

Coolake IM55BS-80LBS

Coolake 15-inch Under Counter Ice Maker (Model IM55BS-80LBS) User Manual

Important safety information and operating instructions for your Coolake Ice Maker.

IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before operating the appliance. Retain this manual for future reference.

- Ensure the ice maker is properly grounded to prevent electrical shock.
- Do not operate the appliance with a damaged power cord or plug.
- Maintain adequate ventilation around the unit. Do not block air vents.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- This appliance is designed for producing ice cubes. Do not use it for other purposes.
- Keep children away from the appliance during operation and cleaning.
- Allow the unit to stand upright for 24 hours before initial use to allow refrigerants to settle.

PRODUCT OVERVIEW

The Coolake 15-inch Under Counter Ice Maker is designed for efficient and convenient ice production, suitable for various settings including home bars, kitchens, and commercial spaces.

Efficient cube ice maker

80

Lbs/day

40

Lbs Bin
Storage

32

Cubes Per
Batch

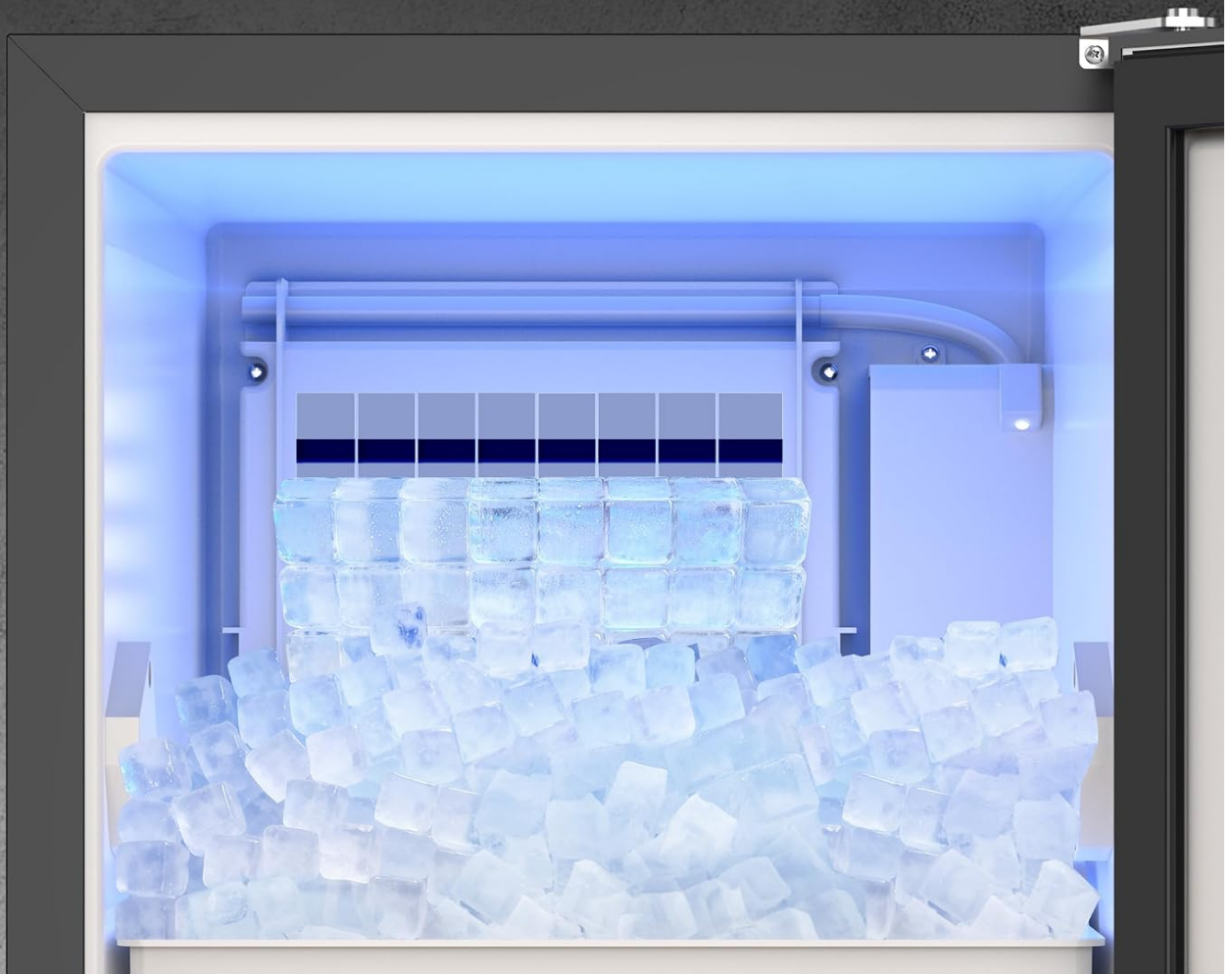


Image: Interior view of the Coolake Ice Maker, highlighting its capacity to produce 80 lbs of ice per day with a 40 lbs storage bin, and 32 cubes per batch.

- **High Capacity:** Produces up to 80 pounds of clear ice cubes daily with a 40-pound storage bin.
- **Quick Ice Production:** Each cycle takes approximately 10 to 20 minutes.
- **Self-Cleaning Function:** Features a one-touch self-cleaning cycle for easy maintenance.
- **Smart LCD Control Panel:** Allows adjustment of ice cube thickness and displays operational status.
- **Flexible Installation:** Designed for both built-in and freestanding applications with front-venting cooling.
- **Durable Construction:** Stainless steel exterior for longevity and easy cleaning.
- **Water Filter Included:** Helps safeguard internal mechanisms against hard water and impurities.



Image: The Coolake Ice Maker seamlessly integrated into a cafe environment, demonstrating its suitability for commercial and home use.

SETUP AND INSTALLATION

Unboxing

Carefully remove all packaging materials, including any tape or protective film. Inspect the unit for any shipping damage. It is recommended to let the ice maker stand upright for at least 24 hours before connecting it to power or water. This allows the refrigerant to settle, ensuring optimal performance.

