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> MERXENG Commercial Ice Maker Machine APS-60W User Manual

## MERXENG APS-60W

# MERXENG Commercial Ice Maker Machine APS-60W User Manual

Model: APS-60W

## 1. INTRODUCTION

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Thank you for choosing the MERXENG Commercial Ice Maker Machine, Model APS-60W. This manual provides essential information for the safe and efficient operation, installation, maintenance, and troubleshooting of your ice maker. Please read this manual thoroughly before using the appliance and retain it for future reference.



Image 1.1: Front view of the MERXENG Commercial Ice Maker Machine APS-60W.

## 2. SAFETY INSTRUCTIONS

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To ensure safe operation and prevent injury or damage, always adhere to the following safety precautions:

- Read all instructions before using the appliance.
- Ensure the power supply matches the voltage specified on the rating label.

- Do not operate the ice maker with a damaged power cord or plug.
- Keep the appliance away from heat sources and direct sunlight.
- Do not immerse the appliance, power cord, or plug in water or other liquids.
- Unplug the ice maker before cleaning, servicing, or when not in use.
- This appliance is intended for commercial use.
- Ensure proper ventilation around the unit. Maintain at least 6 inches of clearance from walls and other objects.
- Use only potable water for ice production.
- Do not allow children to operate or play with the ice maker.

## 3. PRODUCT OVERVIEW

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### 3.1 Included Components

Upon unpacking, verify that all the following components are present:

- MERXENG Commercial Ice Maker Machine
- Ice Scoop
- Water Pipe
- Drain Hose
- Water Filter
- User Manual

### 3.2 Key Features

The MERXENG APS-60W ice maker is designed for high-efficiency ice production with advanced features:

- **High Daily Output:** Produces up to 130 lbs of ice per day.
- **Large Storage Capacity:** Integrated storage bin holds up to 30 lbs of ice.
- **Fast Ice Production:** Generates 60 ice cubes per batch in 5-15 minutes.
- **Adjustable Ice Thickness:** Customize ice cube thickness to suit your needs.
- **Automatic Cleaning Function:** Simplifies maintenance with a self-cleaning cycle.
- **Blue Light Sterilization:** Internal blue light helps maintain ice quality and slow melting.
- **Smart Control Panel:** Intuitive LCD display with indicators for easy operation.
- **Powerful Compressor:** Equipped with a 300W compressor for reliable performance.
- **Durable Construction:** Features a three-layer body with food-grade ABS, thermal insulation, and solid stainless steel cover.



Image 3.1: Diagram illustrating the 300W compressor and the three-layer material construction of the ice maker.

## 4. SETUP

### 4.1 Unpacking and Placement

1. Carefully remove the ice maker from its packaging.
2. Place the unit on a flat, stable, and level surface capable of supporting its weight when full of ice and water.
3. Ensure adequate ventilation by leaving at least 6 inches (15 cm) of space around the sides and back of the appliance.
4. Avoid placing the ice maker near heat sources or in direct sunlight.

### 4.2 Water Connection

The ice maker supports two methods for water inflow: direct tap water connection or bottled water.

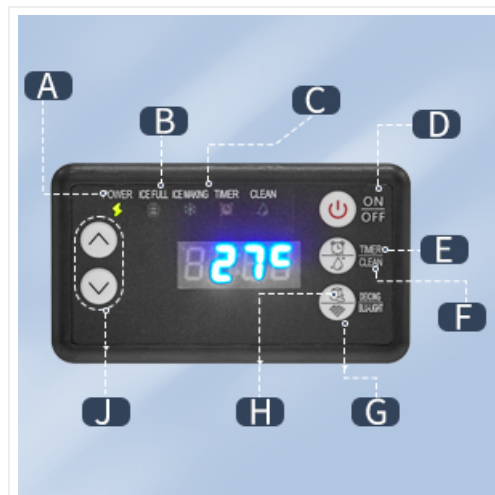


Image 4.1: Rear view of the ice maker showing connections for water inflow (tap or bottle) and drain hose.

#### 4.2.1 Tap Water Connection

1. Connect the provided water filter to your tap water supply pipe.
2. Attach one end of the water pipe to the filter outlet and the other end to the water inlet port on the back of the ice maker.
3. Ensure all connections are secure to prevent leaks.

#### 4.2.2 Bottled Water Inflow

1. Place a standard bottled water dispenser on top of the ice maker, ensuring it is securely seated.
2. The ice maker will draw water directly from the bottle as needed.

#### 4.3 Drain Hose Connection

Connect the provided drain hose to the drain outlet on the back of the ice maker. Route the other end of the drain hose to a suitable drain or container, ensuring it is lower than the ice maker's drain outlet for proper gravity drainage.

#### 4.4 Power Connection

Plug the power cord into a grounded electrical outlet. Ensure the outlet meets the electrical requirements of the ice maker (110V AC).

### 5. OPERATING INSTRUCTIONS

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The ice maker features an advanced control panel for easy operation.



Image 5.1: Detailed diagram of the ice maker's control panel with labeled functions.

