

Electactic HBZB-30N

Electactic Commercial Nugget Ice Maker Machine HBZB-30N User Manual

Model: HBZB-30N | Brand: Electactic

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Electactic Commercial Nugget Ice Maker Machine, Model HBZB-30N. Please read all instructions carefully before using the appliance and retain this manual for future reference.

2. SAFETY INSTRUCTIONS

WARNING: To reduce the risk of fire, electric shock, or injury, follow these basic precautions:

- Ensure the appliance is properly grounded.
- Do not operate the appliance with a damaged cord or plug.
- Do not allow children to operate or play with the ice maker.
- Disconnect power before cleaning or servicing.
- Use only potable water for ice production.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- The appliance must be positioned so that the plug is accessible.
- This appliance is intended to be used in household and similar applications such as staff kitchen areas in shops, offices and other working environments; farm houses and by clients in hotels, motels and other residential type environments; bed and breakfast type environments; catering and similar non-retail applications.

3. PACKAGE CONTENTS

- Electactic Commercial Nugget Ice Maker Machine (Model HBZB-30N)
- Ice Shovel
- Water Hose
- Ice Basket (x2)

- User Manual

4. PRODUCT OVERVIEW

Key Features:

- **Compact Design:** Dimensions of 14.96"D x 16.34"W x 33.07"H, suitable for freestanding or under-counter installation.
- **Efficient Ice Production:** Produces up to 66 pounds of nugget ice per day.
- **Extended Ice Preservation:** Advanced insulation system keeps 90% of ice unmelted for 24 hours.
- **Quiet Operation:** Designed for efficient ice-making without excessive noise interference.
- **Self-Cleaning Function:** Activated by pressing the "Timer Clean" button for 5 seconds.
- **Automatic Water Supply:** Water intake pipe on the back for continuous ice production.
- **24-Hour Timer:** Supports scheduled start-up or shutdown for energy saving.
- **Durable Construction:** Stainless steel door and exterior for durability and easy cleaning.

Components:



Figure 1: Front view of the Electactic Nugget Ice Maker with the door open, revealing the ice-making mechanism and two ice storage

baskets.



Figure 2: Detailed view of the LCD control panel with buttons for Timer, Clean, ON/OFF, and temperature/time adjustments.

Advanced Material For Cold Insulation



Figure 3: Rear view showing the water intake and water outlet connections for the ice maker.

5. INSTALLATION

5.1 Unpacking and Placement

- Remove all packaging materials, including foam and tape.
- Place the ice maker on a flat, stable surface capable of supporting its weight when full of ice and water.
- Ensure adequate ventilation around the unit. Maintain at least 5 inches of space from walls or other appliances.
- This unit can be used freestanding or built-in under a counter. Refer to Figure 4 for placement examples.



Nugget Ice: The Best Ice



66Lbs
Ice 24h



18Lbs
Ice Storage



Self-clean



Timer



Figure 4a: Ice maker placed freestanding in a kitchen setting.