Video: An unboxing demonstration of the Coolake Ice Maker, showing how to safely remove the unit from its packaging.

Placement

The Coolake Ice Maker can be installed as a built-in unit under a counter or as a freestanding appliance. Ensure the chosen location has a stable, level surface and is away from direct sunlight or heat sources. Adequate ventilation is crucial; the front-venting design allows for tight integration, but ensure the front grille is not obstructed. While designed for

outdoor use, it is recommended to protect the unit from direct exposure to rain and harsh weather conditions.



Image: The Coolake Ice Maker with its dimensions (15 inches wide, 21 inches deep, 33 inches high) and adjustable leveling feet highlighted for proper installation.

Water Connection

Connect the ice maker to a potable water supply using the provided water inlet hose. Install the included water filter to reduce impurities and prevent scale buildup, which can affect ice quality and the unit's lifespan. Ensure all connections are secure to prevent leaks. A drain hose must also be connected to a suitable drain point, as the unit requires continuous water drainage during operation.

User-Friendly Installation



Image: Diagram illustrating the connections for the power cable, water inlet hose with filter, and drain hose for the Coolake Ice Maker.

Electrical Connection

Connect the ice maker to a dedicated 115 Volts (AC) electrical outlet. Ensure the outlet is properly grounded and meets local electrical codes. Do not use extension cords or adapter plugs.

OPERATING INSTRUCTIONS

Control Panel Overview

The ice maker features an intuitive LCD control panel for easy operation and monitoring.

LCD Control Panel



Image: Close-up of the Coolake Ice Maker's LCD control panel, showing buttons for Mode, Clean, Set, and Power, along with indicators for Ice Making, Deicing, Ice Full, Cleaning, Over Temp, and Water Short.

- **MODE:** Selects different operating modes.
- **CLEAN:** Initiates the self-cleaning cycle. Press and hold for 3 seconds.
- **SET (+/-):** Adjusts ice making time to control ice thickness.
- **POWER:** Turns the unit on or off.
- **Indicators:** Lights illuminate to show current status (e.g., Ice Making, Ice Full, Water Shortage, Cleaning).

