

GarveeHome 120LBS/24H

GarveeHome Commercial Ice Maker Machine 120 LBS/24H User Manual

Model: 120LBS/24H | Brand: GarveeHome

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, installation, and maintenance of your GarveeHome Commercial Ice Maker Machine. Please read this manual thoroughly before operating the appliance and retain it for future reference.

The GarveeHome Commercial Ice Maker Machine is designed for efficient ice production, capable of producing up to 120 pounds of ice per 24 hours, with a storage capacity of 40 pounds. It features an intuitive LED display, automatic cleaning function, and adjustable ice thickness settings, making it suitable for various commercial and residential applications.

2. SAFETY INFORMATION

- Ensure the appliance is properly grounded to prevent electrical shock.
- Do not operate the ice maker with a damaged power cord or plug.
- Keep the 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.
- The ice storage liner is food-grade and FDA approved, ensuring hygienic ice production.
- The ice maker is ETL certified, indicating compliance with safety standards.

3. PACKAGE CONTENTS

Verify that all items are present and undamaged:

- GarveeHome Commercial Ice Maker Machine
- PP Cotton Filter *1
- Inlet Pipe *1
- Drainage Pipe *1
- Ice Scoop *1
- Nozzle *1
- Support Feet *4



Image: List of accessories including PP cotton filter, inlet pipe, drainage pipe, ice scoop, nozzle, and support feet.

4. SETUP AND INSTALLATION

4.1 Unpacking and Placement

1. Carefully remove the ice maker from its packaging.
2. Tear off any protective film from the stainless steel shell.
3. Place the ice maker on a flat, stable surface. Ensure there is adequate ventilation around the unit.
4. Install the four adjustable support feet at the bottom of the unit to ensure stability and proper leveling.



Image: The ice maker showing its dimensions: Length 15.28in, Width 14.57in, Height 31.42in.

4.2 Water Connection

1. **Install the Filter:** Connect one end of the inlet pipe to the PP cotton filter. Secure the filter to the back of the ice maker using the provided clips.
2. **Connect Water Source:** Connect the other end of the inlet pipe to the nozzle, then connect the nozzle to a potable water source. Ensure all connections are tight to prevent leaks.
3. **Install Drain Pipe:** Connect the drainage pipe to the 'DRAIN' outlet on the back of the ice maker. Route the drain pipe to a suitable drainage point, ensuring it has a downward slope for proper water flow.



Image: Rear view of the ice maker highlighting the automatic water inlet and drain connections.

4.3 Power Connection

Plug the power cord into a grounded electrical outlet. Ensure the power supply matches the voltage requirements of the ice maker (120V).

Installation and Operation Video

Video: This video demonstrates the installation process and an overview of the ice maker's features, including its stainless steel construction, food-grade ice storage, blue lights, timing functions, and automatic cleaning.

Video: This video provides a detailed demonstration of the ice maker's functional operations, including accessory installation, normal ice making, adjusting ice thickness, scheduling shutdown/startup, forced de-icing, and automatic cleaning.

5. OPERATION

5.1 Control Panel Overview



Image: Detailed view of the LED control panel, showing buttons for Timer/Clean, On/Off, De-icing/Blue Light, and adjustment arrows.

The LED display shows the current indoor temperature and various status icons. The control panel includes:

- **ON/OFF Button:** Powers the unit on or off.
- **TIMER/CLEAN Button:** Initiates the automatic cleaning cycle or sets a timer.
- **DEICING/BLUE LIGHT Button:** Activates the blue interior light or initiates forced de-icing.
- **Up/Down Arrows:** Adjust ice thickness, timer settings, or other parameters.
- **Indicators:** Power, Ice Full, Ice Making, Timer, Clean, Water Low, Temperature, Remaining Ice-Making Time.

5.2 Normal Ice Making

1. Ensure the water supply is connected and turned on.
2. Press the **ON/OFF** button to start the ice maker. The 'POWER' and 'ICE MAKING' lights will illuminate.
3. The display will show a countdown for the ice-making cycle. Ice cubes will be produced in approximately 12-15 minutes.
4. The machine will automatically stop when the ice storage bin is full, indicated by the 'ICE FULL' light.



Image: The GarveeHome ice maker with a full bin of ice cubes, ready for use.

