

Coolski IM180

Coolski Commercial Ice Maker Machine User Manual

Model: IM180

Brand: Coolski

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Coolski Commercial Ice Maker Machine. Please read this manual thoroughly before operating the appliance to ensure proper usage and to prevent injury or damage.

1.1 Safety Precautions

- Ensure proper grounding of the electrical connection.
- Do not block ventilation openings on the appliance.
- Use only potable water for ice production.
- Keep hands and objects clear of moving parts during operation.
- Always disconnect power before performing any maintenance or servicing.

1.2 Product Overview

The Coolski Commercial Ice Maker Machine is engineered for high-volume ice production, making it suitable for various commercial settings such as restaurants, bars, and cafes, as well as for demanding home use. It features a robust stainless steel construction, an intuitive LCD controller for easy management, and efficient ice-making capabilities to ensure a consistent supply of clear ice cubes.



Image: Front view of the Coolski Commercial Ice Maker Machine, showcasing its stainless steel exterior and digital display.

2. KEY FEATURES

- **High Production Rate:** Capable of producing up to 200 pounds of clear ice cubes per day, with an integrated ice bin offering an 80-pound storage capacity.
- **Space-saving Design:** Compact dimensions of 26 inches (width) x 27.4 inches (depth) x 37 inches (height) allow for convenient under-counter installation in tight spaces.
- **Durable Construction:** Built with a high-quality, rust-free, and corrosion-resistant stainless steel exterior, complemented by a polyethylene interior and thickened cyclopentane insulation foam for excellent durability and insulation.
- **Easy-to-use LCD Controller:** Features a digital LCD panel for real-time monitoring of the ice-making process, adjustment of ice cube thickness, temperature control, and a reservation function. Includes a built-in diagnostic system for identifying operational issues.
- **Comprehensive Accessories:** Comes with a removable air filter for easy cleaning, a water filter, ice scoops, 100 ice bags, a water hose, and a drain hose for immediate setup and convenience.

High Production Rate



200LBS
per Day



Ice Bin with
80LBS Capacity



Image: Diagram illustrating the high production rate of 200 lbs per day and 80 lbs ice bin capacity.



Image: Dimensions of the ice maker (26" x 27.4" x 37") highlighting its compact, under-counter design.

Durable Construction

Stand up to heavy daily use

Outer Layer

Heavy-duty durable stainless steel

Middle Layer

Thickened cyclopentane insulation foam layer

Inner Layer

Food-grade PP interior liner



Image: Cross-section view showing the durable stainless steel outer layer, thickened cyclopentane insulation foam, and food-grade PP interior liner.



Image: Close-up of the simplified LCD control panel, showing various indicators and functions.

3. SETUP

3.1 Unpacking

Carefully remove the ice maker from its packaging. Inspect the unit for any signs of shipping damage. It is recommended to retain the original packaging for future transport or storage if needed.

3.2 Placement

- Place the unit on a flat, stable, and level surface capable of supporting its weight when full of ice.
- Ensure adequate ventilation around the unit. Maintain at least 6 inches (15 cm) of clearance from walls and other appliances to allow for proper airflow.
- Avoid placing the ice maker in direct sunlight or near heat-emitting appliances, as this can affect its performance and energy efficiency.

3.3 Water Connection

Connect the provided water hose to a potable water supply. Ensure all connections are secure and free of leaks.

The included water filter is recommended for optimal ice quality and to prolong the lifespan of your machine by reducing mineral buildup.

3.4 Drain Connection

Connect the drain hose to a suitable drain. It is crucial to ensure the drain hose has a continuous downward slope to allow for proper gravity drainage of melted ice water. If a gravity drain is not feasible, a drain pump (not included with all models) may be necessary to remove water effectively.



Image: Diagram showing the connections for water inlet, drain hose, and power cord, including an optional drain pump.

3.5 Electrical Connection

Plug the ice maker into a grounded electrical outlet that matches the voltage and amperage specifications indicated on the product label. Do not use extension cords or adapter plugs, as this can pose a safety risk and affect performance.

