

## Blossom MCL4 2432R

# Blossom LED Mirror Medicine Cabinet Instruction Manual

Model: MCL4 2432R

## 1. IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before installation and use. Keep this manual for future reference.

- Ensure all electrical connections are performed by a qualified electrician in accordance with local codes and regulations.
- Always disconnect power at the circuit breaker before installing or servicing the cabinet.
- This LED medicine cabinet is designed as a supplementary light source and is not intended to be the primary lighting for your bathroom. Additional lighting may be required.
- Handle glass components with care to prevent breakage and injury. The tempered glass is designed for safety, but can still break under extreme impact.
- The cabinet features grooved door edges and corners to enhance safety and prevent accidental injuries.
- Do not expose the cabinet to excessive moisture or direct water spray.

## 2. PRODUCT OVERVIEW

The Blossom LED Mirror Medicine Cabinet offers a sophisticated and functional storage solution for your bathroom. It features a full-mirrored exterior and interior, a built-in defogger, and adjustable LED lighting, designed for both recessed and surface mounting.

### Key Features

- **Versatile & Durable Design:** Crafted with a full-mirrored exterior and interior, featuring tempered glass that is anti-black and copper-free for long-lasting clarity. The anodized aluminum frame is anti-corrosion and scratch-free.
- **Built-in Defogger:** Prevents mirror fogging and automatically turns off after 45-60 minutes to save energy.
- **Superior Lighting & Safety:** ETL-certified, IP44-rated, and CRI 90+ LED light source ensures bright, high-quality illumination. Interior LED light turns on automatically when the door opens.
- **Flexible Installation & Storage:** Supports both surface and recessed wall mounting. Includes three adjustable 8mm thick tempered crystal glass shelves for customizable storage.
- **Long-Lasting & High-Quality Build:** LED lights have a 50,000-hour lifespan. Features soft-close hinges and concealed finger-pull door to minimize noise. The touch switch has a 100,000 switch touch lifespan.

### Package Contents

- 1 x Blossom LED Mirror Medicine Cabinet (V - 24" x 32" - Right Hinge)
- 3 x Adjustable 8mm Thick Tempered Crystal Glass Shelves
- Mounting Hardware (screws, anchors, etc.)
- Instruction Manual

### 3. SETUP & INSTALLATION

Proper installation is crucial for the functionality and safety of your medicine cabinet. Please follow these steps carefully.

#### Pre-Installation Checklist

- Verify all package contents are present and undamaged.
- Ensure the installation area is clean, dry, and structurally sound.
- Turn off power to the installation area at the main circuit breaker.
- Gather necessary tools: measuring tape, level, pencil, drill, screwdriver, wire strippers (if hardwiring).

#### Installation Options: Recessed vs. Surface Mount

This cabinet supports both recessed (flush with the wall) and surface (mounted on the wall) installation.

#### Recessed Mount Installation

For recessed installation, you will need to create an opening in your wall. The rough-in dimensions for this model (V - 24" x 32" - Right Hinge) are approximately 23.5 inches (width) x 31.5 inches (height) x 4.5 inches (depth). Always measure the actual cabinet frame before cutting.