#### 5.1 Control Panel Functions

- **A. Compressor Running Indicator:** Lights up when the compressor is active.
- **B. Ice Full Indicator:** Illuminates when the ice storage bin is full. The machine will pause ice production.
- **C. Ice Making Indicator:** Lights up during the ice production cycle.
- **D. ON/OFF Button:** Press to power the unit on or off.
- **E. Timer/Clean Button:** Short press to set a timer for operation. Long press to activate the automatic cleaning function.
- **F. Deicing/Blue Light Button:** Short press to initiate a deicing cycle. Long press to turn the internal blue light on or off.
- **G. Control Blue Light:** Indicator for the blue light function.
- **H. Digital Display:** Shows current temperature, ice making time adjustment, or timer settings.

- **J. Up/Down Buttons:** Used to adjust ice making time (thickness) or set timer values.

## 5.2 Initial Operation

1. After connecting water and power, press the **ON/OFF** button to turn on the ice maker.
2. The machine will automatically begin the ice-making process.
3. Discard the first few batches of ice to ensure cleanliness.

## 5.3 Adjusting Ice Making Time (Ice Thickness)

The ice making time can be adjusted to control the thickness of the ice cubes:

- During the ice-making cycle, use the **Up** (^) and **Down** (v) buttons to increase or decrease the ice making time.
- A longer ice making time results in thicker ice cubes, while a shorter time produces thinner cubes.
- The digital display will show the adjusted time.

## 5.4 Timer Function

To set a delayed start or stop time:

1. Press the **Timer/Clean** button. The timer indicator will flash.
2. Use the **Up** (^) and **Down** (v) buttons to set the desired delay time in hours.
3. Press the **Timer/Clean** button again to confirm. The timer indicator will remain lit.
4. The machine will start or stop after the set time has elapsed.

# 6. MAINTENANCE

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## 6.1 Automatic Cleaning

The ice maker features an automatic cleaning function to simplify maintenance:

1. Ensure the water supply is connected and the drain hose is properly routed.
2. Long press the **Timer/Clean** button for 3 seconds. The clean indicator will light up.
3. The machine will perform a cleaning cycle, circulating water and draining it.
4. Once the cycle is complete, the clean indicator will turn off.

## 6.2 Regular Cleaning

For optimal performance and hygiene, regular manual cleaning is recommended:

- **Exterior:** Wipe the exterior surfaces with a soft cloth and mild detergent. Do not use abrasive cleaners.
- **Interior:** Periodically clean the ice storage bin and water reservoir with a solution of water and white vinegar or a food-grade ice maker cleaner. Rinse thoroughly with clean water.
- **Water Filter:** Replace the water filter every 3-6 months, or as needed, depending on water quality and usage.
- **Drain Hose:** Ensure the drain hose is clear of obstructions.

Always unplug the ice maker before performing any manual cleaning.

# 7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Ice maker not producing ice.	No water supply; Power off; Ambient temperature too high; Refrigerant leak.	Check water connections and supply; Ensure unit is plugged in and powered on; Move unit to a cooler location; Contact customer support.
Ice cubes are too small or soft.	Water temperature too high; Ice making time too short; Poor ventilation.	Use colder water; Adjust ice making time to be longer using the control panel; Ensure adequate clearance around the unit.
"Ice Full" indicator is on, but bin is not full.	Ice sensor obstructed or faulty.	Clear any ice blocking the sensor; Clean the sensor if dirty; Contact customer support if issue persists.
Water leakage.	Loose water connections; Clogged drain hose.	Check and tighten all water inlet and drain hose connections; Clear any blockages in the drain hose.
Unusual noise during operation.	Unit not level; Internal component issue.	Ensure the unit is on a level surface; Contact customer support if noise is excessive or unusual.

If the problem persists after attempting these solutions, please contact customer support.

## 8. SPECIFICATIONS

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Detailed technical specifications for the MERXENG Commercial Ice Maker Machine APS-60W:

Specification	Value
Brand	MERXENG
Model Name	APS-60W
Product Dimensions (D x W x H)	17.72" x 19.69" x 32.28"
Daily Ice Output	130 lbs
Ice Storage Capacity	30 lbs
Wattage	300 watts
Voltage	110 Volts (AC)
Refrigerant	R290a
Material Type	Metal, Plastic, Stainless Steel
Item Weight	70 Pounds
UPC	199414890731

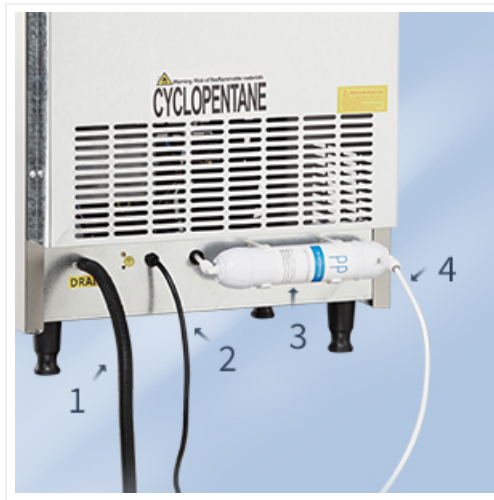


Image 8.1: Visual representation of the ice maker's dimensions and included accessories.

## 9. WARRANTY AND SUPPORT

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### 9.1 Warranty Information

This MERXENG Commercial Ice Maker Machine is covered by a manufacturer's warranty. Please refer to the warranty card included with your product for specific terms, conditions, and duration. Keep your purchase receipt as proof of purchase for warranty claims.

### 9.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact MERXENG customer support. Contact information can typically be found on the product packaging, warranty card, or the official MERXENG website.

When contacting support, please have your model number (APS-60W) and purchase date readily available.