Making Ice

1. Ensure the water supply is connected and the unit is plugged in.
2. Press the **POWER** button to turn on the ice maker.
3. The unit will automatically begin the ice-making process. The 'Ice Making' indicator will light up.
4. Ice will be produced and stored in the ice bin. The 'Ice Full' indicator will light up when the bin is full, and the unit will pause production until ice is removed.

Adjusting Ice Thickness

You can customize the thickness of the ice cubes by adjusting the ice-making time:

- While in ice-making mode, use the **SET (+)** or **SET (-)** buttons to increase or decrease the ice-making duration.
- A shorter duration results in thinner ice cubes (e.g., 10 minutes).
- A longer duration results in thicker ice cubes (e.g., 20 minutes).



Image: Visual representation of different ice cube thicknesses achievable by adjusting the ice-making time: Thin (10 mins), Medium (15 mins), and Large (20 mins).

MAINTENANCE

Self-Cleaning Function

The ice maker is equipped with an automatic self-cleaning function to simplify maintenance and ensure hygienic ice production.

1. Ensure the unit is connected to the water supply and drain.
2. Press and hold the **CLEAN** button for 3 seconds to activate the self-cleaning cycle.
3. The unit will automatically clean the water lines and ice storage area. The 'Cleaning' indicator will light up.
4. Once the cycle is complete, the unit will return to standby mode.



Image: Diagram showing the internal self-cleaning process of the ice maker, with water circulating to clean components.

Water Filter Replacement

The included water filter helps maintain ice quality and protects the internal components. Replace the filter regularly, typically every 3-6 months, depending on water quality and usage. Refer to the filter's specific instructions for replacement.



Image: The Coollake Ice Maker connected to an external water filter, illustrating its role in blocking impurities from the water supply.

Exterior Cleaning

The stainless steel exterior can be cleaned with a soft cloth and mild detergent. Avoid abrasive cleaners or scouring pads that could scratch the surface. For stubborn spots, use a stainless steel cleaner according to its instructions.

Low-Maintenance Stainless Steel



Image: A comparison showing the clean, commercial-grade stainless steel of the Coolake Ice Maker versus a basic stainless steel surface with visible smudges, emphasizing ease of maintenance.

Thermal Insulation

The ice maker features enhanced thermal insulation to keep ice cubes solid for extended periods, reducing melting and ensuring a consistent supply.