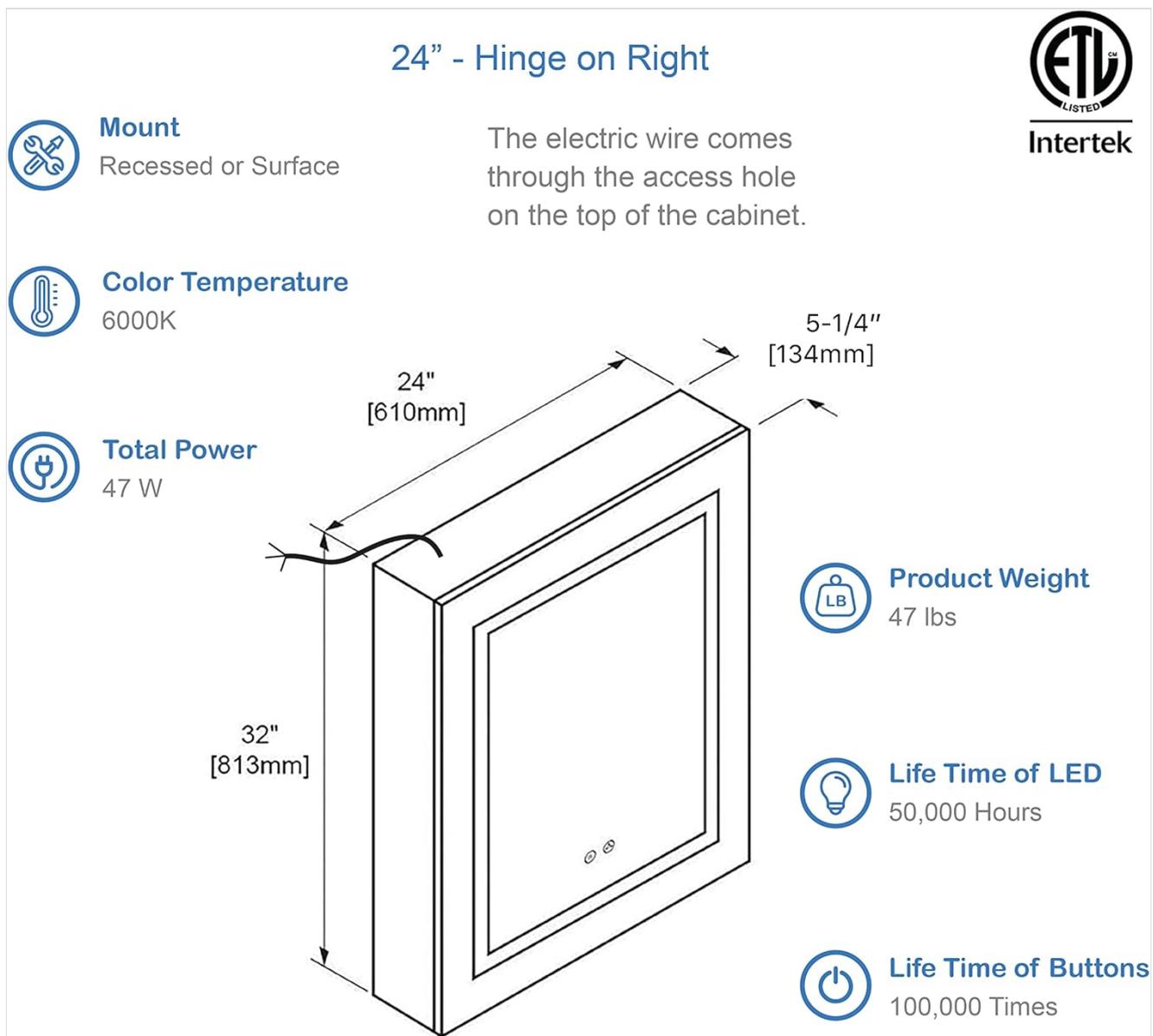


Figure 1: Product Dimensions and Mounting Options. Note the 24" width and 32" height, with a 5-1/4" depth. The electric wire comes through the access hole on top.

1. **Prepare the Cabinet:** Detach the mirrored doors and side mirror panels from the cabinet frame before installation to prevent

damages. This involves disconnecting the electrical connectors for the door lights and carefully unlatching the hinges.

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Video 1: Installation Guide for Recessed or Surface Mount Lighted Medicine Cabinet. This video demonstrates detaching doors and panels, measuring rough-in sizes, and wiring connections.

2. **Mark the Wall:** Use a level and pencil to mark the precise outline of the rough-in opening on the wall. Ensure the marked area is free of electrical wires, pipes, or studs.
3. **Cut the Opening:** Carefully cut out the marked section of the wall using an appropriate cutting tool.
4. **Run Electrical Wiring:** Ensure the electrical wiring is accessible within the wall opening.
5. **Mount the Cabinet Frame:** Insert the cabinet frame into the wall opening. Secure it to the wall studs using appropriate screws through the pre-drilled holes inside the cabinet. Ensure the cabinet is level and plumb.
6. **Connect Wiring:** Connect the cabinet's electrical wires to your household wiring. A wire terminal connector (not included) may be required for secure connections. Ensure all connections are tight and insulated.
7. **Reattach Doors and Panels:** Carefully reattach the mirrored doors and side panels, reconnecting their electrical connections.

## Surface Mount Installation

For surface mounting, the cabinet will sit on the exterior of your wall.