4. OPERATING INSTRUCTIONS

4.1 Initial Startup

1. After ensuring all water and electrical connections are secure, turn on the ice maker using the power button located on the LCD control panel.
2. The machine will typically initiate a self-check sequence and then automatically begin the ice-making cycle.

4.2 LCD Control Panel Functions

The intuitive LCD panel provides real-time operational status and allows for various adjustments to customize your ice production:

- **Ice Full Indicator:** An alert will display when the ice bin reaches its full capacity.
- **Thickness Adjustment:** Easily adjust the thickness of the ice cubes to suit your specific needs.
- **Intelligent Temperature Control:** The system monitors and maintains the optimal temperature for efficient ice production.
- **Reservation Function:** Program the machine to start or stop ice production at specific times, enhancing convenience and energy management.
- **Diagnostic System:** Built-in diagnostics will identify and display error codes on the panel, assisting in troubleshooting.

Your browser does not support the video tag.

Video: Official product video from Coolski demonstrating the features and operation of the Commercial Ice Maker Machine, including its compact size, LCD digital controller, space-saving sliding door, ice bin capacity, bright LED lighting, efficient ice making, durable construction, and efficient drainage.

4.3 Ice Production

The machine will automatically produce ice until the storage bin is full or the unit is manually turned off. The ice cubes produced are typically clear and uniform, ideal for various applications.



Image: Interior view of the ice maker showing bright blue LED lighting illuminating the ice bin, with an ice full sensor switch.

5. MAINTENANCE

5.1 Regular Cleaning

To ensure optimal performance, hygiene, and longevity of your ice maker, regular cleaning is essential:

- **Exterior:** Wipe down the stainless steel exterior with a soft cloth and a mild, non-abrasive detergent. Avoid harsh chemicals that could damage the finish.
- **Interior:** Periodically clean the ice bin and water reservoir. A diluted solution of water and white vinegar (1 part vinegar to 10 parts water) or a specialized ice maker cleaner can be used. Rinse thoroughly with clean water after cleaning.
- **Air Filter:** The removable air filter should be cleaned regularly (e.g., monthly) to maintain efficient heat dissipation and prevent dust buildup. Simply remove, wash with water, and dry before reinserting.

