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Moen 2510

Moen M-Pact PosiTemp Pressure Balancing Tub and Shower Valve User Manual

Model: 2510 | Brand: Moen

PRODUCT OVERVIEW

The Moen M-Pact PosiTemp Pressure Balancing Tub and Shower Valve (Model 2510) is designed to provide a consistent and safe showering experience by maintaining water temperature and pressure. This valve is a core component of your tub and shower system, allowing for future style upgrades without needing to replace the in-wall plumbing.



Image: The Moen 2510 PosiTemp Pressure Balancing Valve, showing its brass construction and connection points.

INSTALLATION AND SETUP

For detailed installation instructions, please refer to the official Installation Manual. This valve features standard ½ inch IPS connections for straightforward integration into tub and shower systems.

The M-Pact Common Valve System simplifies future upgrades. Once this valve is installed, you can change the trim style or finish of your fixtures without accessing the in-wall plumbing. All changes can be made from the front of the wall, saving time and effort.

- **Connection Type:** 1/2-inch IPS (Iron Pipe Size) connections.
- **Ports:** This valve features four ports for water distribution.
- **Plaster Ground:** Includes a plaster ground for effortless flush-to-wall installation.
- **Cartridge:** The 1222 cartridge is designed to accommodate back-to-back installations.



Image: The Moen 2510 valve shown with its protective black cover, typically used during the rough-in phase of installation.



Image: A person installing the decorative trim kit over a Moen PosiTemp valve, demonstrating the ease of finishing the installation.

Important: Always ensure water supply is turned off before beginning any installation or maintenance.
For the complete installation guide, download the PDF: [Installation Manual \(PDF\)](#)

OPERATING INSTRUCTIONS

The PosiTemp pressure-balancing control valve is designed to maintain consistent water temperature. This feature helps prevent sudden temperature changes, such as those caused by toilet flushing or other water usage in the household, ensuring a safer and more comfortable shower or bath.

- **Temperature Control:** Rotate the handle (part of the trim kit, sold separately) to adjust the water temperature.
- **Pressure Balancing:** The valve automatically adjusts water pressure to maintain your selected temperature, even with fluctuations in hot or cold water supply.

MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your Moen valve. While the valve itself is designed for durability, the cartridge may require occasional attention.

- **Cartridge Replacement:** If you experience issues with water flow or temperature control, the internal 1222 cartridge may need to be inspected or replaced. Thanks to the M-Pact system, this can be done easily from the front of the wall without disturbing the plumbing.
- **Cleaning:** Avoid using abrasive cleaners on any exposed parts of the valve or trim. Use a soft cloth and mild soap and water for cleaning.
- **Flushing:** After initial installation or any major plumbing work, it is recommended to flush the valve to prevent debris from causing issues.

TROUBLESHOOTING

If you encounter issues with your Moen PosiTemp valve, consider the following common solutions:

| Problem | Possible Cause | Solution |
|--------------------------------|---|--|
| Inconsistent Water Temperature | Faulty PosiTemp cartridge or debris in the valve. | Inspect or replace the 1222 cartridge. Ensure water lines are flushed. |
| Low Water Flow | Clogged cartridge or supply lines. | Clean or replace the cartridge. Check for kinks or blockages in supply lines. |
| Leaking from Valve | Damaged O-rings or improperly seated cartridge. | Ensure cartridge is properly seated. Replace O-rings or the entire cartridge if necessary. |

If problems persist, it is recommended to contact a qualified plumber or Moen customer support for assistance.

SPECIFICATIONS

Model Number: 2510

Material: Brass

Inlet Connection Size: 0.5 Inches

Inlet Connection Type: Female Iron Pipe

Outlet Connection Size: 0.5 Inches

Outlet Connection Type: FNPT

Number of Ports: 4

Valve Type: Cartridge (1222)

Product Dimensions: 7 x 7 x 6 inches

Item Weight: 1.46 pounds

Compliance: Meets ASSE performance requirements.

WARRANTY AND SUPPORT

The Moen M-Pact PosiTemp Pressure Balancing Tub and Shower Valve is backed by Moen's **Limited Lifetime Warranty** against leaks, drips, and finish defects for residential use. This warranty reflects Moen's commitment to quality and durability.

For warranty claims, technical support, or replacement parts, please visit the official Moen website or contact their customer service department. Keep your proof of purchase for warranty validation.