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Moen 2551

Moen PosiTemp Pressure Balancing Built-in 3 Function Transfer Water Valve User Manual

Model: 2551

INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your Moen PosiTemp Pressure Balancing Built-in 3 Function Transfer Water Valve, Model 2551. Designed for performance and durability, this valve is an essential component for customizing your shower experience, seamlessly controlling multiple water outlets, and maintaining consistent water temperature.



Figure 1: Moen PosiTemp Pressure Balancing Built-in 3 Function Transfer Water Valve (Model 2551)

KEY FEATURES

- **MOEN M-PACT Common Faucet Valve System:** Allows for future faucet style updates without replacing any plumbing.
- **Connection Size:** The diverter valve includes 1/2" (0.5 inch) IPS/CC connections on the inlets and outlets.
- **Multi-Functional:** The built-in transfer valve directs water flow to 2 showering devices.
- **Versatile Usage:** The Moen shower valve has two functions that can run independently of one another or simultaneously.
- **Pressure Balancing:** The PosiTemp valve helps maintain water pressure and temperature even when other water sources are in use, preventing sudden bursts of hot or cold water.
- **Trusted Performance:** Moen's water valve is backed by a Limited Lifetime Warranty.

SPECIFICATIONS

| Attribute | Detail |
|--------------------------------|------------------------|
| Brand | Moen |
| Model Number | 2551 |
| Material | Brass |
| Product Dimensions (L x W x H) | 2.25 x 4.31 x 8 inches |
| Item Weight | 3.23 pounds |
| Inlet Connection Size | 1/2 Inches |
| Inlet Connection Type | CC; IPS |
| Number of Ports | 4 |
| Valve Type | Cartridge |
| Included Components | Rough-in valve |
| Finish | Unfinished |
| Usage | Inside |

SETUP AND INSTALLATION

The Moen PosiTemp 3 Function Transfer Water Valve is designed for built-in installation within your plumbing system. Due to the complexity of plumbing installations, it is highly recommended that this product be installed by a qualified, licensed professional plumber to ensure proper function, compliance with local codes, and to maintain the product's warranty.

General Installation Considerations:

- Water Supply:** Ensure main water supply is turned off before beginning any installation.
- Rough-in:** The valve is a rough-in component, meaning it is installed within the wall before the final trim kit is applied.
- Connections:** Utilize the 1/2" IPS/CC connections for secure and leak-free plumbing.
- Trim Kit Compatibility:** This valve is compatible with Moen M-CORE trim kits (sold separately). Ensure you have the correct trim kit for your desired setup.
- Access:** Plan for future access to the valve for maintenance or cartridge replacement, if necessary.

Refer to the detailed installation guide provided with your Moen M-CORE trim kit for specific plumbing diagrams and step-by-step instructions relevant to your chosen setup.

OPERATING INSTRUCTIONS

The Moen PosiTemp 3 Function Transfer Water Valve allows you to control water flow to multiple showering devices and maintain a consistent temperature. Operation is typically managed via the trim kit handles installed over the valve.

Temperature Control:

The PosiTemp pressure-balancing technology automatically adjusts water pressure to maintain a consistent temperature, even if other water sources in your home are used. Rotate the temperature handle (part of your trim kit) to adjust the water temperature to your desired setting. Turning counter-clockwise typically increases hot water, while clockwise decreases it.

Divertor Function (Water Flow Control):

This valve features a 3-function diverter, allowing you to direct water to two independent showering devices or use both simultaneously. The specific operation will depend on your trim kit, but generally involves rotating or pulling a diverter handle to select the desired output:

- **Function 1:** Directs water to the primary showering device (e.g., showerhead).
- **Function 2:** Directs water to the secondary showering device (e.g., handshower or body sprays).
- **Function 3 (Shared):** Allows water to flow to both primary and secondary showering devices simultaneously.

Familiarize yourself with the specific markings and operation of your Moen M-CORE trim kit for precise control.

MAINTENANCE

Proper maintenance will ensure the longevity and optimal performance of your Moen PosiTemp valve. While the valve itself is largely maintenance-free once installed, regular care of your shower system is recommended.

General Care:

- **Cleaning:** Clean your shower trim and fixtures regularly with a soft cloth and mild, non-abrasive cleaner. Avoid harsh chemicals or abrasive pads that can damage the finish.
- **Water Quality:** In areas with hard water, mineral deposits can build up over time. Regular cleaning of showerheads and handshowers can prevent blockages.
- **Cartridge Replacement:** While designed for durability, the internal cartridge may eventually require replacement due to wear or mineral buildup. Symptoms include inconsistent temperature, reduced flow, or difficulty turning the handle. Moen PosiTemp cartridges are designed for easy replacement.

For specific cartridge replacement instructions, consult Moen's official website or contact their customer support.

TROUBLESHOOTING

If you experience issues with your Moen PosiTemp valve, consider the following common troubleshooting steps. For complex issues, professional assistance is recommended.

Common Issues and Solutions:

| Problem | Possible Cause | Solution |
|---------|----------------|----------|
|---------|----------------|----------|

| | | |
|---------------------------------|--|--|
| Inconsistent Water Temperature | Faulty PosiTemp cartridge; mineral buildup in cartridge. | Replace the PosiTemp cartridge. Ensure proper installation of the cartridge. |
| Low Water Flow | Debris in the valve or showerhead; partially closed shut-off valves. | Clean showerhead/handshower. Check if the main water supply or any inline shut-off valves are fully open. Consider flushing the lines. |
| Water Leaking from Trim | Loose trim plate; worn O-rings or seals in the cartridge. | Ensure trim plate is securely fastened. If leaking persists, the cartridge or its seals may need replacement. |
| Divertor Not Switching Properly | Divertor cartridge issue; debris. | Inspect and clean the divertor mechanism. If necessary, replace the divertor cartridge. |

If these steps do not resolve the issue, contact Moen Customer Support or a qualified plumber.

WARRANTY AND SUPPORT

Your Moen PosiTemp Pressure Balancing Built-in 3 Function Transfer Water Valve is backed by Moen's **Limited Lifetime Warranty**. This warranty covers defects in material and manufacturing workmanship for the original consumer purchaser.

For detailed warranty information, to register your product, or for technical support, please visit the official Moen website or contact Moen Customer Service directly. Keep your proof of purchase for warranty claims.

Moen Customer Service: Refer to your product packaging or the Moen official website for the most current contact information (phone numbers, email, or online support portals).

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