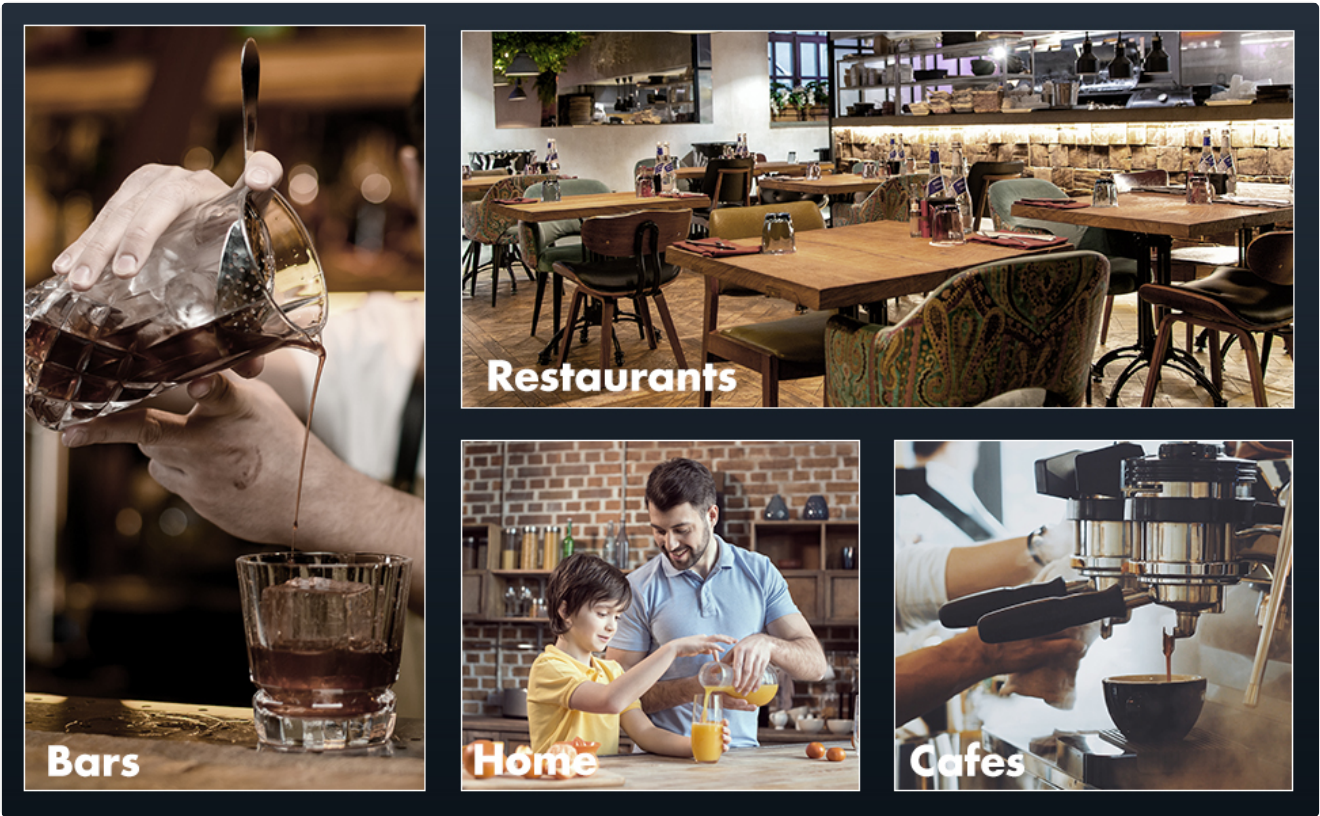


Image: Diagram showing the side and rear breathing exhaust system and highlighting the removable air filter for easy cleaning.

5.2 Descaling

Depending on the hardness of your water supply, descaling may be required periodically to remove mineral buildup from the ice-making components. Refer to the LCD panel for any descaling indicators, or perform a descaling cycle every 3-6 months as a preventative measure. Use a descaling solution specifically designed for ice makers.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No Ice Production	No water supply, clogged water filter, power issue, or machine is in standby mode.	Check water connection and supply, replace or clean water filter, ensure power supply is stable, and verify machine is turned on.
Ice is Thin or Cloudy	Poor water quality, low water pressure, or incorrect ice thickness settings.	Install or replace water filter, check water supply pressure, adjust ice thickness setting on the LCD panel.

Problem	Possible Cause	Solution
Machine Leaking Water	Loose water connections, clogged drain hose, or improper leveling.	Tighten all water inlet and drain hose connections, clear any obstructions in the drain, and ensure the unit is level.
Unusual Noise During Operation	Fan obstruction, loose components, or compressor issue.	Check for any obstructions around the fan, ensure all panels are secure. If persistent, contact customer support.

For issues not listed in this table, or if the suggested troubleshooting steps do not resolve the problem, please contact Coolski customer support for further assistance.

7. SPECIFICATIONS

Feature	Detail
Model Name	IM180
Brand	Coolski
Product Dimensions (D x W x H)	27.4" x 26" x 37"
Ice Production Capacity	200 Pounds per Day
Ice Storage Capacity	80 Pounds
Wattage	575 watts
Item Weight	187 Pounds
Country of Origin	China

8. WARRANTY AND SUPPORT

Coolski is committed to providing reliable products and excellent customer service. We offer free replacement parts for issues caused by manufacturing defects or quality concerns. Additionally, lifetime technical service is available for any questions or support you may need regarding your ice maker.

For further assistance, product registration, or to explore other Coolski products, please visit the official Coolski Store: [Coolski Store](#)