

Ice-O-Matic CIM0636FAB55PS

Ice-O-Matic CIM0636FAB55PS Elevation Series Ice Machine User Manual

Model: CIM0636FAB55PS

1. IMPORTANT SAFETY INFORMATION

Read all instructions thoroughly before operating the Ice-O-Matic CIM0636FAB55PS ice machine. Failure to follow these instructions may result in property damage, personal injury, or death. Keep this manual for future reference.

- Always disconnect power before performing any maintenance or service.
- Ensure proper grounding to prevent electrical shock.
- Do not operate the machine with damaged cords or plugs.
- Only qualified personnel should perform installation and service.
- Maintain adequate ventilation around the unit.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

2. PRODUCT OVERVIEW

The Ice-O-Matic CIM0636FAB55PS is an Elevation Series modular ice machine designed for commercial use. It produces up to 600 lbs of full-size ice cubes per day and features an air-cooled condenser. The unit includes a 510 lb capacity ice storage bin with an insulated, corrosion-proof polyethylene liner and a built-in scoop holder. This model is ENERGY STAR qualified and exceeds 2018 DOE regulations for energy efficiency.

Key Features:

- Produces up to 600 lbs of ice per day.
- Air-cooled operation.
- Full-size cube ice.
- 510 lb ice storage bin capacity.
- Insulated, corrosion-proof polyethylene bin liner.
- Built-in scoop holder.
- ENERGY STAR qualified.

- Adjustable NSF-approved legs.
- NSF certified.



Figure 1: Ice-O-Matic CIM0636FAB55PS Elevation Series Ice Machine with Bin. This image shows the complete ice machine unit, including the ice maker head mounted on top of the ice storage bin.

3. SETUP AND INSTALLATION

Proper installation is crucial for the efficient and safe operation of your ice machine. It is recommended that installation be performed by a qualified technician.

3.1. Location Requirements

- Install the unit indoors, away from direct sunlight and heat sources.
- Ensure ambient air temperature is between 50°F (10°C) and 100°F (38°C).
- Maintain adequate clearance around the machine for proper air circulation (minimum 6 inches on sides and rear).
- The floor must be level and capable of supporting the machine's weight (approximately 285 lbs empty, plus ice).

3.2. Electrical Connection

- The machine requires a dedicated 115 Volt, 60 Hz, single-phase electrical supply.
- Ensure the circuit is properly fused and grounded according to local electrical codes.
- Do not use extension cords.

3.3. Water Supply and Drain

- Connect to a potable water supply with a pressure between 20 psi and 80 psi.
- Install a water filter to ensure optimal ice quality and machine longevity.
- Connect the drain line to an open, vented drain, ensuring proper slope for gravity drainage.

4. OPERATING INSTRUCTIONS

Once the machine is properly installed and connected to utilities, it is ready for operation.

1. **Initial Startup:** After installation, ensure all water and electrical connections are secure. Turn on the water supply valve.
2. **Power On:** Locate the main power switch (typically on the front or side panel) and switch it to the "ON" position.
3. **Ice Production Cycle:** The machine will automatically begin its ice production cycle. This typically involves filling the water reservoir, freezing water onto the evaporator, and then harvesting the ice into the storage bin.
4. **Monitoring:** Observe the first few cycles to ensure proper operation and ice formation.
5. **Ice Retrieval:** Use the provided ice scoop to retrieve ice from the storage bin. Always close the bin door immediately after use to maintain ice quality and temperature.
6. **Shut Down:** To temporarily stop ice production, switch the main power switch to the "OFF" position. For extended periods of non-use, also turn off the water supply and drain the system.

5. MAINTENANCE AND CLEANING

Regular maintenance and cleaning are essential for optimal performance, ice quality, and longevity of your Ice-O-Matic ice machine.

5.1. Daily Maintenance

- Wipe down the exterior surfaces with a clean, damp cloth.
- Ensure the ice scoop is clean and stored properly in its holder.

5.2. Weekly Maintenance

- Clean the interior of the ice storage bin. The insulated, corrosion-proof polyethylene bin liner can be wiped with a mild, food-safe sanitizer solution. Rinse thoroughly.
- Check and clean the air filter on the condenser (if accessible) to ensure proper airflow.

5.3. Monthly / Bi-Monthly Cleaning (or as needed)

- **Descaling:** The ice-making system should be descaled to remove mineral buildup. Use an approved ice machine cleaner and follow the manufacturer's instructions carefully. This process typically involves circulating the cleaning solution through the system.
- **Sanitizing:** After descaling, the system should be sanitized to prevent bacterial growth. Use an approved ice machine sanitizer.
- **Water Filter Replacement:** Replace the water filter cartridge according to the filter manufacturer's recommendations, typically every 3-6 months.

Warning: Always disconnect power to the machine before performing any internal cleaning or maintenance. Wear

appropriate personal protective equipment (PPE) when handling cleaning chemicals.

6. TROUBLESHOOTING

Before contacting service, review the following common issues and their potential solutions.

Problem	Possible Cause	Solution
Machine not producing ice.	No power; Water supply off; Clogged water filter; High ambient temperature.	Check power connection and circuit breaker; Ensure water supply valve is open; Replace water filter; Ensure proper ventilation and ambient temperature.
Low ice production.	Dirty condenser coil; Clogged water filter; Low water pressure; High ambient temperature.	Clean condenser coil; Replace water filter; Check water supply pressure; Ensure proper ventilation.
Ice cubes are soft or hollow.	Mineral buildup on evaporator; Incorrect water level; High water temperature.	Perform descaling procedure; Verify water level sensor; Ensure water supply temperature is within specifications.
Unusual noise during operation.	Loose components; Fan motor issue; Compressor issue.	Inspect for loose parts; Contact a qualified service technician for diagnosis and repair.

If the problem persists after attempting these solutions, contact a qualified service technician.

7. SPECIFICATIONS

Attribute	Detail
Model Number	CIM0636FAB55PS
Brand	Ice-O-Matic
Ice Production Capacity	Up to 600 lbs per day
Ice Type	Full-size cubes
Condenser Type	Air-cooled
Bin Storage Capacity	510 lbs
Dimensions (H x W x D)	71 1/2 in x 30 1/4 in x 31 in
Item Weight (Empty)	285 pounds
Voltage	115 Volts
Refrigerant	R600a
Certifications	ENERGY STAR, NSF

8. WARRANTY INFORMATION

The Ice-O-Matic CIM0636FAB55PS ice machine comes with the following warranty:

- **3-Year Warranty:** Covers parts and labor.
- **5-Year Warranty:** Covers the evaporator and compressor.

For detailed warranty terms and conditions, please refer to the official Ice-O-Matic warranty document or contact customer support.

9. CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to schedule service, please contact Ice-O-Matic customer support or your authorized dealer.

Manufacturer: Ice-O-Matic

Model: CIM0636FAB55PS

Please have your model number and serial number ready when contacting support.