

## Speakman SM-8000-P

# Speakman SM-8000-P Rainier Pressure Balance Shower Valve and Trim Kit User Manual

Model: SM-8000-P

## 1. INTRODUCTION

---

This manual provides instructions for the installation, operation, and maintenance of the Speakman SM-8000-P Rainier Pressure Balance Shower Valve and Trim Kit. Please read this manual thoroughly before installation and use to ensure proper function and safety.

## 2. SAFETY INFORMATION

---

### Important Safety Instructions:

- Always turn off the main water supply before beginning any installation or maintenance.
- Wear appropriate personal protective equipment, such as safety glasses and gloves.
- If you are unsure about any part of the installation process, consult a qualified plumber.
- Ensure all connections are secure to prevent leaks.
- This product is designed for its specified use. Do not modify or use for unintended purposes.
- The product contains materials known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65 warning).

## 3. PACKAGE CONTENTS

---

The Speakman SM-8000-P Rainier Pressure Balance Shower Valve and Trim Kit includes the following components:

- Rainier Pressure Balance Shower Valve
- Rainier Trim Kit (handle, escutcheon)
- Built-in check valves
- Ceramic temperature regulating cartridge

- Adjustable temperature limit stop
- Integral stops



*Image 1: Front view of the Speakman SM-8000-P Rainier Pressure Balance Shower Valve and Trim Kit. This image shows the polished chrome finish and square design of the valve and handle.*

## 4. SETUP AND INSTALLATION

---

Installation of the Speakman SM-8000-P Rainier Pressure Balance Shower Valve and Trim Kit requires plumbing knowledge. It is recommended that installation be performed by a qualified professional.

### 4.1 Pre-Installation Checks

- Verify that all package contents are present and undamaged.
- Ensure the main water supply to the installation area is turned off.
- Confirm that the wall cavity is prepared for a wall-mount installation.

### 4.2 Valve Installation

The pressure balance valve features compression inlet connections and NPT outlet connections. The valve body includes integral stops for service. Refer to the detailed installation guide provided with the product for specific plumbing and mounting instructions.



*Image 2: Angled view of the Speakman SM-8000-P Rainier Pressure Balance Shower Valve. This image highlights the square escutcheon and the handle's design.*

### **4.3 Trim Kit Installation**

Once the valve body is securely installed and plumbed, the trim kit components (escutcheon and handle) can be attached. Follow the specific instructions in the product's installation guide for proper alignment and fastening.



*Image 3: The Speakman SM-8000-P Rainier Pressure Balance Shower Valve and Trim Kit installed in a modern shower setting. This image provides context for the product's appearance in use.*

## 5. OPERATING INSTRUCTIONS

---

The Speakman SM-8000-P Rainier Pressure Balance Shower Valve is designed for ease of use and consistent water temperature.

### 5.1 Water Flow and Temperature Control

- **Turning On/Off:** Rotate the handle to turn the water flow on or off.
- **Temperature Adjustment:** Rotate the handle to adjust the water temperature. The pressure balance valve automatically maintains a consistent water temperature, preventing sudden changes due to fluctuations in hot or cold water supply pressure.
- **Anti-Scald Feature:** The integrated anti-scald pressure balance valve protects against sudden temperature spikes, ensuring user safety.

### 5.2 Adjustable Temperature Limit Stop

The valve is equipped with an adjustable temperature limit stop. This feature allows you to set the maximum hot water temperature to prevent accidental scalding. Consult the detailed installation guide for instructions on how to adjust this limit stop.

## 6. MAINTENANCE

---

Regular cleaning and inspection will help maintain the appearance and functionality of your Speakman shower valve.

### 6.1 Cleaning the Finish

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

### 6.2 Internal Components

The ceramic temperature regulating cartridge is designed for long-lasting performance. If you experience issues with temperature control or water flow, it may indicate a need for cartridge inspection or replacement. Consult a qualified plumber for internal component maintenance.

## 7. TROUBLESHOOTING

---

This section addresses common issues you might encounter with your shower valve.

Problem	Possible Cause	Solution
Inconsistent water temperature or sudden changes.	Pressure imbalance in hot/cold water lines; faulty pressure balance cartridge.	Ensure water supply lines have adequate and balanced pressure. If problem persists, the pressure balance cartridge may need inspection or replacement by a professional.
Water flow is too low.	Partially closed integral stops; debris in the valve or showerhead; low main water pressure.	Check if the integral stops on the valve body are fully open. Clean the showerhead. Verify main water pressure.
Valve leaks from connections.	Loose connections; damaged seals.	Turn off water supply. Carefully tighten connections. If leaks persist, seals may need replacement. Consult a plumber.
Water does not get hot enough.	Adjustable temperature limit stop set too low; insufficient hot water supply.	Adjust the temperature limit stop (refer to installation guide). Check your water heater settings.

## 8. SPECIFICATIONS

---

Key specifications for the Speakman SM-8000-P Rainier Pressure Balance Shower Valve and Trim Kit:

- **Model Number:** SM-8000-P
- **Brand:** Speakman

- **Material:** Brass, Plastic, Zinc
- **Exterior Finish:** Polished Chrome
- **Item Dimensions (L x W x H):** 13.75 x 9.75 x 8 inches
- **Item Weight:** 4.65 pounds
- **Inlet Connection Type:** Compression
- **Outlet Connection Type:** NPT
- **Number of Ports:** 2
- **Number of Handles:** 1
- **Flow Rate:** 2 Gallons Per Minute
- **Mounting Type:** Wall Mount
- **Specification Met:** ADA
- **Style:** Non-Diverter Valve
- **Shape:** Square

## 9. WARRANTY INFORMATION

---

According to product information, there is **No Warranty** provided for this product.

## 10. CUSTOMER SUPPORT

---

For further assistance, technical support, or to inquire about replacement parts, please contact Speakman customer service. Refer to the official Speakman website or product packaging for current contact information. You can visit the [Speakman Store on Amazon](#) for more product information.