

Moen 8432F05

Moen M-Bition One-Handle Lavatory Faucet

INSTRUCTION MANUAL - MODEL: 8432F05

1. Introduction

Thank you for choosing a Moen M-Bition One-Handle Lavatory Faucet. This manual provides detailed instructions for the proper installation, operation, and maintenance of your new faucet. Please read this manual thoroughly before beginning installation or use to ensure safe and efficient operation. Retain this manual for future reference.

The Moen M-Bition series is designed for commercial applications, offering durability, water efficiency, and ease of maintenance. Its robust construction and innovative features ensure reliable performance in demanding environments.

2. Product Overview

The Moen M-Bition 8432F05 is a single-handle lavatory faucet featuring a polished chrome finish, designed for deck-mount installation. It includes a metal pop-up type waste assembly. This faucet is engineered for medium-duty commercial use, providing a balance of performance, water conservation, and durability.



Image: Moen M-Bition One-Handle Lavatory Faucet, showcasing its chrome finish and single-handle design, with the included drain assembly.

The faucet incorporates Moen's Duralast ceramic disc cartridge, which ensures smooth operation and long-term reliability. Its design minimizes recesses and sharp angles to simplify cleaning and resist dirt and bacteria buildup, making it ideal for commercial settings.



Image: Moen M-Bition faucets installed in a commercial laboratory environment, demonstrating their suitability for professional spaces.

3. Key Features

- **1255 Duralast Ceramic Cartridge:** Engineered for smooth feel and reliable operation over time, resisting wear and harsh conditions.
- **Vandal Resistant Design:** Features a hex screw to discourage tampering, enhancing security in public or commercial settings.
- **Durable Construction:** Solid cast brass body with a wear-resistant chrome finish ensures longevity and maintains aesthetic appeal.
- **Adjustable Temperature Limit Stops:** Provides anti-scalding protection by allowing precise control over maximum hot water temperature.
- **Standard Connections:** Equipped with 1/2-Inch IPS connections for straightforward installation.
- **Integrated Waste Assembly:** Includes a metal pop-up type waste assembly for a complete installation solution.
- **ADA Compliant:** Designed to meet the accessibility guidelines of the Americans with Disabilities Act.

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Moen received the highest numerical score in the proprietary lifestory research 2016 - 2024 America's Most Trusted® Faucet studies. Study results are based on experiences and perceptions of people surveyed. Your experiences may vary. Visit www.Lifestoryresearch.com.

Image: Moen recognized as America's Most Trusted Faucet Brand for multiple years, highlighting the brand's commitment to quality and reliability.

4. Specifications

Attribute	Detail
Brand	Moen
Model Name	Moen bathroom-sink-faucets (8432F05)
Recommended Uses	Bathroom (Commercial)
Mounting Type	Deck Mount

Attribute	Detail
Finish Type	Chrome
Material	Metal (Solid Cast Brass)
Color	Chrome
Number of Handles	1
Handle Type	Lever
Hole Count	3
Maximum Flow Rate	0.5 Gallons Per Minute
Valve Type	Disc Valve (Duralast Ceramic)
Item Weight	3.35 pounds
Product Dimensions	11.62 x 6.25 x 4.88 inches
Special Feature	ADA Compliant

5. Setup (Installation)

Professional installation is recommended for optimal performance and to ensure compliance with local plumbing codes. Before beginning, ensure you have all necessary tools and components, including the faucet, drain assembly, and appropriate plumbing supplies.

5.1. Pre-Installation Checklist

- Turn off the main water supply to the installation area.
- Clear the area under the sink for easy access.
- Inspect all components for any damage.
- Ensure the sink has the required three holes for deck mounting.

5.2. Installation Steps (General)

1. Position the faucet body onto the sink deck, aligning it with the pre-drilled holes.
2. Secure the faucet from underneath the sink using the provided mounting hardware. Ensure it is tightened firmly but do not overtighten.
3. Connect the hot and cold water supply lines to the corresponding inlets on the faucet. The faucet uses 1/2-Inch IPS connections.
4. Install the included metal pop-up drain assembly according to the instructions provided with the drain. Ensure all seals are properly seated to prevent leaks.
5. Once all connections are secure, slowly turn on the main water supply and check for any leaks.
6. Test the faucet operation, checking both hot and cold water flow.

For detailed diagrams and specific torque requirements, please refer to the installation guide included in your product

packaging.

6. Operating Instructions

The Moen M-Bition faucet features a single lever handle for controlling both water flow and temperature.

6.1. Water Flow Control

- To turn the water on, lift the handle upwards.
- To increase water flow, lift the handle further.
- To turn the water off, push the handle downwards until it is fully closed.

6.2. Temperature Control

- To adjust the water temperature, pivot the handle left or right.
- Moving the handle to the left (typically) will increase the hot water mix.
- Moving the handle to the right (typically) will increase the cold water mix.

The faucet is equipped with an adjustable temperature limit stop to prevent scalding. This feature can be set during installation to limit the maximum hot water temperature. Consult a qualified plumber if adjustment is required after installation.

7. Maintenance

Regular cleaning and maintenance will help preserve the finish and functionality of your Moen faucet.

7.1. Cleaning the Finish

- Clean the chrome finish with a soft, damp cloth and mild soap.
- Avoid using abrasive cleaners, harsh chemicals, or scouring pads, as these can damage the finish.
- Rinse thoroughly with clean water and dry with a soft cloth to prevent water spots.

7.2. Aerator Maintenance

- If water flow becomes restricted, the aerator may be clogged with debris.
- The M-Bition faucet features a recessed aerator. Use an aerator key (often included with the faucet or available separately) to remove it.
- Disassemble the aerator and rinse all parts under running water to remove any mineral deposits or debris.
- Reassemble the aerator and screw it back into the faucet spout.

8. Troubleshooting

This section addresses common issues you might encounter with your faucet. For problems not listed here, please contact Moen customer support.

Problem	Possible Cause	Solution
Low Water Flow	Clogged aerator; partially closed shut-off valves; debris in supply lines.	Clean aerator (see Maintenance); ensure shut-off valves are fully open; flush supply lines.
Leaking from Spout	Worn cartridge; debris in cartridge.	Replace or clean the Duralast cartridge. Contact Moen support for replacement parts.
Leaking at Base of Faucet	Loose mounting nuts; improper seal.	Tighten mounting nuts from underneath the sink; ensure gasket is properly seated.
No Hot/Cold Water	Shut-off valve closed; supply line kinked; water heater issue.	Check that hot/cold shut-off valves are open; inspect supply lines; verify water heater operation.

No official product videos with 'Seller' creator type were found in the provided data to embed in this manual.

9. Warranty & Support

Moen stands behind the quality of its products. The Moen M-Bition One-Handle Lavatory Faucet is backed by a **Lifetime Limited Warranty** against leaks, drips, and finish defects to the original consumer purchaser. This warranty ensures that your faucet will remain free of defects in material and manufacturing workmanship for as long as the original consumer purchaser owns their home.

For complete warranty details, product registration, or technical assistance, please visit the official Moen website or contact Moen customer service directly. When contacting support, please have your model number (8432F05) and proof of purchase readily available.

Moen Customer Support:

- **Website:** www.moen.com
- **Phone:** Refer to Moen's official website for regional contact numbers.

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