple CIM0320/0325/0326 CUBE ICE MAKER Model CIM0320FA  
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