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## Dessiz DZB-45

# Dessiz Commercial Ice Maker Machine DZB-45 User Manual

Model: DZB-45

## 1. INTRODUCTION

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Thank you for choosing the Dessiz Commercial Ice Maker Machine, Model DZB-45. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your ice maker. Please read this manual thoroughly before initial use and retain it for future reference.



Figure 1: Dessiz Commercial Ice Maker Machine, Model DZB-45. This image shows the front view of the ice maker, featuring a black top section with a clear lid revealing ice cubes, a control panel, and a stainless steel lower section with ventilation grilles.

## 2. SAFETY INSTRUCTIONS

To prevent injury to users or damage to the product, observe the following safety precautions:

- Ensure the ice maker is placed on a stable, level surface.
- Do not operate the appliance with a damaged power cord or plug.
- Keep ventilation openings clear of obstructions.
- Do not immerse the appliance, power cord, or plug in water or other liquids.
- Unplug the ice maker before cleaning or performing any maintenance.
- Allow the unit to stand upright for at least 24 hours before initial use to allow refrigerants to settle.

- This appliance is designed for commercial and household use.

### 3. PRODUCT OVERVIEW AND COMPONENTS

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The Dessiz Commercial Ice Maker Machine is designed for efficient ice production with a large storage capacity. Key components include:

- **Control Panel:** For operating functions and settings.
- **Ice Storage Bin:** Holds up to 15 lbs of ice.
- **Water Inlet:** Supports both tap water and bottled water connections.
- **Drain Outlet:** For water drainage during cleaning or defrosting.
- **Adjustable Feet:** For leveling the unit.

# Parameters:

Rated power: 300W

Rated voltage /frequency: 120V~/60Hz

Insulation materials: Stainless steel

Daily ice production: 100LBS/24H

Refrigerant / Weight: R290 /45g

Ice cubes number/ tray: 45PCS

Water inlet mode: External water supply /Self-priming water

## Includes:



Sewage pipe



2-point straight plug/4-point threaded connector



Buckle (X5)



Instruction



2-point Water inlet pipe from faucet



2-point Y-type connector



φ18 Spring buckle



φ6\*φ10 Bucket self-suction water inlet pipe



Ice shovel



Ice cube bags (X5)



Figure 2: Overview of Dessiz Ice Maker components and dimensions. This image displays the ice maker with callouts for its dimensions (23.8"H x 15.74"W x 14.17"D) and a list of included accessories such as sewage pipe, connectors, buckles, water inlet pipes, ice shovel, and ice cube bags.

## 4. SETUP AND INSTALLATION

### 4.1 Unpacking

- Carefully remove all packaging materials.

- Inspect the ice maker for any shipping damage.
- Remove any protective films or stickers from the unit.

## 4.2 Placement

- Place the ice maker on a firm, level surface.
- Ensure adequate ventilation around the unit. Maintain at least 5 inches of space from walls or other appliances.
- Avoid direct sunlight or heat sources.
- Adjust the leveling feet to ensure stability.

## 4.3 Water Connection

The Dessiz ice maker supports two water input methods:

1. **Direct Tap Water Supply:** Connect the provided water inlet pipe to a potable water source and the designated inlet on the ice maker. Ensure all connections are secure to prevent leaks.
2. **Self-Priming Bottled Water:** Use the self-priming water pipe to draw water from a gallon-sized bottled water container.

# TWO WAYS TO ADD WATER



Figure 3: Illustration of the two water input methods. This image shows diagrams for connecting an external tap water supply with a filter and using a self-priming pump for bottled water, highlighting the tap water inlet and self-priming water inlet ports on the back of the machine.

## 4.4 Initial Cleaning

Before first use, it is recommended to clean the ice maker. Refer to the 'Maintenance' section for detailed cleaning instructions.

## 5. OPERATING INSTRUCTIONS

### 5.1 Control Panel Overview

The ice maker features an intuitive LED control panel for easy operation.

