

## CMICE CMICE Ice Maker 350 Lbs/24H

# CMICE Commercial Ice Machine Maker 350 Lbs/24H User Manual

Model: CMICE Ice Maker 350 Lbs/24H

## 1. INTRODUCTION

Thank you for choosing the CMICE Commercial Ice Machine Maker. This manual provides essential information for the safe and efficient operation, installation, maintenance, and troubleshooting of your ice machine. Please read this manual thoroughly before operating the appliance and retain it for future reference.

## 2. IMPORTANT SAFETY INSTRUCTIONS

To reduce the risk of fire, electric shock, or injury, always follow basic safety precautions:

- Ensure the power supply matches the specifications on the rating label.
- Do not operate the appliance with a damaged 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 appliance before cleaning or performing 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.

## 3. PRODUCT OVERVIEW AND FEATURES

The CMICE Commercial Ice Machine Maker is designed for high-volume ice production, suitable for various commercial and home settings. It produces clear, square ice cubes efficiently.



Figure 3.1: CMICE Commercial Ice Machine Maker and included accessories (water filter, hoses, ice scoop).

### Key Features:

- **Rapid Ice Production:** Produces up to 350 pounds of square ice per 24 hours, with 156 ice cubes per cycle in 8-15 minutes.
- **Large Storage Capacity:** Integrated storage bin holds up to 308 pounds (140 kg) of ice.
- **Adjustable Ice Thickness:** Customize ice cube thickness by adjusting the ice-making cycle duration via the control panel.
- **Durable Construction:** Made with stainless steel exterior and interior for longevity.
- **Insulated Storage Bin:** Features a thick insulation layer to maintain ice freshness and prevent melting for up to 10 hours.
- **Smart LCD Touchscreen:** Intuitive panel for monitoring, adjusting ice thickness, scheduling, and auto-cleaning functions.
- **High-Performance Compressor:** Designed for maximum productivity and energy efficiency.
- **Adjustable Height Feet:** Ensures stable support and a perfect fit in various settings.

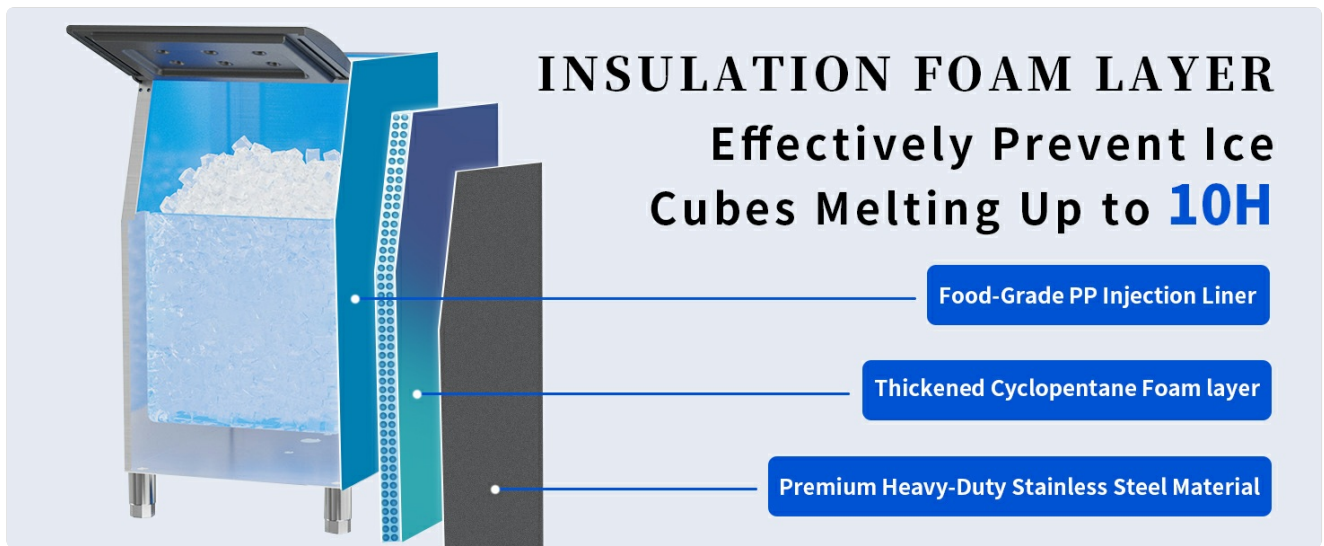


Figure 3.2: Internal view of the ice machine's ice production grid, highlighting its high-volume capability.



