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Ice-O-Matic ICEU220FA

Commercial Cube Undercounter Ice Maker

Model: **ICEU220FA** by **Ice-O-Matic**

1. PRODUCT OVERVIEW

The Ice-O-Matic ICEU220FA Commercial Cube Undercounter Ice Maker is designed for commercial use, producing full cube-style ice. This unit is engineered for high ice production and features a built-in storage bin, making it suitable for various food service environments.



Figure 1: Ice-O-Matic ICEU220FA Commercial Undercounter Ice Maker. This image displays the compact, stainless steel design of the ice maker, suitable for undercounter installation.

2. KEY FEATURES

- **High Ice Production:** Produces approximately 238 lbs (108 kg) of full cube-style ice per 24 hours, ensuring a continuous supply to meet high demand.
- **Large Built-In Bin:** The integrated bin can store up to 70 lbs of ice, providing ample storage to handle peak usage times and reducing the need for frequent refills.
- **Efficient Air-Cooled Operation:** Features a self-contained condenser, providing reliable performance without the need for additional cooling components.
- **Easy Installation and Operation:** Designed for effortless setup with a plug-and-play design, making it an excellent addition to bars, restaurants, and cafes.
- **Durable and User-Friendly:** Constructed for undercounter installation, this ice maker combines robust functionality with ease of use, making it an essential addition to any commercial kitchen or bar.



Figure 2: Example of Full Cube Ice. This image illustrates the type of full cube ice produced by the machine, ideal for various beverage applications.

3. SETUP AND INSTALLATION

The ICEU220FA ice maker is designed for straightforward installation. Due to its commercial nature and specific requirements (water supply, drainage, electrical), professional installation is highly recommended to ensure optimal performance and compliance with local codes.

3.1 Site Preparation

- Ensure the installation area is level and can support the weight of the unit plus ice.
- Provide adequate ventilation around the unit, especially for the air-cooled condenser. Refer to the product dimensions for clearance requirements.
- Verify access to a potable water supply with appropriate pressure and a floor drain or suitable drainage system.
- Confirm electrical supply matches the unit's requirements (voltage, amperage).

3.2 Initial Setup

1. Carefully unpackage the unit and inspect for any shipping damage.

2. Position the ice maker in its final location, ensuring proper leveling.
3. Connect the water supply line, ensuring all connections are secure and leak-free.
4. Connect the drain line, ensuring proper slope for gravity drainage or connection to a drain pump if required.
5. Plug the unit into a dedicated electrical outlet.



Figure 3: Undercounter Dimension Reference. This icon indicates the typical undercounter width, highlighting the compact design for integration into commercial spaces.

4. OPERATING INSTRUCTIONS

Once properly installed and connected, the Ice-O-Matic ICEU220FA is designed for automatic operation.

4.1 Starting the Unit

1. Ensure the water supply valve is fully open.
2. Turn on the main power switch for the ice maker.
3. The unit will begin its ice-making cycle automatically. The first batch of ice may take longer to produce.

4.2 Ice Production

The machine will continuously produce ice until the storage bin is full. Once the bin is full, a sensor will detect the ice level and temporarily halt production. Ice production will resume automatically as ice is removed from the bin.



Figure 4: Daily Ice Production Capacity. This icon represents the unit's ability to produce a significant amount of ice daily, indicated by the "LBS" symbol.

5. MAINTENANCE AND CLEANING

Regular maintenance is crucial for the longevity and efficient operation of your ice maker. Neglecting maintenance can lead to reduced ice production, poor ice quality, and potential equipment failure.

5.1 Daily Maintenance

- Keep the exterior of the unit clean with a damp cloth.
- Ensure the ice scoop is clean and stored properly.

5.2 Weekly/Bi-Weekly Maintenance

- Clean the ice storage bin with a mild, food-safe sanitizer.
- Check for any unusual noises or leaks.

5.3 Monthly/Quarterly Maintenance (Professional Recommended)

- Clean the condenser coils to ensure proper airflow and cooling efficiency. This is critical for air-cooled units.
- Sanitize the entire ice-making system (evaporator, water lines, pump).
- Inspect and clean the water filter (if installed). A proper filtration system is highly recommended to prevent scale buildup and improve ice quality.
- Check all electrical connections and components.

Note: Regular professional maintenance, including descaling and sanitizing, is essential to prevent mineral buildup and ensure hygienic ice production. Failure to perform regular maintenance may void warranty and lead to costly repairs.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Unit not making ice	No power; Water supply off; Clogged filter; High ambient temperature; Refrigerant leak.	Check power connection and circuit breaker; Ensure water supply valve is open; Replace/clean water filter; Ensure adequate ventilation; Contact service technician.
Low ice production	Dirty condenser coils; Low water pressure; Scale buildup on evaporator; High ambient temperature.	Clean condenser coils; Check water pressure; Descale evaporator (professional service); Improve ventilation.
Ice is soft or cloudy	Poor water quality; Dirty water system; High water temperature.	Install/replace water filter; Sanitize water system; Ensure proper water inlet temperature.
Unusual noise	Loose components; Fan obstruction; Compressor issue.	Inspect for loose parts; Clear obstructions; Contact service technician.

