

Coolski IM55BS

Coolski IM55BS Commercial Under Counter Ice Maker User Manual

Model: IM55BS

1. INTRODUCTION

Thank you for choosing the Coolski IM55BS Commercial Under Counter Ice Maker. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your ice maker. Please read all instructions carefully before use and retain this manual for future reference.

2. SAFETY INFORMATION

- Ensure the unit is placed upright for at least 24 hours before connecting to power for the first time.
- Always connect the unit to a grounded power outlet.
- Do not operate the unit 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.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.

3. PRODUCT OVERVIEW

The Coolski IM55BS is a versatile ice maker designed for both home and commercial use, offering efficient ice production and storage in a compact, stainless steel design.

Key Features:

- **High Capacity:** Produces up to 100 pounds of ice per day and stores up to 30 pounds.
- **Customizable Ice Thickness:** Three cube sizes (Thin, Medium, Large) with varying production times.
- **Dual Drainage Options:** Supports both gravity drain and condensate removal pump for flexible installation.
- **Integrated Water Filter:** Improves ice quality by removing sediment.
- **Self-Cleaning Function:** Simplifies maintenance and ensures hygiene.

- **Efficient Cooling:** Features a quality compressor and rapid heat dissipation.
- **8-Hour Insulation:** Helps prevent ice from melting quickly.
- **Durable Construction:** Stainless steel exterior with food-grade, BPA-free interior materials.

Product Dimensions and Components:



Figure 1: Coolski ice maker with dimensions: 21 inches deep, 15 inches wide, 33 inches high. The image also shows included accessories such as the drain pump, water outlet hoses, water inlet hose, and ice scoop.

The ice maker measures approximately 21 inches deep, 15 inches wide, and 33 inches high. It is designed to fit under most standard counters or can be used freestanding.

4. SETUP

4.1 Unpacking and Initial Placement

- Carefully remove the ice maker from its packaging.
- Place the unit upright in its desired location. It is crucial to allow the unit to stand upright for at least 24 hours before plugging it in to allow the refrigerant to settle.

- Ensure adequate ventilation around the unit, especially for the front vent.

4.2 Water Connection and Filter Installation

The ice maker requires a continuous water supply. An inline water filter is included to improve ice quality.

Video 1: This video provides detailed instructions on how to install the Coolski Under Counter Ice Maker, covering the water supply connection and initial setup steps.

Video 2: This video demonstrates the installation of the water filter and connecting the water inlet hose to the ice maker and water supply.

4.3 Drainage Options

Your ice maker offers two drainage methods: gravity drain or a condensate removal pump. Choose the option that best suits your installation location.



Figure 2: Illustration of the direct drainage setup (gravity drain) and the pump drainage setup, highlighting the water filter and drain pump connections.

- **Gravity Drain:** If using gravity drain, ensure the entire drain pipe is positioned lower than the ice maker's drain outlet

to allow water to flow smoothly. The drain hose should lead to a floor drain.

- **Condensate Removal Pump:** The included drain pump allows for effective water draining without relying on gravity, capable of pumping water to a maximum height of 6.6 ft (2 meters). Connect the drain hose from the ice maker to the pump, and then from the pump to a suitable drain.

Video 3: This video demonstrates the installation process for the undercounter ice maker's drain hose when using a gravity drain system.

Video 4: This video illustrates how to install the drain hose when utilizing the included drain pump for water removal.

5. OPERATING INSTRUCTIONS

5.1 Control Panel

The ice maker features an intuitive LCD digital control panel with bright LED lights for easy operation and monitoring.



Figure 3: The LCD Digital Control Panel, displaying options for mode selection, cleaning, and ice thickness adjustment.

5.2 Ice Production

The unit can produce up to 100 pounds of ice per day, with each cycle taking approximately 11-20 minutes depending on the selected ice thickness.

**SUITABLE FOR HOME
AND BUSINESS**
Up to 30 lbs Ice Storage Capacity

100
LBS/Day

11-20
MINS/CYCLE

30LBS

10:30

Figure 4: The ice maker's daily production capacity of 100 lbs and storage capacity of 30 lbs, with cycle times ranging from 11-20 minutes.

5.3 Customizable Ice Thickness

You can adjust the ice cube thickness to suit your needs using the 'Up' and 'Down' buttons on the control panel.

- **Thin Ice:** Approximately 8 minutes per cycle, ideal for smoothies.
- **Medium Ice:** Approximately 12 minutes per cycle, suitable for drinks.
- **Large Ice:** Approximately 16 minutes per cycle, best for keeping items cool in a cooler, such as seafood.

CUSTOMIZED YOUR ICE CUBES

Adjusted by pressing the up or down buttons



Figure 5: Visual guide to the three customizable ice cube sizes and their typical production times.

5.4 Ice Storage

The ice maker has a 30-pound storage capacity. Its 3-layer housing material and 8-hour insulation design help to effectively prevent ice from melting quickly.

8-HOURS INSULATION DESIGN

Effectively prevent ice from melting for up to 8 hours



Figure 6: Cross-section diagram illustrating the 8-hour insulation design, highlighting the food-grade inner layer, advanced foaming middle layer, and zinc-plate outer sheet.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your ice maker.

6.1 Self-Cleaning Function

The ice maker is equipped with a self-cleaning function. To activate, press the 'Clean' button on the control panel for 3 seconds.

ULTRA CLEAN MODE

Press "Clean" button for 3s



Figure 7: The ice maker's internal components during the self-cleaning cycle, showing water flow.

6.2 Water Filter

The inline water filter helps remove sediment from the water, improving the taste and clarity of your ice. Regularly check and replace the filter as needed to maintain ice quality and prevent scaling.

6.3 Descaling and Regular Cleaning

- To maintain your ice maker, it is recommended to clean it at least once every six months.
- Use the provided special cleaners or a suitable descaling agent to prevent mineral buildup. Follow the instructions on the descaling agent packaging.
- The ice bin can be easily removed for manual cleaning.

7. TROUBLESHOOTING

If you encounter issues with your ice maker, refer to the following common troubleshooting steps:

- **No Ice Production:** Check if the unit is plugged in, water supply is connected and turned on, and the water filter is not

clogged. Ensure the ambient temperature is within the operating range.

- **Ice is Too Thin/Thick:** Adjust the ice thickness setting on the control panel.
- **Water Leakage:** Verify all water inlet and drain hose connections are secure. For gravity drain, ensure the drain pipe is lower than the unit's drain outlet.
- **Unusual Noise:** Check for any obstructions in the ice bin or around the fan. Ensure the unit is level.
- **Poor Ice Quality:** Replace the water filter if it's old or clogged. Run the self-cleaning cycle.

For persistent issues, please contact Coolski customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	Coolski
Model Name	IM55BS
Product Dimensions (D x W x H)	20.7" x 14.9" x 33"
Ice Production per Day	100 Pounds
Ice Storage Capacity	30 Pounds
Wattage	255 watts
Voltage	115 Volts
Refrigerant	R290a
Material	Stainless Steel
Item Weight	65 pounds

9. WHAT'S IN THE BOX

- Ice Maker Machine
- Water Filter
- Water Hose
- Drain Hose
- Ice Scoop
- Condensate Removal Pump (for models with pump)
- Special Cleaners (Descaling Agent)

10. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or contact Coolski customer service directly. Keep your purchase receipt as proof of purchase.