Figure 3.3: Cross-section diagram illustrating the food-grade PP injection liner, thickened cyclopentane foam layer, and premium heavy-duty stainless steel material of the ice storage bin, designed for effective insulation.

## 4. SETUP AND INSTALLATION

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

1. **Unpacking:** Carefully remove the ice machine and all accessories from the packaging. Inspect for any shipping damage.
2. **Placement:** Choose a level, stable location with adequate ventilation. Ensure sufficient clearance around the machine for air circulation. The adjustable feet can be used to level the unit.
3. **Connect the Top Unit to the Storage Bin:** Place the ice maker unit securely on top of the ice storage bin.
4. **Connect Water Supply:** Connect the water inlet hose to a potable water supply. It is recommended to use the included water filter for improved ice quality and machine protection.
5. **Connect Drain Pipe:** Connect the drain hose to the machine and route it to a suitable floor drain, ensuring a continuous downward slope for proper drainage.
6. **Connect Power Supply:** Plug the power cord into a grounded electrical outlet that meets the machine's power requirements.



Figure 4.1: Simplified installation diagram showing connection of the top unit to the storage bin, water supply through a filter, and the drain hose to a floor drain.



Figure 4.2: Detailed connection points for power supply, water source with purifier, and drain pipe.

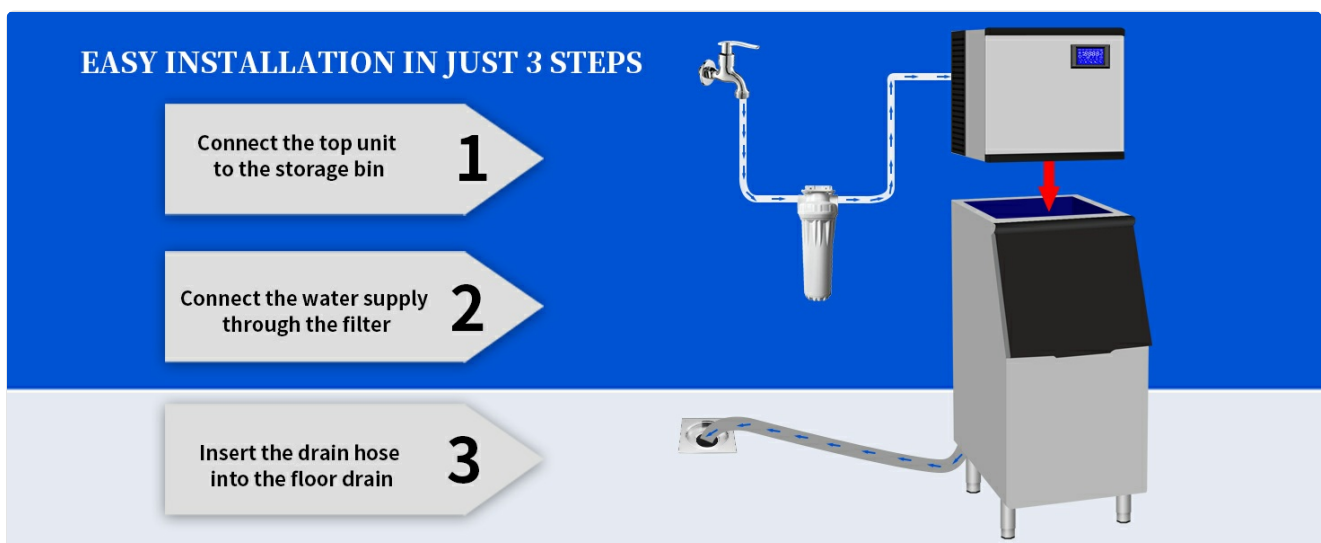


Figure 4.3: Illustration of the adjustable height feet, allowing for precise leveling and stability (3.9" - 4.7" adjustment range).

## 5. OPERATING INSTRUCTIONS

Once installed, operating your CMICE ice machine is straightforward using the smart LCD touchscreen.



Figure 5.1: The smart LCD touchscreen displaying various functions and indicators, including timed ice-making, custom ice options, and automatic cleaning.

### 5.1 Initial Start-up

1. Ensure all connections (water, drain, power) are secure.
2. Turn on the main power switch.
3. The LCD panel will illuminate. Follow on-screen prompts for initial setup if any.