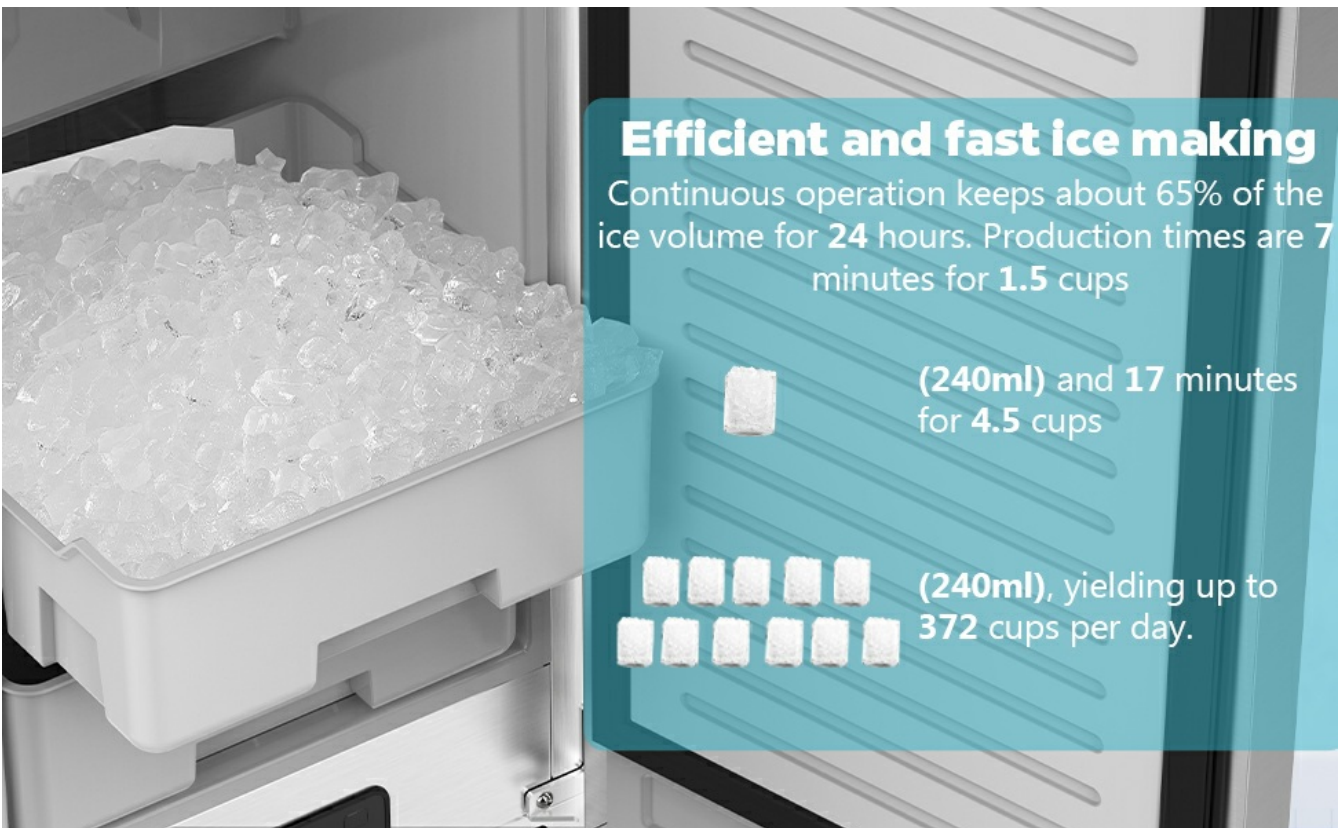


Figure 4b: Ice maker installed under a standard kitchen counter.

5.2 Door Handle Installation

The door handle is typically shipped detached to prevent damage. Follow these steps to install it:

1. Unpack the door handle and its fixed screws.
2. Unscrew the secret screw at the bottom of the door handle with the provided hex wrench to a certain extent to prevent fitting issues during installation.
3. Carefully peel off the protective film from the door surface to reveal the screw holes at the top.

4. Align the fixed screws of the door handle vertically with the holes on the door.
5. Tighten them with a crosshead screwdriver.
6. Align the door handle with the fixed screws, push it in, and ensure it is fully seated.
7. Tighten the bottom security screws.
8. After securing, pull the door handle to ensure it does not become loose.

Refer to the video "Commercial Nugget Ice Maker Machine, 66Lbs/Day" for a visual guide on door handle installation.

Your browser does not support the video tag.

Video 1: Official product video demonstrating the installation of the door handle, water inlet, and door reversal for the Electactic Commercial Nugget Ice Maker Machine.

5.3 Water Inlet Pipe Installation

Connect the ice maker to a potable water supply using the provided water hose.

1. Locate the "Water intake" port at the back of the ice maker.
2. Remove the clip from the water inlet.
3. Align the water pipe with the inlet and push it firmly into place.
4. Reattach the clip that was removed earlier to secure the pipe.
5. Gently pull the water pipe outward to ensure it is securely fixed.
6. To replace or remove the water inlet pipe, first remove the buckle, then push the water inlet pipe inward to remove and replace it.

5.4 Outlet Pipe Installation (Drainage)

The ice maker relies on gravity drainage. Ensure the drain pipe is not placed higher than the water outlet.

1. Locate the "Water outlet" port at the back of the ice maker.
2. Remove the waterproof plug from the drain port.
3. First, align the larger end of the outlet pipe with the drain pipe, then push it in firmly.
4. Ensure the drain pipe leads to a suitable drainage point that is lower than the ice maker's outlet.

5.5 Door Reversal Installation (Optional)

If you need to change the door's opening direction, follow these steps:

1. Pry open the two decorative rings on the top cover of the ice maker.
2. Use a crosshead screwdriver to unscrew the screws, and then remove the top cover.
3. Remove the screw on the top right fixed plate with a crosshead screwdriver.
4. Then lift the door upwards to remove it.
5. Remove the three screws from the bottom right hinge and take off the hinge.
6. Next, remove the three screws from the bottom left corner.
7. Use the original three screws to secure the left hinge accessory to the bottom left corner.
8. Remove the right fixed piece at the bottom of the door.
9. Install the left fixed piece on the left side.
10. Align the hole of the fixing piece at the bottom left corner of the door with the left hinge pin and insert it.
11. Secure the fixture on the top left corner of the door, tighten the screws.
12. Cover with the decorative cap.
13. If the screw holes do not align, loosen the fixtures on both sides for adjustment.
14. Screw hole cover on the top of the decorative piece.

