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Frigidaire FGIC3600

Frigidaire FGIC3600 Commercial Ice Maker User Manual

Brand: Frigidaire | **Model:** FGIC3600

1. Important Safety Instructions

Please read all instructions carefully before operating the appliance. Retain this manual for future reference. Failure to follow these instructions may result in property damage, personal injury, or death.

- Ensure the appliance is properly grounded.
- Do not operate the ice maker with a damaged power cord or plug.
- Keep ventilation openings clear of obstructions.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Only use potable water for ice production.
- Unplug the appliance before cleaning or performing any maintenance.

2. Product Overview

The Frigidaire FGIC3600 is a commercial-grade ice maker designed for undercounter installation, capable of producing up to 80 pounds (36 kilograms) of ice per day. It features a stainless steel finish, an LED display, and front ventilation for efficient operation.



Figure 2.1: Front view of the Frigidaire FGIC3600 Commercial Ice Maker. This image displays the stainless steel exterior and the integrated handle.

3. Setup and Installation

3.1 Unpacking

- Carefully remove all packaging materials, including tape and protective films.
- Inspect the ice maker for any shipping damage. Contact your retailer immediately if damage is found.
- Ensure all accessories, such as the ice scoop and water inlet hose, are present.

3.2 Placement

The ice maker is designed for built-in undercounter installation. Ensure the chosen location meets the following criteria:

- **Ventilation:** The unit features front ventilation. Ensure adequate airflow around the front grille. Do not block the ventilation openings.
- **Level Surface:** Place the ice maker on a flat, stable surface. Use the adjustable anti-slip feet to level the unit, preventing vibrations and ensuring proper drainage.
- **Clearance:** Allow sufficient space for door opening and maintenance access.
- **Temperature:** Install in an environment where the ambient temperature is between 10°C (50°F) and 38°C (100°F).



Figure 3.1: Detail showing the adjustable anti-slip feet and ergonomic handle, crucial for proper placement and leveling.

3.3 Water Connection

Connect the ice maker to a potable water supply using the provided water inlet hose. Ensure all connections are secure to prevent leaks. A water pressure between 0.1 MPa (14.5 PSI) and 0.8 MPa (116 PSI) is recommended.

3.4 Electrical Connection

Plug the ice maker into a dedicated, grounded 110 Volt AC outlet. Do not use extension cords or adapter plugs. Ensure the electrical supply matches the requirements specified on the product label.

3.5 Initial Cleaning

Before first use, clean the interior of the ice maker, including the water tank and ice bin, with a mild detergent and warm water. Rinse thoroughly and wipe dry. This ensures hygienic ice production from the start.



Figure 3.2: The 0.9 Litre water tank, which should be cleaned before initial use and regularly thereafter.

4. Operating Instructions

4.1 Control Panel Overview

The ice maker features an intuitive LED display and control buttons for easy operation.



Figure 4.1: The LED control panel, displaying options for timer, cleaning, power, and ice batch thickness adjustments.

- **On/Off Button:** Powers the unit on or off.
- **Timer Button:** Sets a delay for starting or stopping ice production.
- **Clean Button:** Initiates the self-cleaning cycle.
- **+/- Buttons:** Adjust settings such as ice batch time (thickness) or timer duration.
- **LED Display:** Shows current status, temperature, and selected settings.

4.2 Ice Production

Once connected to water and power, press the On/Off button to start ice production. The unit will automatically begin making ice.

- **Capacity:** Produces up to 80 lbs (36 kg) of ice per day.
- **Cycle Time:** Generates approximately 40 square ice cubes in 15 to 30 minutes, depending on selected thickness and ambient conditions.

- **Ice Thickness:** Use the +/- buttons to adjust the ice batch time, which controls the thickness of the ice cubes (Thin, Medium, Thick).



Figure 4.2: Interior view highlighting the ice making capacity of 80 lbs per day and 40 ice cubes per cycle.



Figure 4.3: Illustration of the powerful compressor for fast ice production and the self-cleaning ice cube tray for pure ice.

5. Maintenance and Cleaning

Regular maintenance ensures optimal performance and extends the lifespan of your ice maker.

5.1 Self-Cleaning Function

The ice maker is equipped with a self-cleaning function. Press the "Clean" button on the control panel to initiate this cycle. This helps maintain hygiene and prevents mineral buildup in the ice-making components.

5.2 Manual Cleaning

- **Interior:** Periodically clean the ice bin, water tank, and other interior surfaces with a solution of mild detergent and water. For stubborn mineral deposits, a descaling solution designed for ice makers can be used. Always rinse thoroughly with clean water.
- **Exterior:** Wipe the stainless steel exterior with a soft cloth and a stainless steel cleaner.

- **Air Filter:** The front ventilation grille may have an air filter. Clean or replace it regularly to ensure proper airflow and cooling efficiency.

5.3 Drainage

Ensure the drain line is clear and free of obstructions to prevent water backup. Regular flushing of the drain system is recommended.

6. Troubleshooting Guide

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

Problem	Possible Cause	Solution
Ice maker not producing ice.	No water supply; power issue; low ambient temperature; clogged water filter.	Check water connection and supply valve; ensure unit is plugged in and power is on; verify ambient temperature is within operating range; clean or replace water filter.
Ice cubes are too small or soft.	Water temperature too high; ambient temperature too high; dirty condenser; incorrect ice thickness setting.	Ensure cold water supply; improve room ventilation; clean condenser coils; adjust ice thickness setting to "Thick".
Water leaks from the unit.	Loose water connections; clogged drain line; unit not level.	Tighten all water inlet and drain connections; clear any obstructions in the drain line; level the unit using the adjustable feet.
Unusual noise during operation.	Unit not level; loose components; fan obstruction.	Ensure the unit is level; check for any loose parts and secure them; ensure nothing is obstructing the fan blades.

7. Specifications

Feature	Detail
Brand	Frigidaire
Model Number	FGIC3600
Ice Making Capacity	Up to 80 LBS (36 KGS) per day
Product Dimensions (W x D x H)	38.1 cm x 51.56 cm x 85.09 cm (15 inches x 20.3 inches x 33.5 inches)
Weight	27.22 kg (60 lbs)
Voltage	110 Volts

Feature	Detail
Installation Type	Built-in Undercounter
Ventilation	Front Ventilation
Control Type	LED Display with Push Buttons
UPC	058465832421
Manufacturer	Curtis International Ltd

8. Warranty and Customer Support

For warranty information, please refer to the warranty card included with your product or contact the manufacturer directly. Keep your purchase receipt as proof of purchase.

For technical assistance, parts, or service inquiries, please contact Curtis International Ltd, the manufacturer of your Frigidaire ice maker.

Manufacturer: Curtis International Ltd

Contact details are typically found in the product packaging or on the manufacturer's official website.

Ask a question about this manual

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