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> [Coolake Commercial Ice Maker Machine IM180S User Manual](#)

Coolake IM180S

Coolake Commercial Ice Maker Machine IM180S User Manual

Model: IM180S | Brand: Coolake

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INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, installation, and maintenance of your Coolake Commercial Ice Maker Machine IM180S. Please read this manual thoroughly before using the appliance and retain it for future reference.

The Coolake IM180S is a high-capacity commercial ice maker designed for consistent production of crystal clear, restaurant-quality cube ice. It features a daily production capacity of up to 320 lbs and a storage capacity of 120 lbs, making it suitable for various commercial settings such as bars, restaurants, and cafes.

IMPORTANT SAFETY INFORMATION

- Read all instructions before using the appliance.
- Ensure the appliance is properly grounded.
- Do not operate the ice maker 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.
- Only use potable water for ice production.
- Unplug the unit before cleaning or performing any maintenance.
- 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.

WHAT'S IN THE BOX

Upon unpacking, verify that all components are present and undamaged:

- Coolake Commercial Ice Maker Machine IM180S
- Ice Storage Bin (integrated)
- Water Filter(s)
- Water Inlet Hose
- Drain Hose
- Ice Scoop(s)
- User Manual



Image: The Coolake Commercial Ice Maker Machine IM180S shown with its main unit, water filters, water hoses, and ice scoops.

SETUP INSTRUCTIONS

Proper installation is crucial for the performance and longevity of your ice maker. Follow these steps carefully:

1. **Unpacking:** Remove all packaging materials, including tape and protective films. Inspect the unit for any

shipping damage.

2. **Placement:** Place the ice maker on a level, stable surface capable of supporting its weight when full of ice. Ensure adequate ventilation around the unit. The compact design (26"W x 27.4"D x 37"H) allows for under-counter placement.
3. **Leveling:** Adjust the four adjustable leveling legs to ensure the unit is perfectly level. This is important for proper water drainage and ice production.
4. **Water Connection:** Connect the water inlet hose to a potable water supply. Ensure the water pressure is within the recommended range (typically 15-80 PSI).
5. **Drain Connection:** Connect the pre-installed drain hose to a suitable drain. Ensure the drain hose has a continuous downward slope to prevent water from backing up into the unit.
6. **Water Filter Installation:** Install the provided water filter(s) in line with the water inlet. This filter helps reduce scale build-up and improves ice quality.
7. **Power Connection:** Plug the ice maker into a dedicated, grounded electrical outlet. Refer to the specifications for voltage requirements.



Image: Rear connections of the ice maker, highlighting the water inlet, pre-installed drain, and power supply for easy setup.

Reduce the Scale Build-up



Image: A visual representation of the advanced water filter system, illustrating how it reduces mineral and scale build-up before water enters the ice maker.

OPERATING INSTRUCTIONS

The Coolake IM180S features an intuitive LCD display for easy control and monitoring.

1. **Power On:** Press the power button on the control panel to turn on the ice maker.
2. **Initial Ice Production:** The machine will automatically begin the ice-making cycle. The first few batches of ice may be smaller or irregular; discard these.
3. **Adjusting Ice Thickness:** Use the control panel to select your desired ice thickness: Thin (8-11 minutes), Medium (11-15 minutes), or Thick (15-18 minutes). This allows customization for various beverage needs.
4. **Monitoring Status:** The LCD display shows real-time information such as working status, ice thickness setting, and timer. It also indicates conditions like 'Ice Full', 'High Temp', 'Water Shortage', and 'Error Alert'.
5. **Accessing Ice:** Lift the front lid to access the ice bin. The internal blue LED light illuminates the ice, providing visibility. Use the provided ice scoop to retrieve ice.
6. **Self-Cleaning Function:** The unit includes a self-cleaning function, accessible via the control panel, to maintain hygiene and ice quality. Refer to the Maintenance section for details.

No Complicated Hoses Required



Image: The intuitive LCD control panel displaying various operational statuses and settings, including ice thickness, temperature, and alerts.

