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ZOKOP HZB-45

ZOKOP HZB-45 Commercial Ice Maker User Manual

Model: HZB-45

1. Introduction and Safety Information

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your ZOKOP HZB-45 Commercial Ice Maker. Please read this manual thoroughly before operating the appliance and retain it for future reference.

The ZOKOP HZB-45 is a stainless steel commercial ice maker designed for producing up to 99 lbs of clear, hard cube-shaped ice per day, with a storage capacity of 33 lbs. It features an ice-making cycle of 12 to 18 minutes and is suitable for various applications including homes, restaurants, bars, and hotels.

Important Safety Precautions:

- 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 connect to a potable water supply.
- Unplug the unit before cleaning or performing any maintenance.



Figure 1.1: Front view of the ZOKOP HZB-45 Commercial Ice Maker highlighting key parameters such as ice making time (12-18 mins), ice storage capacity (33 lbs), and ice making capacity (99 lbs/24h).

2. Setup and Installation

The HZB-45 ice maker offers versatile installation options: free-standing, recessed, or built-in. Proper installation is crucial for optimal performance and longevity.

2.1 Placement Considerations:

- Ensure adequate clearance around the unit for ventilation, especially if installing under a counter or in a cabinet.
- Place the unit on a level, stable surface to prevent vibration and noise.
- Avoid direct sunlight or heat sources.
- Ensure access to a potable water supply and a drain.

2.2 Water and Drain Connections:

Connect the provided inlet pipe to a potable water source and the outlet pipe to a suitable drain. Ensure all connections are secure and leak-free.

