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› Riobel TRUTM45PN 3-Way Type T/P Coaxial Valve Trim Instruction Manual

Riobel TRUTM45PN

Riobel TRUTM45PN 3-Way Type T/P Coaxial Valve Trim

Model: TRUTM45PN | Brand: Riobel

INTRODUCTION

This instruction manual provides essential information for the safe and efficient installation, operation, and maintenance of your Riobel TRUTM45PN 3-Way Type Thermostatic/Pressure Balance Coaxial Valve Trim. Please read this manual thoroughly before beginning installation or use, and retain it for future reference. This product is designed to provide precise control over water temperature and flow for a comfortable showering experience.

SAFETY INFORMATION

Important: Always turn off the main water supply before attempting any installation, maintenance, or repair work. Failure to do so may result in water damage or personal injury. It is recommended that installation be performed by a qualified professional plumber to ensure compliance with local plumbing codes and proper functionality. Wear appropriate personal protective equipment, such as safety glasses, during installation.

SETUP AND INSTALLATION

The Riobel TRUTM45PN is a trim-only product, meaning it requires a compatible rough-in valve for complete functionality. The following rough-in valves are required: **R45, R45-SPEX, or R45-EX**. This trim is designed for wall-mount, centerset installation.

Pre-Installation Steps:

1. Ensure the main water supply to the installation area is completely shut off.
2. Verify that the correct rough-in valve (R45, R45-SPEX, or R45-EX) is already installed and properly secured within the wall.
3. Inspect all components of the trim kit for any damage or missing parts.

Installation Procedure:

While specific steps may vary slightly based on your rough-in valve model, the general procedure involves:

1. Carefully align the trim plate with the rough-in valve and secure it using the provided screws.

2. Install the thermostatic/pressure balance coaxial cartridge into the rough-in valve body. Ensure it is seated correctly.
3. Attach the single lever handle to the cartridge stem, ensuring proper orientation for the 6-position operation.
4. Test all connections for leaks by slowly turning on the main water supply.



Image of the Riobel TRUTM45PN 3-Way Type Thermostatic/Pressure Balance Coaxial Valve Trim, showing its brushed finish and single lever handle.

OPERATING INSTRUCTIONS

The Riobel TRUTM45PN valve trim features a single lever handle that controls both water temperature and flow, as well as output selection. The thermostatic/pressure balance coaxial cartridge with check valves ensures a consistent water temperature and protects against scalding due to sudden pressure changes.

Handle Positions:

The handle operates in 6 distinct positions, allowing for precise control over water flow and output selection:

- **OFF:** No water flow.
- **Position 1:** Activates output 1 (e.g., showerhead).

- **Position 1 and 2:** Activates both output 1 and output 2 simultaneously.
- **Position 2:** Activates output 2 (e.g., hand shower).
- **Position 2 and 3:** Activates both output 2 and output 3 simultaneously.
- **Position 3:** Activates output 3 (e.g., body jets or tub spout).

Temperature Adjustment:

Rotate the handle to adjust the water temperature. Typically, rotating counter-clockwise increases hot water, and clockwise increases cold water. The thermostatic function will maintain your desired temperature even if water pressure fluctuates.

MAINTENANCE

Regular cleaning and inspection will help maintain the appearance and functionality of your Riobel valve trim.

Cleaning:

- Clean the brushed finish with a soft, damp cloth.
- Avoid using abrasive cleaners, harsh chemicals, or scouring pads, as these can damage the finish.
- For stubborn spots, use a mild soap solution and rinse thoroughly.

Inspection:

- Periodically check for any signs of leaks around the trim plate or handle base.
- Ensure the handle operates smoothly through all 6 positions.
- If you notice a significant change in water temperature stability or flow, the coaxial cartridge may require inspection or replacement by a qualified professional.

TROUBLESHOOTING

If you encounter issues with your Riobel TRUTM45PN valve trim, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No water flow or low pressure	Main water supply off; clogged rough-in valve or cartridge; debris in lines.	Check main water supply. Consult a plumber to inspect the rough-in valve and cartridge for obstructions.
Inconsistent water temperature	Issue with thermostatic cartridge; hot/cold water supply imbalance.	Ensure hot and cold water supplies are fully open. If problem persists, the cartridge may need servicing or replacement by a professional.
Leaking from handle or trim plate	Loose connections; damaged O-rings or seals in cartridge.	Ensure trim plate screws are snug. If leaking continues, the cartridge or its seals may need replacement. Contact a plumber.
Handle difficult to turn	Mineral buildup; worn cartridge.	Clean around the handle base. If stiffness persists, the cartridge may need replacement.

For issues not listed here or if troubleshooting steps do not resolve the problem, please contact a qualified

plumber or Riobel customer support.

SPECIFICATIONS

- **Brand:** Riobel
- **Model Name:** TRUTM45PN
- **Mounting Type:** Wall Mount
- **Finish Type:** Brushed (PN)
- **Material:** Metal, Plastic (Handle Material: Brass)
- **Number of Handles:** 1
- **Included Components:** 3-way Type T/P (thermostatic/pressure balance) coaxial valve trim
- **Installation Type:** Centerset
- **Handle Type:** Lever
- **UPC:** 883186078854
- **GTIN:** 883186078854
- **ASIN:** B016EWAHVO

WARRANTY AND SUPPORT

For specific warranty information regarding your Riobel TRUTM45PN valve trim, please refer to the documentation provided at the time of purchase or visit the official Riobel website. Warranty terms and conditions may vary by region and product. For technical support, replacement parts, or further assistance, please contact Riobel customer service directly or consult your authorized Riobel dealer.

Riobel Official Website: www.riobel.ca