

Moen 8314

Moen 8314 M-Power 1-1/4-Inch Urinal Battery Powered Electronic Flush Valve Instruction Manual

Model: 8314

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Moen 8314 M-Power 1-1/4-Inch Urinal Battery Powered Exposed Sensor-Operated Electronic Flush Valve. Please read these instructions carefully before installation and use to ensure proper function and longevity of the product.

The Moen 8314 features AccuSet piston technology for precise flush volume and a durable cast brass body with a chrome finish. It is designed for urinal applications and operates on battery power.

SAFETY INFORMATION

- Always turn off the main water supply before beginning any installation or maintenance.
- Wear appropriate personal protective equipment (PPE) such as safety glasses and gloves.
- Ensure all connections are secure to prevent leaks.
- If you are unsure about any part of the installation, consult a qualified plumber.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Moen 8314 M-Power Electronic Flush Valve (Chrome)
- Stops
- Installation hardware
- Instruction manual





Image: The Moen 8314 M-Power Urinal Flush Valve in chrome finish, showing the main unit and associated piping.

SPECIFICATIONS

Feature	Detail
Model Number	8314
Brand	Moen
Installation Type	Urinal, Exposed
Flush Volume	1.0 gpf (gallons per flush)
Power Source	Battery Powered (Batteries not included)
Material	Cast Brass
Finish	Chrome
Technology	AccuSet Piston Technology, Sensor-Operated
Mechanical Override	Yes
Overall Height	16.25 inches
Overall Width	7.25 inches
Product Weight	10.55 lbs

SETUP AND INSTALLATION

Before installation, ensure the water supply to the urinal is turned off. This flush valve is designed for exposed urinal installations.

Tools Required (Not Included):

- Adjustable wrench
- Screwdriver
- Pipe sealant tape

Installation Steps:

1. **Prepare Water Supply:** Ensure the water supply line is clean and free of debris. Apply pipe sealant tape to the threads of the water supply pipe.
2. **Install Stops:** Attach the included stops to the water supply line. Tighten securely but do not overtighten.
3. **Mount the Flush Valve:** Position the flush valve assembly onto the urinal. Connect the flush valve to the stops and the urinal inlet. Ensure all connections are hand-tight before using a wrench.
4. **Secure Connections:** Use an adjustable wrench to carefully tighten all connections. Avoid excessive force to prevent damage.
5. **Install Batteries:** Open the battery compartment (refer to diagram in physical manual if available) and insert the required batteries. Ensure correct polarity. (Note: Batteries are not included with the product).
6. **Check for Leaks:** Slowly turn on the main water supply. Inspect all connections for any signs of leaks. Tighten connections further if necessary.
7. **Test Operation:** Proceed to the "Operating Instructions" section to test the sensor and flush mechanism.



OPERATING INSTRUCTIONS

The Moen 8314 M-Power flush valve is sensor-operated, providing hands-free flushing. It also includes a mechanical override for manual flushing.

Sensor Operation:

- The sensor is located on the front of the flush valve body.
- When a user approaches the urinal, the sensor detects their presence.
- After the user departs, the sensor will trigger a flush cycle automatically.
- The AccuSet piston technology ensures a precise 1.0 gpf flush volume.

Mechanical Override:

- In case of power failure or if manual flushing is desired, a mechanical override button is provided.
- Locate the mechanical override button on the side of the flush valve.
- Press the button firmly to initiate a manual flush.





Image: A detailed view of the Moen 8314 M-Power flush valve, highlighting the sensor window and the mechanical override button.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your Moen 8314 flush valve.

Cleaning:

- Clean the chrome finish with a soft, damp cloth.
- Avoid abrasive cleaners, harsh chemicals, or scouring pads, as these can damage the finish.
- Periodically wipe the sensor window to ensure clear operation.

Battery Replacement:

- When the batteries are low, the flush valve may exhibit inconsistent flushing or stop functioning automatically.
- Turn off the water supply to the urinal before replacing batteries.
- Locate and open the battery compartment.
- Remove old batteries and dispose of them properly.
- Insert new batteries, ensuring correct polarity.
- Close the battery compartment and restore water supply.
- Test the flush valve operation.

AccuSet Piston Technology:

The AccuSet piston technology includes a stainless steel self-cleaning filter designed to protect against clogs and damage, minimizing maintenance requirements for the internal mechanism.



Image: A view of the internal piston assembly, which incorporates the AccuSet technology and self-cleaning filter for consistent performance.

TROUBLESHOOTING

This section addresses common issues you might encounter with your Moen 8314 M-Power flush valve.

Problem	Possible Cause	Solution
No Flush (Sensor)	<ul style="list-style-type: none">Low or dead batteriesSensor window obstructed or dirtyWater supply off	<ul style="list-style-type: none">Replace batteries.Clean sensor window.Ensure water supply is on.
Continuous Flush	<ul style="list-style-type: none">Sensor malfunctionDebris in valve	<ul style="list-style-type: none">Contact customer support.Turn off water supply and inspect valve for debris (professional assistance recommended).
Weak Flush	<ul style="list-style-type: none">Low water pressurePartially closed stop valveDebris in valve or filter	<ul style="list-style-type: none">Check building water pressure.Ensure stop valve is fully open.Inspect and clean the self-cleaning filter (AccuSet piston).

Leaks	<ul style="list-style-type: none">◦ Loose connections◦ Damaged seals/gaskets	<ul style="list-style-type: none">◦ Turn off water supply and tighten connections.◦ Turn off water supply and inspect/replace seals or gaskets.
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WARRANTY INFORMATION

Moen products are manufactured under the highest standards of quality and workmanship. For detailed warranty information, please refer to the official Moen website or contact Moen customer service. Keep your proof of purchase for warranty claims.

You can find more information at the official Moen website:www.moen.com

CUSTOMER SUPPORT

If you require further assistance or have questions not covered in this manual, please contact Moen customer support.

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

