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Model: HBB100

1. PRODUCT OVERVIEW

The COTLIN Commercial Nugget Ice Maker, Model HBB100, is designed to provide high-quality, chewable nugget ice for both commercial and home environments. This machine features a robust SECOP compressor, 3-in-1 smart operating modes, and a daily ice production capacity of up to 250 lbs with a 7 lb storage bin. Its intelligent design prioritizes hygiene and efficiency.



Overview image of the COTLIN Commercial 250 lb Ice Maker with SECOP Compressor, highlighting key features such as nugget ice, 3-in-1 mode, low noise, and suitability for home and commercial use.

Key Features:

- **Premium Nugget Ice:** Produces soft, chewable nugget ice that melts slowly and preserves drink flavor.
- **Three Smart Modes:** Offers ice making, water dispensing, and ice-water mixing, all controlled with a single

touch.

- **High-Performance SECOP Compressor:** Ensures superior efficiency, quieter operation, and extended service life.
- **High-Capacity Production:** Up to 250 lbs of ice per day with a 7-lb storage bin, producing ice in 4-5 minutes.
- **Intelligent Design:** Features hands-free ice dispensing, integrated water and power connections, automatic drainage, and a removable dust filter.
- **ETL Certified:** Complies with strict U.S. safety and quality standards.

2. SAFETY INFORMATION

Please read and understand all safety instructions before operating the appliance. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Ensure the appliance is properly grounded. Do not remove the grounding prong from the power cord.
- Do not operate the ice maker with a damaged power cord or plug. If damaged, contact customer support for replacement.
- Keep ventilation openings in the appliance enclosure or in the built-in structure clear of obstruction.
- Use only potable (drinkable) water for ice production.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- This appliance is ETL certified, ensuring it meets recognized safety standards.
- Unplug the appliance before cleaning, maintenance, or if it will not be used for an extended period.



Image displaying the ETL certification logo and a certificate, indicating compliance with safety standards.

3. SETUP AND INSTALLATION

3.1 Unpacking

Carefully remove all packaging materials, including tape and protective films. Inspect the unit for any shipping damage. Report any damage to your retailer immediately.

3.2 Placement

- Place the ice maker on a firm, level surface capable of supporting its weight (121 lbs).
- Ensure adequate ventilation. Maintain at least 6 inches (15 cm) of clearance on the sides and back of the unit.
- Avoid placing the unit in direct sunlight or near heat-generating appliances (e.g., ovens, radiators).

- The ambient temperature should be between 50°F (10°C) and 90°F (32°C) for optimal performance.

Contactless One Click Ice Cubes more hygienic and healthy



Image showing the dimensions of the COTLIN Commercial Nugget Ice Maker: 23.22"D x 14.17"W x 34.84"H.

3.3 Water Connection

Connect the ice maker to a potable water supply using the provided water inlet hose. Ensure all connections are tight to prevent leaks. The water pressure should be within the recommended range (typically 15-80 PSI). It is recommended to install a water filter for improved ice quality and machine longevity.

3.4 Drainage Connection

Connect the drain hose to a suitable floor drain or a larger waste receptacle. Ensure the drain hose has a continuous downward slope to allow for proper gravity drainage of melted ice and waste water.

3.5 Electrical Connection

Plug the ice maker into a dedicated, grounded 110V electrical outlet. Do not use extension cords or adapter plugs, as this can pose a fire hazard or cause electrical shock.

3.6 Initial Cleaning

Before first use, clean the interior of the ice maker, including the ice storage bin, with a mild detergent and warm water. Rinse thoroughly with clean water. Run the ice maker for a few cycles and discard the first 2-3 batches of ice to ensure cleanliness.

4. OPERATING INSTRUCTIONS

The COTLIN HBB100 ice maker features an intuitive control panel for easy operation.



Diagram illustrating the three operating modes: ice water, ice cube, and water dispensing, with examples of iced Americano, iced cocktail, and drinking water.

4.1 Power On/Off

Press the Power button on the control panel to turn the unit on or off.