### 5.2 Ice Production

- Press the "Start" button on the LCD panel to begin ice production.
- The machine will automatically fill with water and start the ice-making cycle.
- Ice cubes are typically ready in 8-15 minutes per cycle.

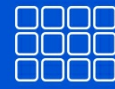
### 5.3 Adjusting Ice Thickness

The ice thickness can be customized to suit different needs:

- Access the "Ice TH" (Ice Thickness) setting on the LCD panel.
- Adjust the ice-making cycle duration:
  - **Thin Ice (5-8 mins):** Suitable for smoothies and seafood displays.
  - **Medium Ice (8-11 mins):** Ideal for beverages and cocktails.
  - **Thick Ice (11-15 mins):** Best for beer buckets and whiskies.
- Confirm your selection to apply the new setting.



**FAST** and  
**High-Volume Ice Production**  
**Never Run Out of Ice!**



**156 Cubes/Cycle**



**350 Lbs/24H**

Figure 5.2: Visual guide for adjusting ice cube thickness based on cycle duration, with examples for different applications.

## 5.4 Intelligent Ice Level Sensing

The machine features intelligent ice level sensing to ensure a continuous supply of ice while preventing overproduction and waste. When the ice bin is full, the machine will automatically pause production and resume when ice levels drop.

## 6. MAINTENANCE AND CLEANING

Regular maintenance ensures the longevity and hygienic operation of your ice machine.

### 6.1 Daily Maintenance

- Use the provided ice scoop to remove ice from the bin. Do not use hands or other utensils.
- Wipe down the exterior with a soft, damp cloth.

### 6.2 Weekly/Bi-Weekly Cleaning

- **Auto-Cleaning Function:** Utilize the auto-cleaning function available on the LCD panel. Follow the on-screen instructions.
- **Ice Bin Cleaning:** Empty the ice bin. Clean the interior with a mild detergent and warm water. Rinse thoroughly and dry.
- **Water Filter:** Check the water filter. Replace if necessary (typically every 3-6 months depending on water quality and usage).

### 6.3 Monthly/Quarterly Maintenance

- **Condenser Cleaning:** The condenser fins can accumulate dust and debris, affecting efficiency. Carefully clean the condenser with a soft brush or vacuum cleaner. Ensure the machine is unplugged before cleaning the condenser.
- **Descaling:** Depending on water hardness, periodic descaling may be required. Consult a professional or refer to specific descaling instructions if provided separately.

## 7. TROUBLESHOOTING GUIDE

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

Problem	Possible Cause	Solution
Machine does not turn on	No power supply; Power cord loose; Fuse blown/circuit breaker tripped	Check power outlet; Ensure cord is securely plugged in; Reset circuit breaker/replace fuse
No ice production	No water supply; Water inlet valve closed; Water filter clogged; Low refrigerant	Check water connection; Open water valve; Replace water filter; Contact service technician
Ice cubes are too thin/thick	Ice thickness setting incorrect	Adjust ice thickness setting on the LCD panel (refer to Section 5.3)
Machine is noisy	Unit not level; Loose components; Fan obstruction	Adjust leveling feet; Check for loose parts; Clear any obstructions from fan
Water leakage	Loose water connections; Clogged drain hose	Tighten all water connections; Clear drain hose of any blockages

## 8. SPECIFICATIONS

Feature	Detail
Brand	CMICE
Model Name	CMICE Ice Maker
Ice Production Capacity	350 lbs / 24 hours
Ice Storage Capacity	308 lbs (140 kg)
Ice Cube Type	Clear Cube (156 cubes per cycle)
Ice Making Cycle Time	8-15 minutes
Product Dimensions (D x W x H)	22" x 32.6" x 61"
Wattage	1007 watts
Manufacturer	CMICE



Figure 8.1: Dimensions of the CMICE Ice Machine Maker (Height: 61.02", Width: 32.68", Depth: 22.05") shown alongside various installation examples.



Power: 1007w

Output: 159kg/24h

Ice lattice number: 12x13

Ice storage capacity: 140kg



Figure 8.2: Key specifications including Power (1007W), Output (159kg/24h), Ice lattice number (12x13), and Ice storage capacity (140kg).

## 9. WARRANTY AND CUSTOMER SUPPORT

CMICE provides free replacement parts for quality-related issues and lifetime technical support for this product. For assistance, please contact CMICE customer service through your purchase platform or the official CMICE website. Please have your model number (CMICE Ice Maker 350 Lbs/24H) and purchase date available when contacting support.