5.3 Adjusting Ice Thickness

The ice maker allows for adjustment of ice cube thickness to suit different needs:

- During the ice-making process, use the **Up** or **Down** arrow keys to adjust the ice thickness.
- The adjustable range is typically from -6 (thinner ice) to +6 (thicker ice).
- Thinner ice (0 min) is suitable for smoothies, medium ice (3 min) for retaining freshness, and thicker ice (6 min) for cooling drinks.

CONTROL YOUR ICE THICKNESS



0min-Thin
Making Smoothies



3min-Medium
Retaining Freshness



6min-Thick
Cooling Drinks



Image: Visual representation of different ice thickness settings and their recommended uses.

5.4 Scheduling (Shutdown/Startup)

The timer function allows you to schedule the ice maker's operation:

1. **To Schedule Shutdown:** During ice making, press the **TIMER/CLEAN** key. The 'TIMER' light will turn on. Use the **Up** or **Down** arrow keys to set the desired shutdown time (in hours). Wait for approximately 3 seconds for the setting to confirm. You can cancel the schedule by pressing the **ON/OFF** key.
2. **To Schedule Startup:** In standby mode, press the **TIMER/CLEAN** key. The 'TIMER' light will turn on. Use the **Up** or **Down** arrow keys to set the desired startup time (in hours). Wait for approximately 3 seconds for the setting to confirm. You can cancel the schedule by pressing the **ON/OFF** key.

5.5 Forced De-icing and Blue Light

The **DEICING/BLUE LIGHT** button has two functions:

- **Blue Light:** Press the **DEICING/BLUE LIGHT** key once to turn the automatic sensing blue interior light on or off. This light allows you to easily check on your ice cubes.
- **Forced De-icing:** Press and hold the **DEICING/BLUE LIGHT** key for 3 seconds to initiate forced de-icing. The 'ICE MAKING' light will flash, and the screen will display '00' and flash during this process.

6. MAINTENANCE

6.1 Automatic Cleaning

Regular cleaning is essential for maintaining hygiene and performance:

1. Ensure the ice maker is in standby mode or actively making ice.
2. Press and hold the **TIMER/CLEAN** key for 3 seconds to enter the automatic cleaning mode.
3. The 'CLEAN' light will turn on, and the display will show a 30-minute countdown. The machine will perform a self-cleaning cycle.
4. Once the cycle is complete, the machine will return to its previous state.



Image: Illustration of the self-cleaning function, showing the internal water circulation for cleaning.

6.2 Regular Cleaning (Manual)

In addition to automatic cleaning, periodic manual cleaning is recommended:

- Unplug the ice maker from the power outlet.
- Drain any remaining water from the unit.
- Wipe down the interior and exterior surfaces with a soft cloth and mild detergent. Rinse thoroughly.
- Clean the ice storage bin and ice scoop with warm, soapy water.
- Ensure all parts are dry before reassembling and restarting the machine.

6.3 Filter Replacement

The PP cotton filter should be replaced periodically to ensure optimal water quality and ice production. Refer to the filter manufacturer's instructions for replacement frequency.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No ice production	No water supply; power off; clogged filter.	Check water connection and supply; ensure power is on; clean or replace filter.
Ice cubes are too thin/thick	Ice thickness setting incorrect.	Adjust ice thickness using the Up/Down arrow keys on the control panel.
'WATER LOW' indicator on	Insufficient water supply.	Check water connection and ensure water supply is open.
'ICE FULL' indicator on, but bin not full	Ice sensor obstructed or faulty.	Clear any ice blocking the sensor; contact support if issue persists.
Unusual noise during operation	Loose parts; compressor issue.	Check for loose components; if noise persists, contact customer support.

8. SPECIFICATIONS

- **Brand:** GarveeHome
- **Model:** 120LBS/24H
- **Ice Production Capacity:** Up to 120 LBS per 24 hours
- **Ice Storage Capacity:** 40 LBS
- **Ice Cube Production per Cycle:** 40 cubes in 12-15 minutes
- **Product Dimensions:** 21.65"D x 19.69"W x 35.43"H
- **Weight:** 76.3 Pounds
- **Voltage:** 120V
- **Noise Level:** Below 50dB

- **Certifications:** ETL Certified

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or contact GarveeHome customer service. Ensure you have your model number and purchase date available when contacting support.