1. **Mark Mounting Line:** Use a level to draw a horizontal line on the wall where the bottom of the cabinet will rest. Ensure there is a minimum of 3 inches clearance above any faucet.
2. **Install Mounting Bar:** Secure the provided mounting bar to the wall along the marked line using screws and appropriate wall anchors. Ensure the bar is level and firmly attached to wall studs if possible.
3. **Run Electrical Wiring:** Ensure the electrical wiring is accessible from the wall to the top of the cabinet.
4. **Mount the Cabinet Frame:** Hang the cabinet frame onto the mounting bar. Secure the cabinet to the wall using additional screws through the pre-drilled holes inside the cabinet, especially at the top and sides for stability.
5. **Connect Wiring:** Connect the cabinet's electrical wires to your household wiring. A wire terminal connector (not included) may be required for secure connections. Ensure all connections are tight and insulated.
6. **Reattach Doors and Panels:** Carefully reattach the mirrored doors and side panels, reconnecting their electrical connections.



Figure 2: Front view of the Blossom LED Mirror Medicine Cabinet.

## 4. OPERATING INSTRUCTIONS

Your Blossom LED Medicine Cabinet is designed for ease of use with smart touch controls.

### Power On/Off and Light Adjustment

The mirror features two soft-touch keys on the front surface.

- **Power On/Off:** Tap the power icon (usually a circle with a vertical line) to turn the LED lights on or off.
- **Brightness Adjustment:** Long press the power icon for 3-5 seconds to adjust the brightness level (dimmer function). The smart memory function will retain your last brightness setting.



Figure 3: Soft Touch Keys for controlling light and defogger functions.

### Defogger Function

The built-in defogger ensures a clear reflection even in steamy bathrooms.

- **Activate Defogger:** Tap the defogger icon (usually a wavy steam symbol) on the mirror surface to activate the defogging function.
- **Automatic Shut-off:** The defogger will automatically turn off after 45-60 minutes to conserve energy.

## INTERIOR LIGHTING WITH SENSOR

Open Door → Light On

Close Door → Light Off



Figure 4: Interior lighting with sensor. Lights turn on when the door opens and off when closed.

### 5. MAINTENANCE & CARE

To ensure the longevity and pristine appearance of your Blossom LED Medicine Cabinet, follow these maintenance guidelines:

- **Cleaning the Mirror:** Use a soft, lint-free cloth and a non-abrasive glass cleaner. Spray the cleaner onto the cloth, not directly onto the mirror, to avoid liquid seeping into the electrical components.
- **Cleaning the Frame:** Wipe the aluminum frame with a soft, damp cloth. Avoid harsh chemicals or abrasive cleaners that could damage the finish.
- **Shelf Care:** The tempered glass shelves can be removed for cleaning. Wash with mild soap and water, then dry thoroughly before reinserting.
- **Regular Inspection:** Periodically check all electrical connections and mounting hardware to ensure they remain secure.

## 6. TROUBLESHOOTING

If you encounter any issues with your medicine cabinet, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
LED lights do not turn on.	No power supply, loose wiring, faulty touch switch.	Check circuit breaker. Ensure all wiring connections are secure. Contact customer support if the touch switch is unresponsive.
Defogger is not working.	Defogger not activated, power issue.	Ensure the defogger icon has been tapped. Verify power supply to the unit.
Lights are buzzing.	Electrical interference, loose connection.	Ensure all wiring is properly grounded and connections are tight. If buzzing persists, contact a qualified electrician or customer support.
Door is not aligned properly.	Hinge adjustment needed.	Utilize the three-way door adjustment screws on the hinges to align the door. Refer to the installation video for detailed instructions on hinge adjustment.