# LCD Panel - Easy to Operate

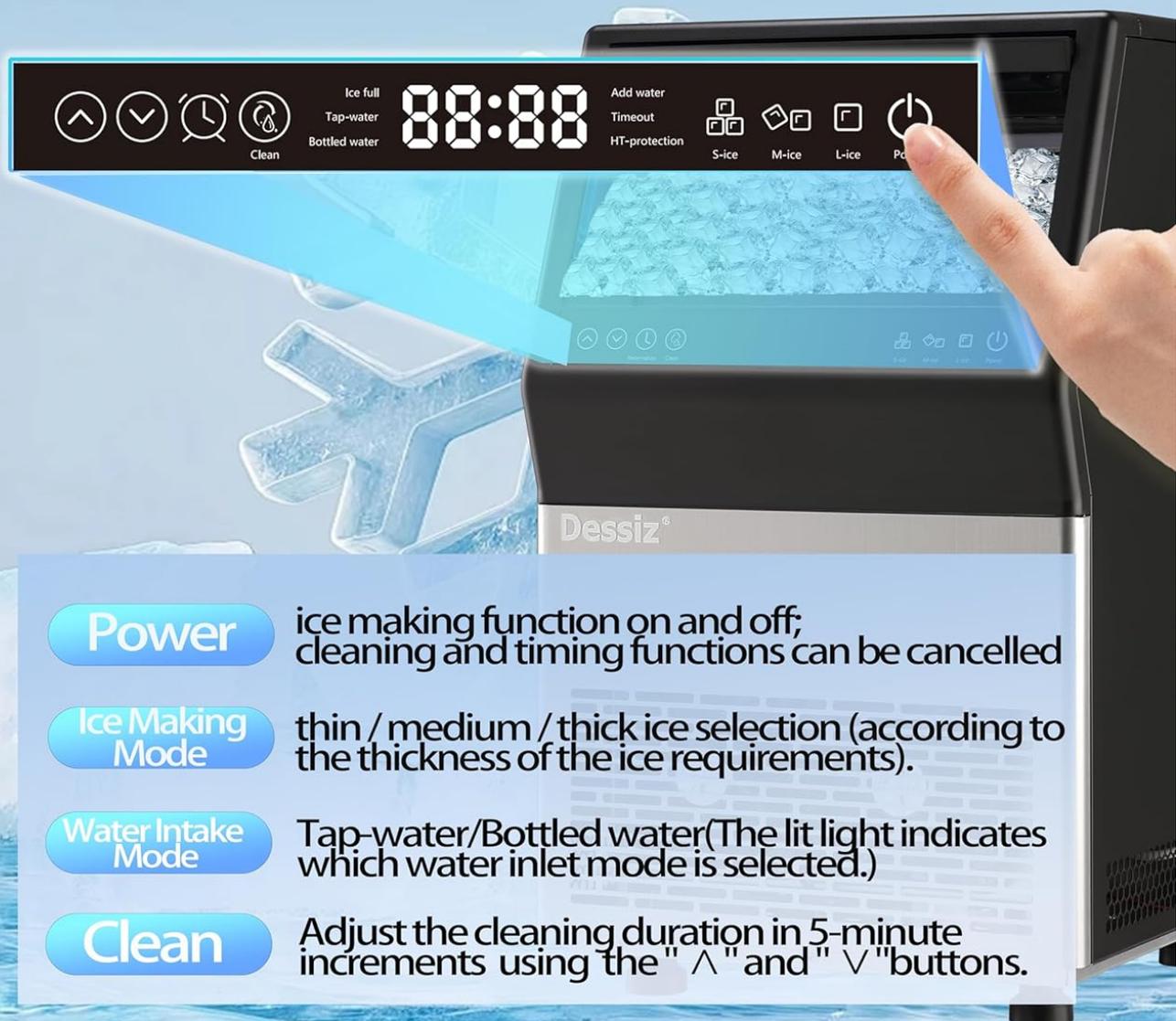


Figure 4: Detailed view of the LCD control panel. This image highlights the various buttons and indicators on the panel, including Power, Ice Making Mode (S-ice, M-ice, L-ice), Water Intake Mode (Tap-water, Bottled water), Reservation, Clean, Ice Full, Add Water, Timeout, and HT-protection.

## 5.2 Powering On/Off

- To turn on the ice maker, press the **Power** button.
- To turn off the ice maker, press the **Power** button again.

## 5.3 Ice Making Modes

Select your desired ice cube thickness:

- **S-ice (Small):** Produces thinner ice cubes in approximately 8-10 minutes.
- **M-ice (Medium):** Produces medium-sized ice cubes in approximately 10-12 minutes.
- **L-ice (Large):** Produces thicker ice cubes in approximately 12-15 minutes.

The machine produces 45 ice cubes per cycle and up to 100 lbs of ice in 24 hours.

# EFFICIENT ICE MAKING

## adjustable ice cube thickness



S

8-10mins





M

10-12mins





L

12-15mins





45

Cubes Cycle

Figure 5: Visual representation of adjustable ice cube thickness. This image shows three ice cube sizes (S, M, L) with corresponding ice making times (8-10 mins, 10-12 mins, 12-15 mins) and examples of drinks suitable for each size.

### 5.4 Reservation Function

The reservation function allows you to schedule ice production up to 24 hours in advance.

- Press the **Reservation** button.

- Use the **Up** and **Down** arrows to set the desired time for ice production to begin.
- Confirm the setting. The machine will start making ice at the scheduled time.



Figure 6: Illustration of the 24-hour reservation feature. This image depicts a timeline from night closure to getting full ice, indicating the ability to set a timer for ice production.

## 6. MAINTENANCE

### 6.1 Automatic Self-Cleaning

The ice maker is equipped with an automatic self-cleaning function:

- Ensure the water supply is connected.
- Press and hold the **Clean** button for more than 5 seconds to initiate the automatic cleaning cycle.
- You can adjust the cleaning duration in 5-minute increments using the **Up** and **Down** buttons.

# AUTOMATIC CLEANING



Press '**Clean**' for more than 5sec  
to start automatic cleaning

Adjust the cleaning duration  
in 5-minute increments using  
the "↑" and "↓" buttons.



Figure 7: Visual guide for activating the automatic cleaning function. This image shows the control panel with the 'Clean' button highlighted and instructions to press it for more than 5 seconds to start the cycle, along with options to adjust duration.

## 6.2 Regular Cleaning

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

- Unplug the ice maker from the power outlet.

- Clean the inner wall of the sink and ice storage bin with a neutral cleaner.
- Rinse thoroughly with clean water.
- Wipe down the exterior with a soft, damp cloth.
- Clean the water lines and drain periodically to prevent mineral buildup.

### 6.3 Defrosting

If ice accumulates excessively, the defrost function can be activated via the control panel. Ensure the drain is properly connected to allow melted water to escape.

## 7. TROUBLESHOOTING

Refer to the following table for common issues and their solutions:

Problem	Possible Cause	Solution
Ice production is slow or insufficient.	Insufficient water supply; high ambient temperature; dirty condenser.	Check water connection; ensure proper ventilation; clean condenser.
Ice cubes are too thin or too thick.	Incorrect ice making mode selected.	Adjust ice cube thickness setting (S-ice, M-ice, L-ice) on the control panel.
Ice gets stuck in the tray.	Water quality issues; machine needs defrosting or cleaning.	Perform a self-cleaning cycle; use filtered water; manually clean the ice tray.