

ROVSUN ice maker-5

ROVSUN Commercial Ice Maker User Manual

Model: ice maker-5



INTRODUCTION

Thank you for choosing the ROVSUN Commercial Ice Maker. This appliance is designed to produce large quantities of ice efficiently for commercial and home use. Please read this manual thoroughly before operation to ensure proper use, maintenance, and safety.

This ice maker is capable of producing up to 110 pounds of ice per day and features a 24-pound storage bin. It is suitable for various settings including restaurants, bars, coffee shops, and homes.

SAFETY INFORMATION

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

- Ensure the appliance is connected to a potable water supply only.
- Always have a water pipe outlet and a floor drainage outlet (gravity drainage) near the unit. This is requisite for proper operation.
- Before first-time use, clean the ice machine and keep it in an upright position for 24 hours.
- Do not operate the appliance with a damaged cord or plug.
- Do not allow children to operate or play with the ice maker.
- The ice storage bin does not have a freezing function; ice will melt over time. Remove ice promptly to prevent melting and overflow.
- Ensure proper ventilation around the unit.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x ROVSUN Commercial Ice Maker
- 1 x Ice Scoop
- 1 x Drainage Pipe
- 1 x Filter
- 1 x Small Accessory Bag (containing connectors)
- 1 x User Manual (this document)

SETUP AND INSTALLATION

Proper setup is crucial for the optimal performance of your ice maker. Please follow these steps carefully.

1. Unpacking and Placement

Carefully remove the ice maker from its packaging. Place the unit on a flat, stable surface in a location with adequate ventilation. Ensure there is enough space around the unit for air circulation.



Figure 1: Front view of the ROVSUN Commercial Ice Maker.



Figure 2: Dimensions of the ice maker (14"W x 17"D x 30"H) and examples of suitable environments like restaurants, bars, coffee shops, and homes.

Important: After transport, allow the unit to stand upright for at least 24 hours before plugging it in. This allows the refrigerant to settle.

2. Water Connection

The ice maker supports dual inlet modes: direct tap water connection or bottled water. Choose the method that best suits your setup.

Dual Inlet Modes for Convenient Use



Figure 3: Illustration of connecting the ice maker to either a tap water supply with a filter and floor drain, or using bottled water with a drain bucket.

- **Tap Water Connection:** Connect the provided water inlet hose to a potable water supply. The water supply pressure should be between 0.04-0.6 MPa. Use the included filter for cleaner ice. Ensure the drainage pipe is connected to a floor drain.
- **Bottled Water Connection:** If using bottled water, place a suitable water bottle on top of the unit. Connect the drainage pipe to a drain bucket or floor drain.

Note: A floor drain is required for using this machine, especially for continuous operation with tap water. If using bottled water, a drain bucket is necessary for melted ice and drainage.

3. Power Connection

Plug the ice maker into a grounded electrical outlet. Ensure the voltage matches the appliance's requirements (115V/60Hz).

OPERATING INSTRUCTIONS

Your ROVSUN ice maker is designed for user-friendly operation with an intuitive control panel.

1. Control Panel Overview



Figure 4: The control panel features an LCD display, ON/OFF button, (+) and (-) buttons for adjustment, and indicator lights for various functions like ice making, reservation, add water, ice full, melting, stoppage, and clean.

- **ON/OFF Button:** Powers the unit on or off.
- **(+) / (-) Buttons:** Adjust ice making time and ice cube thickness.
- **LCD Display:** Shows current status and settings.
- **Indicator Lights:**
 - *Ice Making:* Illuminates when ice is being produced.
 - *Reservation:* Indicates reservation timer is active.
 - *Add Water:* Lights up when water supply is low or disconnected.
 - *Ice Full:* Indicates the ice bin is full.
 - *Melting:* Shows when ice is melting (e.g., during self-cleaning or defrost cycle).
 - *Stoppage:* Indicates an error or operational pause.

- *Clean*: Illuminates during the automatic cleaning cycle.

- **Reservation/Clean Button**: Initiates the automatic cleaning cycle or sets a reservation timer.

2. Starting Ice Production

1. Ensure the unit is properly connected to water and power.
2. Press the **ON/OFF** button to start the ice maker.
3. The unit will automatically begin the ice making cycle. The "Ice Making" indicator light will illuminate.
4. Ice production typically takes 11-18 minutes per cycle.