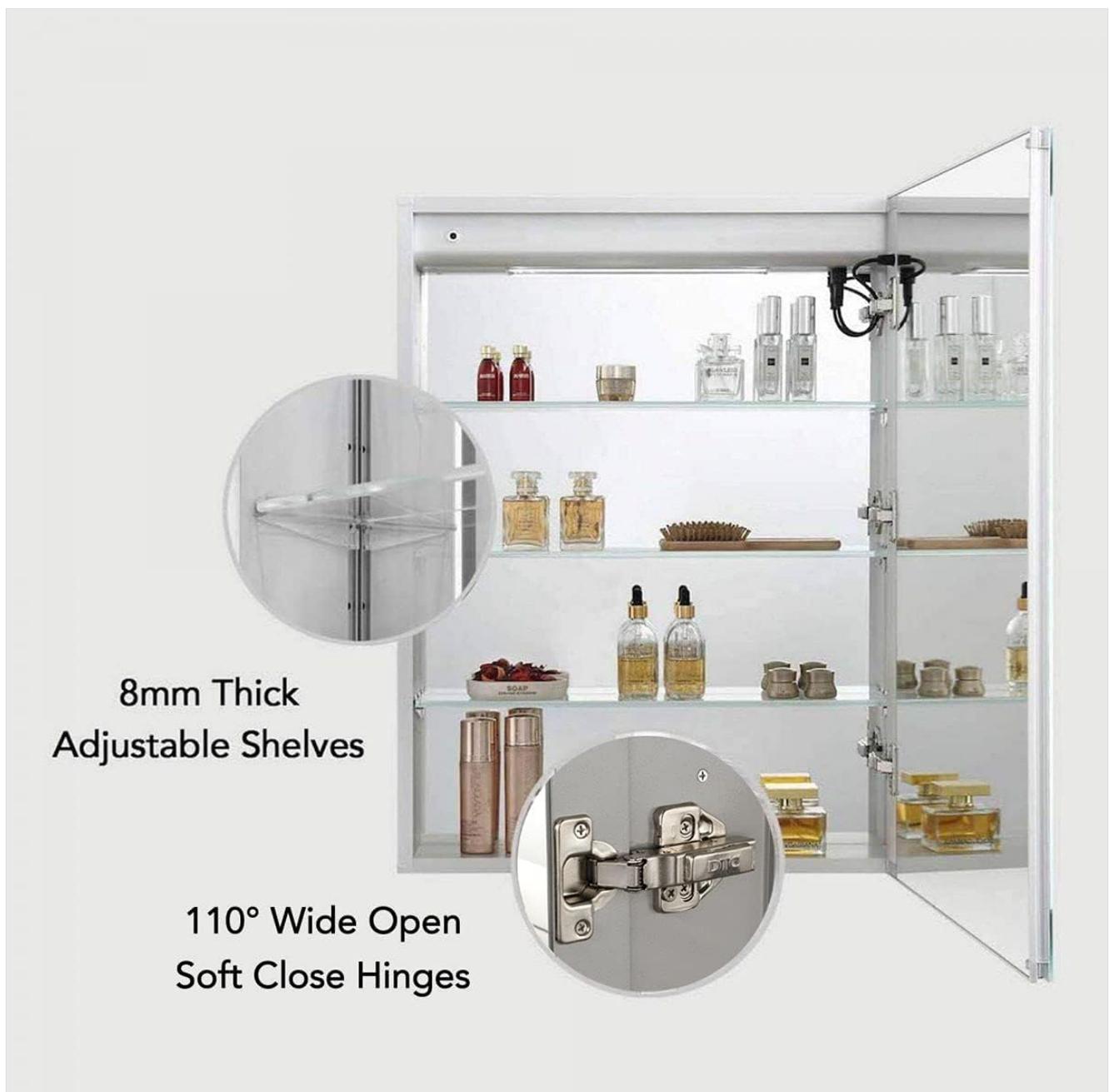


Figure 5: 8mm Thick Adjustable Shelves and 110° Wide Open Soft Close Hinges.

## 7. SPECIFICATIONS

Attribute	Detail
Brand	Blossom
Model Number	MCL4 2432R
Size	V - 24" x 32" - Right Hinge
Product Dimensions	5"D x 24"W x 32"H
Color	Silver
Mounting Type	Wall Mount (Recessed or Surface)
Number of Shelves	3
Shelf Material	8mm Thick Tempered Crystal Glass
Frame Material	Aluminum
LED Lifespan	50,000 Hours
Switch Touch Lifespan	100,000 Times
Special Features	Mirrors on both sides of the door, Adjustable Brightness, Built-in Defogger, Scratch Resistant, Adjustable Shelf
Certifications	ETL-certified, IP44-rated
CRI	90+
Product Weight	47 lbs
Total Power	47 W

## 8. WARRANTY & SUPPORT

Blossom stands behind the quality of its products.

- **Warranty:** This LED mirror medicine cabinet comes with a two-year warranty from the date of purchase. Please retain your proof of purchase for warranty claims.
- **Customer Support:** For technical assistance, troubleshooting, or warranty inquiries, please contact Blossom customer support.
- **Additional Resources:** An official Installation Manual (PDF) is available for download [here](#).

