

Coollake IM90

Coollake Commercial Ice Maker Machine

MODEL: IM90

Instruction Manual

1. Introduction

This manual provides essential information for the safe and efficient operation of your Coollake Commercial Ice Maker Machine, Model IM90. Please read these instructions thoroughly before installation, operation, or maintenance. Keep this manual for future reference.

The Coollake IM90 is a high-capacity commercial ice maker designed for various settings, including home bars, garages, outdoor kitchens, restaurants, and hotels. It produces up to 200 pounds of clear ice cubes daily and features a 50-pound storage bin. Key features include a user-friendly control panel, self-cleaning function, and durable stainless steel construction.

2. Safety Information

General Safety Precautions:

- Always ensure the unit is properly grounded.
- Do not operate the appliance 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.
- Disconnect the power supply before performing any cleaning or maintenance.
- Use only potable water for ice production.

3. Package Contents

Verify that all items are present upon unpacking:

- Coolake Commercial Ice Maker Machine
- Built-in Ice Storage Bin
- Ice Scoop
- Water Inlet Hose
- Drain Hose
- Water Filter and Housing
- Leg Set (adjustable feet)
- Instruction Manual

4. Setup and Installation

Proper installation is crucial for optimal performance and longevity of your ice maker.

4.1 Placement

The unit measures 19.7 inches wide, 14.6 inches deep, and 32.9 inches high. It can be used freestanding or built-in under counters. Ensure adequate clearance for air circulation, especially around the front-breathing air-cooled system to prevent overheating. Avoid direct sunlight or heat sources.



Image: Coolake Commercial Ice Maker Machine placed freestanding next to a kitchen cabinet.



Image: Coolake Commercial Ice Maker Machine installed under a kitchen counter.



Image: Diagram illustrating the dimensions of the ice maker for proper placement.

4.2 Water Connection

Connect the ice maker to a potable water source using the provided water inlet hose. It is recommended to install the included water filter to ensure clean ice production and protect the machine from mineral buildup.

4.3 Drainage

Ensure proper drainage for melted ice and wastewater. Connect the drain hose to an appropriate drain. The unit requires a gravity drain, so it may need to be elevated if the drain point is not lower than the machine's drain outlet.

4.4 Power Connection

Plug the ice maker into a dedicated 115 Volt, properly grounded electrical outlet. Do not use extension cords.

4.5 Initial Cleaning

Before first use, perform a thorough cleaning cycle. Refer to the "Maintenance" section for detailed cleaning instructions.

5. Operating Instructions

The Coolake IM90 features an intuitive control panel for easy operation.



Image: The ice maker's control panel, showing various functions and indicators.

5.1 Power On/Off

Press the **Power** button to turn the machine on or off.

5.2 Ice Production

Once powered on and connected to water, the machine will automatically begin the ice-making cycle. The digital display will show the current status or time remaining for the next ice drop.

Speedy Ice Production



200
Lbs / Per Day

8000+
Ice Cubes

1000+
Drinks

Image: The ice maker's interior with a full bin of clear ice cubes.

5.3 Ice Thickness Adjustment

Use the **Set** button to adjust the thickness of the ice cubes. Refer to the display for current settings and cycle through options to find your preference. Thicker ice takes longer to produce.

5.4 Self-Cleaning Function

To activate the self-cleaning cycle, press the **Clean** button. The machine will automatically run through a cleaning process. It is recommended to perform this regularly to maintain hygiene and efficiency.

Simple Cleaning Maintenance 15min



Image: The ice maker during its self-cleaning cycle.

5.5 24-Hour Timing Function

The ice maker includes a 24-hour timing function. This allows you to program the machine to shut down at night and start up in the morning, ensuring a fresh supply of ice when needed. Consult the full manual for detailed programming steps.

5.6 Notifications

The control panel provides easy-to-read notifications for various statuses:

- **Ice Full:** Indicates the storage bin is full.
- **Water Shortage:** Alerts when the water supply is low or interrupted.
- **High Temp:** Warns of elevated internal temperatures.
- **Overtime:** Indicates an extended ice-making cycle, potentially due to an issue.

6. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your ice maker.

6.1 Regular Cleaning

Perform the automatic self-cleaning function regularly. Additionally, periodically clean the interior of the ice bin and the ice-making components with a mild, food-safe cleaner and warm water. Rinse thoroughly.

6.2 Condenser Filter Cleaning

The ice maker is equipped with a removable mesh filter for the condenser. Clean this filter regularly to prevent dust and debris buildup, which can hinder cooling efficiency. Remove the filter, wash it with water, and ensure it is dry before reinserting.

6.3 Water Filter Replacement

The external water filter should be replaced periodically according to the manufacturer's recommendations or if you notice a decrease in water flow or ice quality.

7. Troubleshooting

If you encounter issues with your ice maker, refer to the following common problems and solutions:

- **No Ice Production:** Check water supply, power connection, and ensure the unit is not in a cleaning cycle. Verify water pressure.
- **Small or Soft Ice Cubes:** Adjust ice thickness settings. Ensure ambient temperature is not too high and ventilation is adequate.
- **Machine Not Turning On:** Check power cord, circuit breaker, and wall outlet.
- **Error Codes on Display:** Refer to the specific error code in the full manual for detailed diagnostic steps. Common issues include water shortage or high temperature.
- **Unusual Noise:** Ensure the unit is level and stable. Check for any obstructions in the fan or ice bin.

For persistent issues, contact customer support.

8. Specifications

Feature	Specification
Brand	Coolake
Model Name	IM90
Product Dimensions (D x W x H)	14.6" x 19.7" x 32.9"
Ice Production Capacity	200 Pounds per 24 Hours
Ice Storage Capacity	50 Pounds
Wattage	5.52 kWh
Voltage	115 Volts
Item Weight	61 Pounds
Refrigerant	R290a
Material Type	Stainless Steel

9. Warranty and Support

The Coolake Commercial Ice Maker Machine, Model IM90, typically comes with a warranty that includes:

- **Compressor:** 5-year warranty
- **Parts:** 3-year warranty

For warranty claims, technical support, or replacement parts, please contact the seller, SiNuoTE Store, or Coolake customer service directly. Ensure you have your purchase details and model number (IM90) available.

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