Figure 5: The ice maker's bin filled with ice, demonstrating its capacity and the included ice scoop. The unit can produce 40 pieces of ice per cycle and up to 110 lbs in 24 hours.

3. Adjusting Ice Cube Thickness

The thickness of the ice cubes can be adjusted using the (+) and (-) buttons on the control panel. Pressing (+) will increase the ice making time, resulting in thicker ice cubes. Pressing (-) will decrease the ice making time, resulting in thinner ice cubes. The ice cube size is approximately 0.9" x 0.9" x 0.9".

4. Ice Full and Add Water Indicators

- When the "Ice Full" indicator lights up, the ice bin is full, and the machine will pause ice production. Remove ice to resume operation.
- If the "Add Water" indicator lights up, the water supply is low. Refill the water bottle or check the tap water connection.

MAINTENANCE AND CLEANING

Regular cleaning and maintenance will extend the life of your ice maker and ensure hygienic ice production.

1. Automatic Cleaning Function

The ice maker is equipped with an automatic cleaning function:

1. Ensure the unit is connected to a water supply and drainage.
2. Press and hold the "Reservation/Clean" button for a few seconds to activate the cleaning cycle.
3. The "Clean" indicator light will illuminate, and the machine will perform an internal cleaning process.
4. Once the cycle is complete, the unit will return to standby mode.

2. Manual Cleaning

For thorough cleaning, especially of the ice bin and water reservoir:

- Unplug the ice maker from the power outlet.
- Drain any remaining water from the reservoir and ice bin.
- Clean the interior surfaces with a soft cloth and a mild, food-grade cleaning solution. Do not use abrasive cleaners or solvents.
- Rinse thoroughly with clean water.
- Clean the exterior with a damp cloth.
- Ensure all parts are dry before reconnecting power.

3. Condenser Cleaning

Periodically clean the condenser coils to maintain efficiency. Dust and debris can accumulate, reducing cooling performance.

- Unplug the unit.
- Use a soft brush or vacuum cleaner with a brush attachment to gently remove dust from the condenser coils located at the back or bottom of the unit.

TROUBLESHOOTING

Refer to this section for common issues and their solutions. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
Ice maker does not turn on.	No power, power cord loose.	Check power outlet and ensure cord is securely plugged in.

Problem	Possible Cause	Solution
"Add Water" indicator is on.	Water supply low or disconnected.	Refill water bottle or check tap water connection and pressure.
"Ice Full" indicator is on, but bin is not full.	Ice sensor blocked or dirty.	Clean the ice sensor. Ensure no ice is blocking the sensor.
No ice production or very slow.	Water supply issue, high room temperature, dirty condenser.	Check water supply. Ensure room temperature is within 50-100°F. Clean condenser coils.
Ice cubes are too thin or too thick.	Ice making time setting.	Adjust ice making time using the (+) or (-) buttons.
Unit is noisy.	Normal operation sounds, or unit not level.	Ensure the unit is on a level surface. Noise level is typically below 40db.
E2 code displayed (from customer reviews).	Indicates a specific internal error, often related to water flow or sensor.	Turn off the unit, unplug, wait 5 minutes, then plug back in and restart. If error persists, contact customer support.

SPECIFICATIONS

Feature	Detail
Model	ice maker-5
Voltage	115V/60Hz
Ice Making Power	495W
Material	Stainless Steel & Iron Painting
Ice Making Capacity	110 lbs / 24H
Ice Making Time	11-18 minutes per cycle
Ice Bin Storage Capacity	24 lbs
Ice Shape	Ice Cube (0.9" x 0.9" x 0.9")
Product Dimensions (L x W x H)	14" x 17" x 30" (36 x 43 x 76 cm)
Net Weight	63.5 lbs
Refrigerant	R134a
Number of Each Ice Tray	40 Pcs
Climate Class	SN/N/ST/T
Room Temperature Range	50-100°F
Water Supply Temperature Range	41-95°F
Water Supply Pressure	0.04-0.6 MPa

WARRANTY AND SUPPORT

ROVSUN products are manufactured with high-quality materials and craftsmanship. For warranty information and customer support, please refer to the contact details provided on the ROVSUN official website or your purchase documentation.

For assistance, you may also visit the [ROVSUN Store on Amazon](#).