4.2 Mode Selection

The ice maker offers three distinct operating modes:

- **Ice Making Mode:** The machine will automatically produce nugget ice and store it in the internal bin. Ice production typically takes 4-5 minutes per cycle. The system automatically replenishes ice as levels drop.
- **Water Dispensing Mode:** Press the 'Water' button to dispense chilled water directly from the unit.
- **Ice-Water Mixing Mode:** Press the 'Ice-Water' button to dispense a mixture of ice and water.

4.3 Dispensing Ice

To dispense ice, place your cup or container under the dispenser chute and press the 'Ice' button. The unit features contactless, hands-free dispensing for improved hygiene.

Why Choose COTLIN Over Traditional Ice Makers?

Nugget Ice	Square Ice
SECOP compressor, no false advertising	Inferior compressors
Three modes	Single mode
Low failure rate, quality guaranteed	High failure rate, high repair costs
Long service life, up to 10 years or more	Short service life

Image showing a person using the contactless ice dispensing feature of the COTLIN ice maker, highlighting its hygienic design.

4.4 Automatic Ice Production

The ice maker continuously monitors the ice level in the storage bin. When the ice level falls below a certain threshold (e.g., 3 kg), the machine will automatically initiate a new ice production cycle to ensure a constant supply.

5. MAINTENANCE

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

5.1 Exterior Cleaning

Wipe the exterior surfaces with a soft, damp cloth. For stubborn stains, use a mild, non-abrasive cleaner. Avoid harsh chemicals or abrasive pads that could damage the finish.

5.2 Interior and Ice Bin Cleaning

Periodically clean the interior of the ice storage bin and the ice-making components. Unplug the unit, remove any remaining ice, and clean with a solution of mild detergent and water. Rinse thoroughly. The automatic drainage system helps manage residual water, but manual cleaning is still necessary.

5.3 Dust Filter Cleaning

The unit features a removable dust filter located at the bottom air intake. Clean this filter periodically (e.g., monthly) to ensure proper airflow and efficient heat dissipation. Remove the filter, wash it with warm water, let it dry completely, and then reinsert it.

5.4 Descaling

Over time, mineral deposits from water can accumulate within the ice-making system. Periodically descale the unit using an ice maker descaling solution. Follow the descaling agent manufacturer's instructions carefully. The frequency of descaling depends on water hardness.

5.5 Long-Term Storage

If the ice maker will not be used for an extended period, unplug it, drain all water from the system, and clean the interior thoroughly. Leave the door or access panel slightly ajar to allow for air circulation and prevent mold or mildew growth.

6. TROUBLESHOOTING

Refer to the following table for common issues and their solutions.

Problem	Possible Cause	Solution
No ice production	No power No water supply Water inlet valve closed	Check power connection and outlet Ensure water supply is connected and turned on Open the water inlet valve
Slow ice production	Poor ventilation Dirty dust filter High ambient temperature	Ensure adequate clearance around unit Clean the dust filter Operate in a cooler environment
Water leakage	Loose water connections Clogged drain hose Unit not level	Tighten all water inlet and drain connections Clear any obstructions in the drain hose Adjust leveling feet to ensure unit is level
Unusual noise	Unit not level Obstruction in fan/compressor area	Ensure unit is on a stable, level surface Check for and remove any obstructions

If the problem persists after attempting these solutions, please contact COTLIN customer support.

7. SPECIFICATIONS

Feature	Specification
Brand	COTLIN
Model Name	HBB100 Ice Machine
Product Dimensions (D x W x H)	23"D x 14"W x 35"H
Ice Storage Capacity	7 Pounds
Daily Ice Production	Up to 250 lbs/day
Wattage	650 watts
Item Weight	121 Pounds
Voltage	110 Volts
Refrigerant	R404a
Certification	ETL Certified

8. WARRANTY AND SUPPORT

COTLIN provides lifetime service support for the HBB100 Commercial Nugget Ice Maker. Our professional team is available to assist with any questions or issues you may encounter.

The product is ETL Certified, ensuring it meets stringent U.S. safety and quality standards, providing confidence in its reliability and performance.

Contact Information:

For support, please refer to the contact details provided with your purchase documentation or visit the official COTLIN website.