Enhanced Thermal Insulation

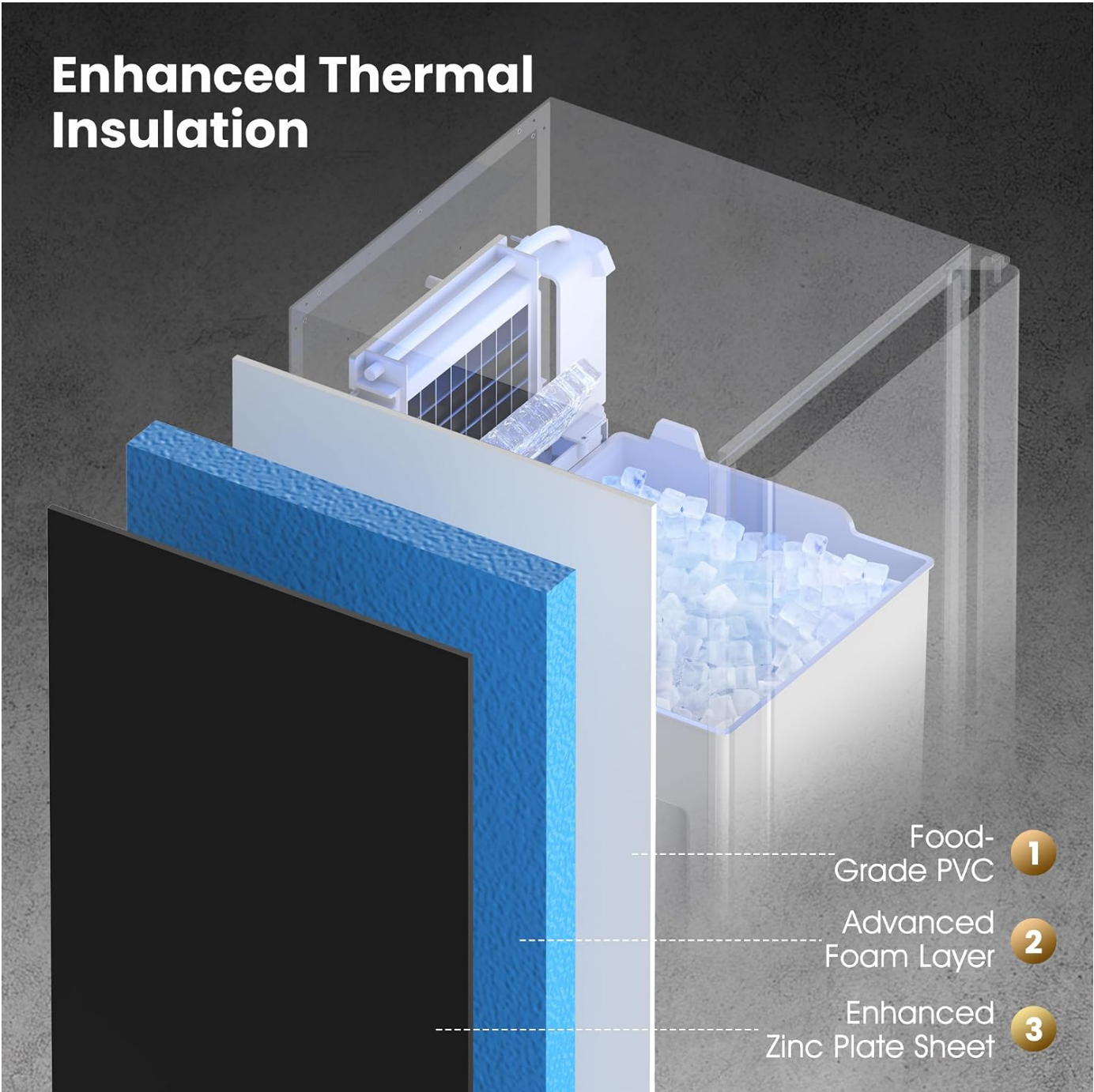


Image: Cross-section diagram illustrating the multi-layer thermal insulation of the Coolake Ice Maker, including food-grade PVC, an advanced foam layer, and an enhanced zinc plate sheet.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No ice production	No power; Water supply off; 'Water Short' indicator on; Ambient temperature too high.	Check power connection; Ensure water supply is open; Check water inlet hose for kinks; Move unit to a cooler location.
Ice production is slow	Water filter clogged; Ambient temperature too high; Ice making time set too short.	Replace water filter; Ensure proper ventilation; Adjust ice making time to a longer duration using the SET buttons.

Problem	Possible Cause	Solution
Water leak	Loose water connections; Clogged drain hose.	Tighten all water inlet and drain hose connections; Clear any obstructions in the drain hose.
'Over Temp' indicator on	Poor ventilation; High ambient temperature.	Ensure adequate clearance around the unit; Improve room ventilation; Reduce ambient temperature.
Unit is noisy	Unit not level; Fan obstruction.	Adjust leveling feet to ensure the unit is stable; Check for any obstructions around the fan.

SPECIFICATIONS

Feature	Detail
Brand	Coolake
Model Name	IM55BS-80LBS
Product Dimensions (D x W x H)	20.7" x 14.96" x 33.07"
Ice Storage Capacity	40 Pounds
Ice Production per Day	80 Pounds
Wattage	3.43 kWh
Voltage	115 Volts (AC)
Item Weight	65 Pounds
Refrigerant	R290a
Included Components	Ice maker

WARRANTY AND SUPPORT

The Coolake Ice Maker (Model IM55BS-80LBS) comes with a comprehensive warranty:

- **Parts:** 3-Year Warranty
- **Compressor:** 5-Year Warranty

For technical assistance, warranty claims, or any questions regarding your product, please contact Coolake customer support. Refer to your purchase documentation for specific contact details.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question