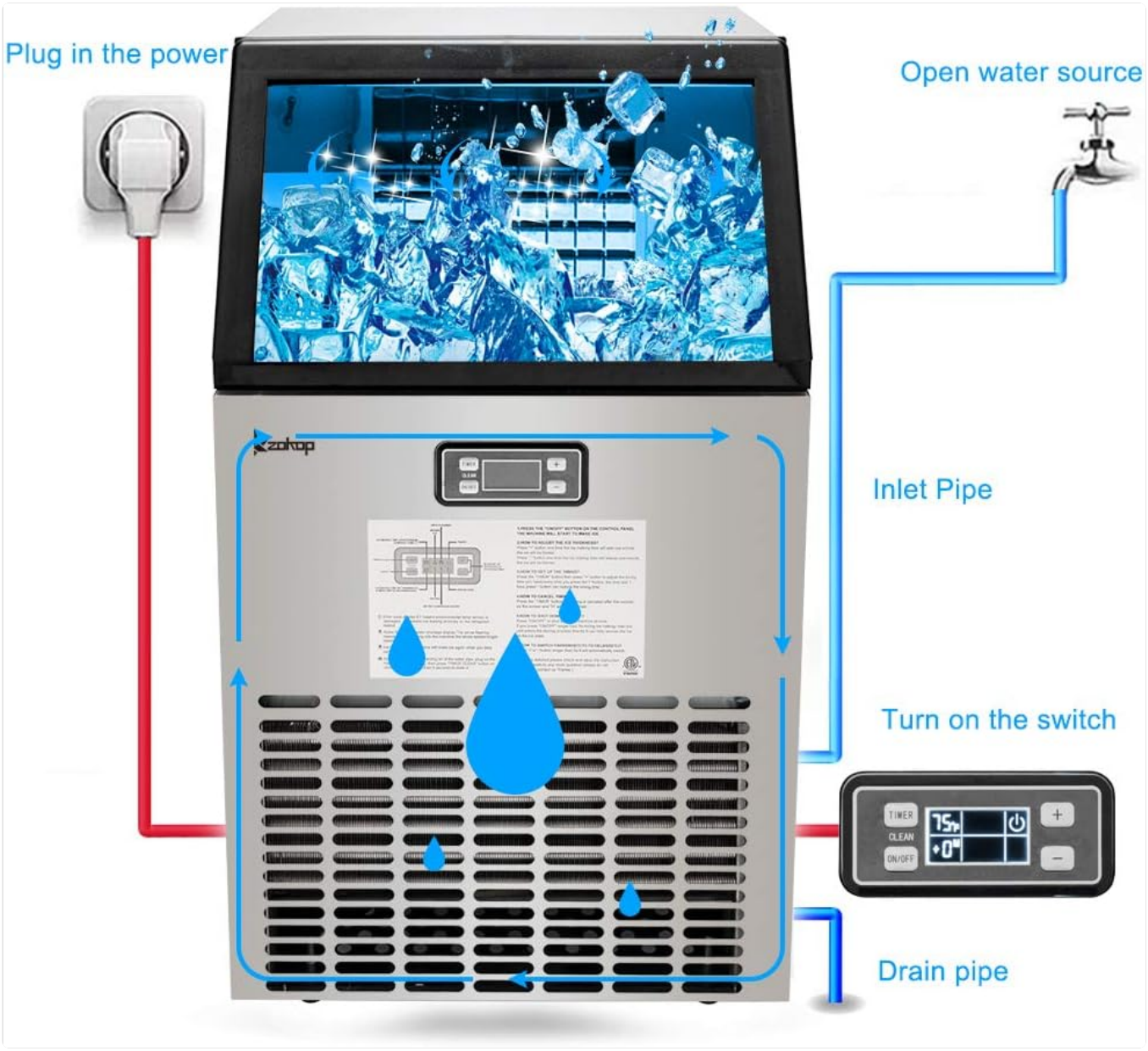


Figure 2.1: Rear view diagram illustrating the connection points for power, water inlet, and drain pipe. Ensure water source is open and power is plugged in before operation.

3. Operating Instructions

Familiarize yourself with the control panel to operate your ice maker effectively.

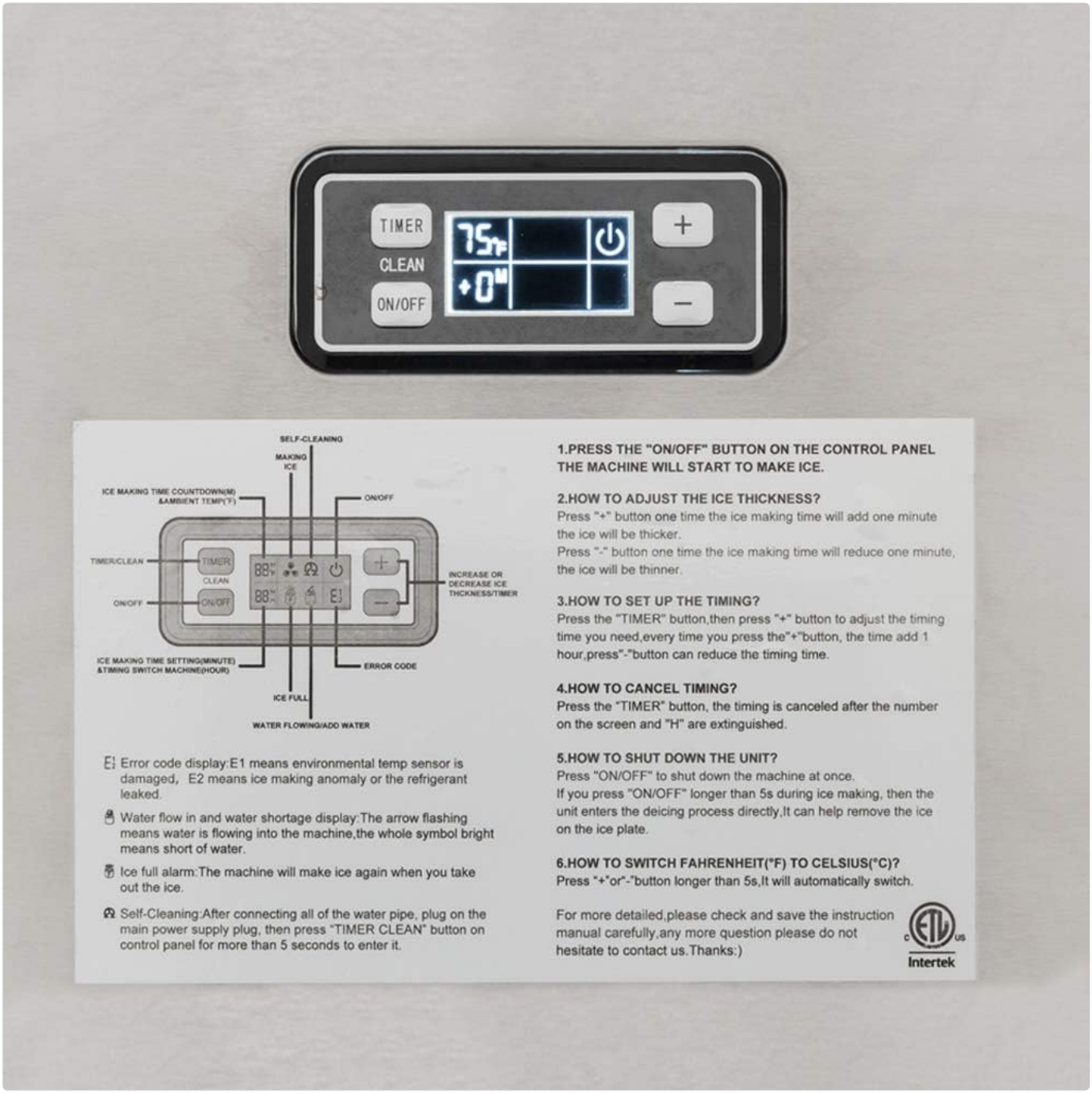


Figure 3.1: Detailed view of the control panel, showing the ON/OFF button, TIMER, CLEAN, and ice thickness adjustment buttons (+/-).

