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Moen 8113

Moen 8113 Commercial M-Dura Two-Handle Laboratory Faucet User Manual

Model: 8113 | Brand: Moen

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Moen 8113 Commercial M-Dura Two-Handle Laboratory Faucet. Please read this manual thoroughly before beginning installation or operation to ensure proper function and longevity of your product.





Figure 1: Moen 8113 Commercial M-Dura Two-Handle Laboratory Faucet, shown in chrome finish with two lever handles and a high-arc spout.

SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance of your faucet. It is recommended that installation be performed by a qualified professional.

Pre-Installation Checklist:

- Ensure all necessary components are present as listed in the packaging.
- Verify that the mounting surface has a minimum diameter hole of 1-5/16 inches for single-hole installation.
- Confirm access to 3/8-inch compression supply lines.
- Turn off the main water supply before beginning installation.

Installation Steps:

1. **Prepare the Mounting Surface:** Clean the area where the faucet will be installed. Ensure the hole is clear and correctly sized.
2. **Install the Faucet Body:** Insert the faucet body into the mounting hole. Secure it from underneath the counter using the

provided mounting hardware. Tighten securely to prevent movement.

3. **Connect Water Supply Lines:** Attach the 3/8-inch stainless steel supply lines to the hot and cold water connections. Ensure connections are tight to prevent leaks. The faucet includes 15-inch supply lines.
4. **Connect Drain Assembly (if applicable):** Follow the instructions provided with your drain assembly for proper connection to the faucet.
5. **Test for Leaks:** Slowly turn on the main water supply. Check all connections for any signs of leakage. If leaks are detected, tighten the connections as needed.
6. **Flush the System:** Run both hot and cold water through the faucet for several minutes to clear any debris from the lines.



Figure 2: Example of a Moen faucet installed in a laboratory environment, demonstrating typical usage.

OPERATING INSTRUCTIONS

The Moen 8113 faucet features a two-handle lever design for precise control of water temperature and flow.

Water Flow and Temperature Control:

- **Hot Water:** The left lever handle controls the hot water. Turn the handle a 1/4 turn counter-clockwise to open the hot water flow.
- **Cold Water:** The right lever handle controls the cold water. Turn the handle a 1/4 turn clockwise to open the cold water flow.
- **Temperature Adjustment:** Mix hot and cold water by adjusting both lever handles simultaneously to achieve the desired temperature.
- **Flow Rate:** The faucet is equipped with a flow aerator limiting the maximum flow rate to 2.2 gallons per minute (gpm).
- **Indicators:** Hot and cold color indicators are present on the handles for easy identification.

MAINTENANCE AND CARE

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

Cleaning the Finish:

- Clean the chrome finish with a soft, damp cloth and mild soap.
- Avoid 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.

Cartridge Maintenance:

- The faucet features a heavy-duty quarter turn ceramic disc cartridge. These are designed for durability and typically require minimal maintenance.
- In case of persistent drips or leaks, the cartridge may need inspection or replacement. Consult a qualified plumber or Moen customer support for assistance.

Vandal Resistance:

- The faucet is equipped with vandal-resistant screws to deter tampering. Special tools may be required for servicing these components.

TROUBLESHOOTING

This section addresses common issues you might encounter with your faucet.

Problem	Possible Cause	Solution
Low Water Flow	Clogged aerator	Remove and clean the aerator.
	Partially closed shut-off valves	Ensure shut-off valves under the sink are fully open.
	Debris in supply lines	Flush supply lines (consult a plumber if necessary).
Leaking from Spout	Worn cartridge	Replace the ceramic disc cartridge.
	Loose connections	Check and tighten all connections.
Difficulty Turning Handles	Mineral buildup	Clean around the handle base.
	Worn cartridge	Consider replacing the cartridge.

If you are unable to resolve an issue using these steps, please contact Moen Customer Support or a qualified plumber.

SPECIFICATIONS

Feature	Detail
Brand	Moen
Model Name	M-DURA
Part Number	8113
Recommended Uses	Bathroom, Laboratory
Mounting Type	Single Mount, Single Hole Installation
Finish Type	Chrome
Material	Brass, Stainless Steel
Color	Chrome
Number of Handles	2
Handle Type	Lever
Included Components	Faucet
Maximum Flow Rate	2.2 Gallons Per Minute
Valve Type	Disc Valve (Ceramic)
Spout Height	14.75 Inches
Spout Reach	5.25 Inches

Feature	Detail
Item Weight	3.61 Pounds
Product Dimensions	12.8 x 9.63 x 3 inches
Special Features	Rust-Resistant, Vandal-Resistant
UPC	026508162279

WARRANTY INFORMATION

The Moen 8113 Commercial M-Dura Two-Handle Laboratory Faucet is backed by a **5 Year Limited Warranty**. This warranty covers defects in material and manufacturing for a period of five years from the date of purchase. For full details regarding warranty coverage, terms, and conditions, please refer to the official Moen warranty documentation or contact Moen Customer Support.

SUPPORT AND RESOURCES

For additional assistance, detailed diagrams, or to purchase replacement parts, please utilize the following resources:

- **Official User Guide (PDF):** [Download PDF User Guide](#)
- **Moen Brand Store:** Explore other Moen products and resources at the [Official Moen Store](#).
- **Customer Support:** Contact Moen customer service for technical support or warranty claims. Refer to the Moen website for current contact information.