If troubleshooting steps do not resolve the issue, or if you suspect a manufacturing defect, it is recommended to contact Ice-O-Matic customer support or a certified technician. Attempting repairs without proper knowledge may void your warranty and pose safety risks.

7. SPECIFICATIONS

Attribute	Value
Model Number	ICEU220FA
Brand	Ice-O-Matic

Attribute	Value
Ice Production Capacity (24h)	Approximately 238 lbs (108 kg)
Ice Storage Bin Capacity	70 lbs
Ice Type	Full Cube (7/8" x 7/8" x 7/8")
Cooling Type	Air-Cooled, Self-Contained Condenser
Product Dimensions (D x W x H)	26.27"D x 24.54"W x 39"H
Weight	160 Pounds
Wattage	7.4 kWh
First Available Date	May 9, 2008

8. WARRANTY AND SUPPORT

For specific warranty information, please refer to the documentation provided with your purchase or visit the official Ice-O-Matic website. Warranties typically cover manufacturing defects for a specified period.

For technical assistance, service requests, or to inquire about replacement parts, please contact Ice-O-Matic customer support. You may also reach out to the seller, Burkett and Sons, Inc., for purchase-related inquiries.

- Manufacturer:** Ice-O-Matic
- Seller:** Burkett and Sons, Inc.
- Customer Support:** Refer to your product registration or the manufacturer's website for contact details.

Important: Keep your proof of purchase and model number (ICEU220FA) readily available when contacting support.

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This manual is for informational purposes only. Specifications are subject to change without notice.

Related Documents - ICEU220FA

 <p>ELEVATION SERIES™ CUBE ICE MAKER CIM2046HR49</p> <p>Product and Benefits Features and Benefits Dimensions and Weight Technical Data Options and Accessories Warranty Memory Options and Accessories Warranty</p>	<p>Ice-O-Matic CIM2046HR49 Elevation Series Cube Ice Maker: Specifications, Features & Dimensions</p> <p>Explore the comprehensive specifications, features, and benefits of the Ice-O-Matic CIM2046HR49 Elevation Series Cube Ice Maker. This document details dimensions, operating requirements, warranty information, and available options for commercial use. Find detailed technical data for this high-capacity ice machine.</p>
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 <p>PEARL ICE® MAKER GEM0956A90</p> <p>ELEVATION SERIES™ CUBE ICE MAKER CIM0836FR49</p> <p>ELEVATION SERIES™ CUBE ICE MAKER CIM0530HR49</p> <p>ELEVATION SERIES™ CUBE ICE MAKER CIM0320HA90</p> <p>ELEVATION SERIES™ CUBE ICE MAKER CIM0430FA90</p>	<p>Ice-O-Matic GEM0956A90 Pearl Ice Maker - Features, Specifications, and Overview</p> <p>Detailed overview of the Ice-O-Matic GEM0956A90 Pearl Ice Maker, including features, benefits, ice forms, bin chart, warranty, specifications, and operating requirements. Learn about its R290 refrigerant, nugget-style ice, and industrial-grade design.</p>
 <p>ELEVATION SERIES™ CUBE ICE MAKER CIM0836FR49</p>	<p>Ice-O-Matic CIM0836FR49 ELEVATION SERIES™ Cube Ice Maker - Product Overview & Specifications</p> <p>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.</p>
 <p>ELEVATION SERIES™ CUBE ICE MAKER CIM0530HR49</p>	<p>Ice-O-Matic CIM0530HR49 Elevation Series Cube Ice Maker - Technical Specifications</p> <p>Detailed technical specifications, features, dimensions, and operating requirements for the Ice-O-Matic CIM0530HR49 Elevation Series cube ice maker.</p>
 <p>ELEVATION SERIES™ CUBE ICE MAKER CIM0320HA90</p>	<p>Ice-O-Matic CIM0320HA90 Elevation Series Cube Ice Maker - Product Overview & Specifications</p> <p>Detailed overview of the Ice-O-Matic CIM0320HA90 Elevation Series Cube Ice Maker, including features, benefits, technical specifications, dimensions, operating requirements, and warranty information. Learn about its R290 refrigerant, modular design, and efficient ice production.</p>
 <p>ELEVATION SERIES™ CUBE ICE MAKER CIM0430FA90</p>	<p>Ice-O-Matic CIM0430FA90 Elevation Series Cube Ice Maker - Specifications and Features</p> <p>Detailed specifications, features, and benefits for the Ice-O-Matic CIM0430FA90 Elevation Series cube ice maker, including dimensions, ice production, and warranty information.</p>