6. OPERATION

6.1 Control Panel Overview



Figure 5: Control Panel functions including Power ON/OFF, Timer/Self-Cleaning, Ice Making Indicator, Water Shortage, Ice Full, and Temperature/Time Setting.

- **ON/OFF Button:** Press to turn the ice maker on or off.
- **TIMER/CLEAN Button:** Short press to set the timer; long press (5 seconds) to activate the self-cleaning function.
- **+/- Buttons:** Adjust timer settings or temperature.
- **Indicators:** Display current temperature, ice making status, water shortage, and ice full status.

6.2 Initial Startup

1. After installation, wait at least 2 hours before plugging in the unit to allow refrigerants to settle.
2. Connect the ice maker to a grounded power outlet.
3. Ensure the water supply is connected and turned on.
4. Press the ON/OFF button to start the ice maker.

6.3 Ice Making

The ice maker will automatically begin producing nugget ice once turned on and connected to a water supply. Ice production typically starts within 10-15 minutes.



Figure 6: Interior of the ice maker with nugget ice accumulating in the storage bins.

For a visual demonstration of ice production, refer to the video "EUHOMY Under Counter Nugget Ice Maker".

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Video 2: This video demonstrates the ice production process of a similar nugget ice maker. Note: This video is for a related product (EUHOMY) and may not perfectly represent the Electactic model.

6.4 Timer Function

Use the TIMER button to schedule the ice maker's operation:

- Press the TIMER button.
- Use the +/- buttons to set the desired delay time for startup or shutdown (up to 24 hours).
- The timer will activate after the set time.

7. MAINTENANCE

7.1 Self-Cleaning Function

The ice maker features an automatic self-cleaning function to maintain hygiene and efficiency:

1. Ensure the ice maker is connected to a water supply.
2. Press and hold the "TIMER CLEAN" button for more than 5 seconds to activate the self-cleaning program.
3. The cleaning cycle will run automatically. Do not interrupt the cycle.
4. Once complete, the unit will return to standby mode.

Features integrated cyclopentane foam insulation and a sturdy stainless steel casing
Durable and effectively isolate external heat.

Ice cubes can remain frozen for 24 hours



Figure 7: Diagram showing the water flow during the self-cleaning process.

7.2 Regular Cleaning

- Regularly clean the exterior with a soft cloth and mild detergent.
- Remove and clean the ice baskets periodically.
- For thorough internal cleaning beyond the self-cleaning cycle, consult a qualified technician.

8. TROUBLESHOOTING

Troubleshooting Guide

Problem	Possible Cause	Solution
Ice maker not producing ice.	No water supply; power off; clogged water line.	Check water connection and supply valve; ensure unit is plugged in and turned on; inspect water line for kinks or blockages.
Ice production is slow.	High ambient temperature; poor ventilation; dirty condenser.	Ensure unit is in a cool, well-ventilated area; clean condenser coils (consult technician if unsure).
Water leakage.	Loose water connections; clogged drain pipe; damaged water hose.	Tighten all water inlet and outlet connections; clear any blockages in the drain pipe; replace damaged hoses.
Unit is noisy.	Unit not level; fan obstruction; compressor noise.	Adjust leveling feet; check for obstructions around fan; some compressor noise is normal. If excessive, contact support.
Ice tastes bad.	Unclean water source; unit needs cleaning.	Use filtered or distilled water; run self-cleaning cycle; perform thorough manual cleaning.

For additional troubleshooting or issues not listed, please contact customer support.

9. SPECIFICATIONS

- **Brand:** Electactic
- **Model Name:** HBZB-30N
- **Product Dimensions:** 14.96"D x 16.34"W x 33.07"H
- **Capacity:** 66 Pounds (ice production per day)
- **Ice Storage Capacity:** 18 lbs
- **Wattage:** 260 watts
- **Voltage:** 115 Volts
- **Refrigerant:** R290a
- **Material:** Stainless Steel
- **Item Weight:** 60.7 pounds
- **Included Components:** Ice shovel, water hose, ice basket*2

10. WARRANTY AND SUPPORT

Electactic is committed to customer satisfaction. For any quality problems, they offer 30 days of new replacement. For further assistance, technical support, or warranty claims, please contact Electactic customer service directly. Refer to your purchase documentation for specific contact details.