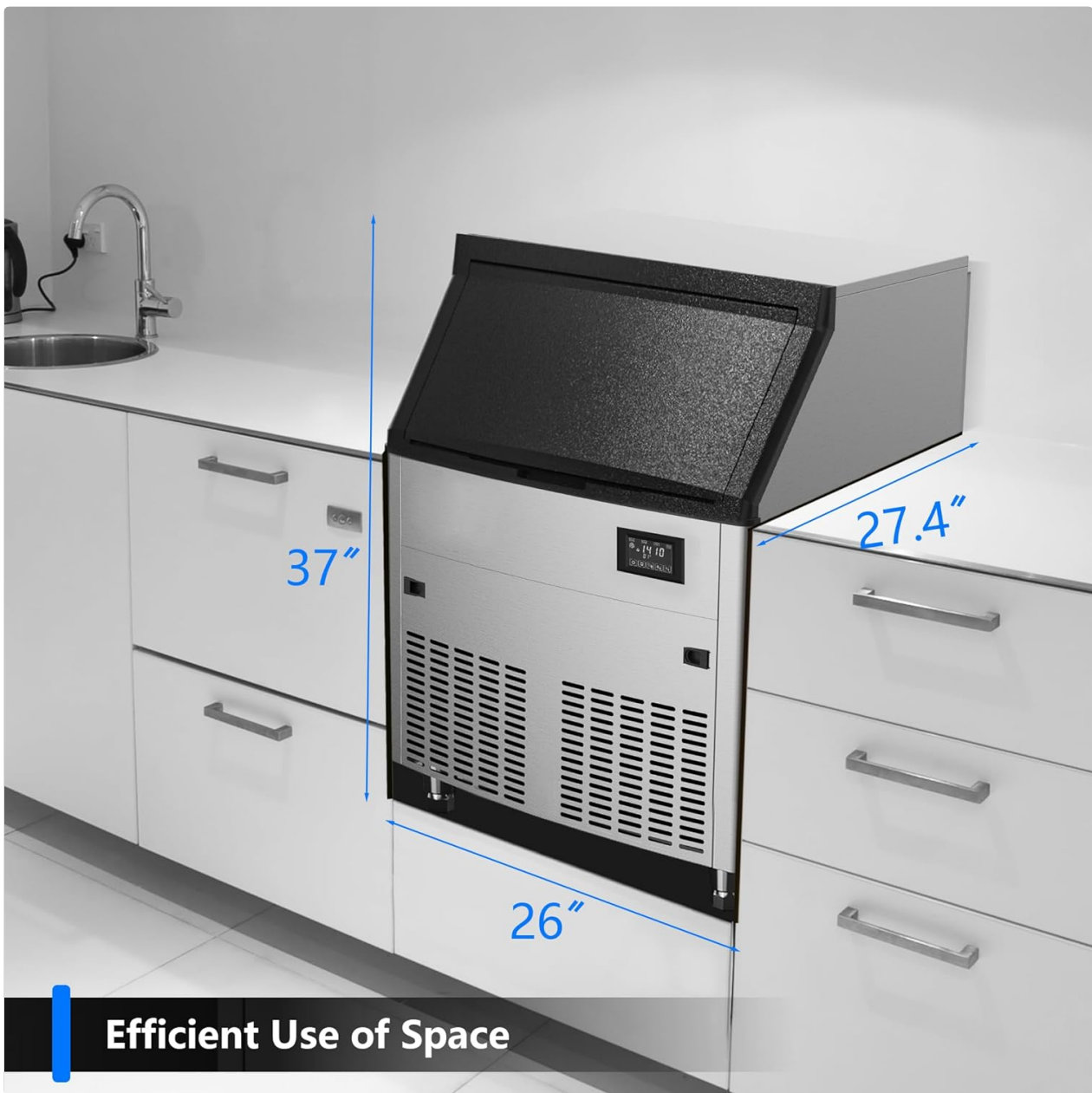


Image: Visual guide demonstrating the three adjustable ice thickness settings (Thin, Medium, Thick) and their corresponding production times.

MAINTENANCE

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

- **Daily Cleaning:** Wipe down the exterior with a soft, damp cloth. Clean the ice scoop regularly.
- **Self-Cleaning Cycle:** Activate the self-cleaning function on the control panel periodically (e.g., weekly or bi-weekly, depending on usage and water quality). Follow the on-screen prompts or manual instructions for this cycle.
- **Water Filter Replacement:** The advanced water filter effectively reduces scale. Replace the filter cartridge every 3-6 months, or as indicated by the unit or water quality.
- **Ice Bin Cleaning:** Periodically empty the ice bin and clean its interior with a mild, food-safe cleaning solution. Rinse thoroughly.
- **Condenser Cleaning:** The condenser fins can accumulate dust and debris, affecting efficiency. Clean them regularly with a soft brush or vacuum cleaner. Ensure the unit is unplugged before cleaning the condenser.

- **Drainage System:** Ensure the drain hose remains clear and free of obstructions.



Image: An internal view highlighting the thickened insulation foam layers and heavy-duty stainless steel construction, designed for durability and ice preservation.

TROUBLESHOOTING

Before contacting customer support, refer to the following table for common issues and solutions:

Problem	Possible Cause	Solution
Ice maker not producing ice	No water supply Power issue Temperature too high	Check water connection and supply valve. Ensure unit is plugged in and power is on. Verify ambient temperature is within operating range.

Problem	Possible Cause	Solution
Ice production is slow or ice is thin	Low water pressure Dirty condenser Incorrect ice thickness setting	Check water pressure. Clean the condenser fins. Adjust ice thickness setting on the control panel.
Unit making unusual noise	Unit not level Loose components	Adjust leveling legs. Inspect for any loose parts and secure them.
Water leakage	Loose connections Clogged drain hose	Check all water inlet and drain hose connections for tightness. Clear any obstructions in the drain hose.
Error code on display	Specific system fault	Refer to the full user manual for specific error code meanings and troubleshooting steps. If persistent, contact customer support.

SPECIFICATIONS

Feature	Detail
Model Number	IM180S
Brand	Coolake
Ice Production Capacity	Up to 320 lbs / 24 hours
Ice Storage Capacity	120 lbs
Product Dimensions (W x D x H)	26" x 27.4" x 37"
Wattage	575 watts
Material	Stainless Steel exterior, Food-grade PP interior liner
Insulation	Thickened insulation foam layers (keeps ice for 7-9 hours)
Features	Adjustable ice thickness, LCD display, Self-cleaning function, Water filter, Blue LED light

WARRANTY AND SUPPORT

Coolake stands behind the quality of its products. The Commercial Ice Maker Machine IM180S is backed by:

- **3-Year Warranty on Parts**
- **5-Year Warranty on Compressors**

For warranty claims, technical support, or service inquiries, please contact Coolake customer service through the

retailer where the product was purchased or visit the official Coolake website for contact information. Please have your model number (IM180S) and purchase date available when contacting support.

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