3.1 Control Panel Functions:

1. **Press the "ON/OFF" button:** The machine will start to make ice.
2. **Adjust Ice Thickness:**
    - Press "+" button one time: Ice making time adds one minute, ice will be thicker.
    - Press "-" button one time: Ice making time reduces one minute, ice will be thinner.
3. **Set the Timing:** Press the "TIMER" button, then press "+" or "-" to adjust the timing. Every time you press the "+" button, the time adds 1 hour. Press "-" to reduce the timing.
4. **Cancel Timing:** Press the "TIMER" button. The timing is canceled after the number on the screen and "H" are extinguished.
5. **Shut Down the Unit:** Press "ON/OFF" to shut down the machine at once. If you press "ON/OFF" longer than 5s during ice making, the unit enters the deicing process directly, which can help remove ice on the ice plate.
6. **Switch Fahrenheit (°F) to Celsius (°C):** Press "+" or "-" button longer than 5s, it will automatically switch.

4. Maintenance and Cleaning

Regular maintenance ensures the longevity and hygienic operation of your ice maker.

4.1 Self-Cleaning Function:

After connecting all of the water pipe, plug in the main power supply. Then press "TIMER/CLEAN" button on control panel for more than 5 seconds to enter the self-cleaning mode.

4.2 General Cleaning:

- Regularly clean the exterior with a soft cloth and mild detergent.
- Clean the ice storage bin periodically to prevent mold and mildew growth.
- Ensure the water reservoir and ice-making components are free from mineral buildup. Descaling may be required depending on water hardness.



Figure 4.1: Internal view of the ice maker, showing the ice production grid where ice cubes are formed. Regular cleaning of this area is important.

5. Troubleshooting

This section provides solutions to common issues you might encounter with your ice maker. For problems not listed

here, please contact customer support.

5.1 Error Codes:

- **E1 Error Code:** Displays if the environmental temp sensor is damaged, or if there is an ice making anomaly or refrigerant related issue.
- **Water Flow In and Water Shortage Display:**A flashing arrow indicates water is flowing into the machine. A whole symbol indicates a shortage of water.
- **Ice Full Alarm:** The machine will make ice again when you take out the ice.

5.2 Common Issues:

Problem	Possible Cause	Solution
Unit does not turn on.	No power, faulty power cord, or tripped breaker.	Check power connection, wall outlet, and circuit breaker.
No ice production.	No water supply, clogged water filter, or high ambient temperature.	Ensure water supply is connected and turned on. Check/clean water filter. Ensure unit is in a suitable environment.
Ice cubes are too thin or too thick.	Ice thickness setting is incorrect.	Adjust ice thickness using the '+' or '-' buttons on the control panel.
Water leakage.	Loose water connections or clogged drain pipe.	Check all water inlet and outlet connections for tightness. Clear any obstructions in the drain pipe.

6. Specifications

Detailed technical specifications for the ZOKOP HZB-45 Commercial Ice Maker.

Parameter	Value
Brand	ZOKOP
Model Name	commercial ice maker
Capacity (Ice Storage)	33 Pounds
Capacity (Ice Production)	99 Pounds/24H
Wattage	270-500 Watts
Voltage	115V/60Hz
Refrigerant	R134a
Material	Stainless Steel & Iron Painting

Parameter	Value
Product Dimensions (L x W x H)	17.6 x 15.7 x 31.4 inches (44.7 x 39.9 x 79.8 cm)
Ice Shape	Ice Cube 0.9" x 0.9" x 0.9"
Ice Making Cycle Time	11-20 Minutes
Weight	63.5 lbs (28.8 kg)
Installation Type	Freestanding or Built-in
Certification	ETL Listed

7. Warranty and Support

For detailed warranty information, please refer to the warranty card included with your product or contact ZOKOP customer support directly. Keep your purchase receipt for warranty claims.

Customer Support:

If you have any questions, require technical assistance, or need to report an issue, please contact ZOKOP customer service. Contact details are typically found on the product packaging, the official ZOKOP website, or the included manual.

For more detailed information, please save and check the instruction manual carefully. Any questions please do not hesitate to contact us. Thanks!

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