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Kohler TS462-4V-BV

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Model: TS462-4V-BV

PRODUCT OVERVIEW

The Kohler TS462-4V-BV Memoirs Stately Rite-Temp Shower Valve Trim with Deco Lever Handle and 2.5 GPM Showerhead is designed to provide a consistent and comfortable showering experience. This trim kit includes a faceplate with an ADA-compliant metal deco lever handle.

- **Pressure-Balancing Technology:** Features pressure-balancing diaphragm technology to maintain outlet temperature within +/-3 degrees Fahrenheit during water pressure fluctuations.
- **Temperature Regulation:** Provides precise temperature regulation and automatic anti-scald protection for user safety.
- **Single Handle Control:** A single handle controls both on/off activation and temperature settings, simplifying operation.

SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance of your Kohler shower valve trim. This product requires a compatible Rite-Temp pressure-balancing valve body and cartridge kit, which are sold separately. Ensure you select the correct valve for your application.

Required Rite-Temp Valve System

For maximum benefits, ensure you have selected the correct valve required for your shower trim. Two common options are available:



Image showing the K-8304-K-NA valve system (typically for residential use) and the K-8304-KS-NA valve system (includes integral service stops, typically for hospitality or multi-family applications).

Installation Steps Overview

The installation process generally involves three main steps:

1. Install the Valve Body.
2. Install the Cartridge.
3. Install the Trim.

REQUIRED

Rite-Temp® Valve System

Pressure-balancing valve body and cartridge kit

For maximum benefits, ensure you've selected the correct valve required for your shower trim.

K-8304-K-NA

Typically used in residential applications.



OR

K-8304-KS-NA

Includes integral service stops which allow water to be shut off at the valve for service or maintenance.

Typically used in hospitality or multi-family applications



KOHLER®

Diagram illustrating the three main components and their installation sequence: Valve Body, Cartridge, and Trim.

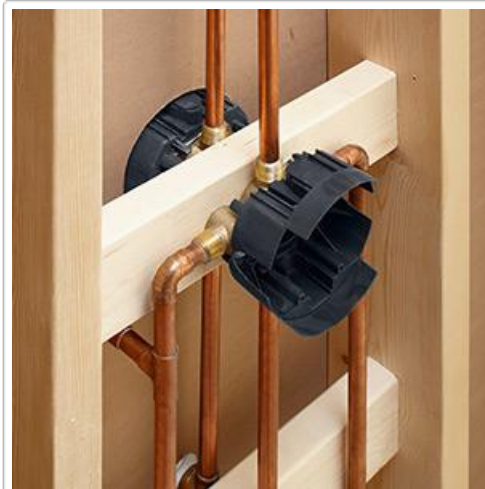


Image showing a Kohler valve body correctly installed within wall framing, ready for plumbing connections.

Valve Connections

The valve body supports various connection types to accommodate different plumbing systems.

Valve Connections



Universal NPT

Connections allow for direct sweat or NPT installation



PEX Crimp (F1807)



PEX Expansion (F1960)



Female NPT

Connections for use with CPVC fittings



Sweat-Only

Diagram illustrating different valve connection options including Universal NPT, PEX Crimp (F1807), PEX Expansion (F1960), Female NPT (for CPVC fittings), and Sweat-Only connections.

For detailed installation instructions, please refer to the official Kohler installation manual available as a PDF: [Download Installation Manual \(PDF\)](#).

OPERATING INSTRUCTIONS

The Kohler TS462-4V-BV shower valve trim is designed for simple and intuitive operation.

- **On/Off and Temperature Control:** The single lever handle controls both the water flow (on/off) and the water temperature. Rotate the handle to adjust temperature and pull/push to turn water on/off.
- **Consistent Temperature:** The Rite-Temp pressure-balancing technology automatically maintains your desired water temperature, minimizing fluctuations caused by changes in water pressure from other household fixtures.
- **Anti-Scald Protection:** The valve includes an anti-scald feature that prevents the water from reaching dangerously high temperatures, enhancing user safety.

CARE AND MAINTENANCE

To maintain the finish and performance of your Kohler shower valve trim, follow these care guidelines:

Care & Maintenance

Keep your KOHLER® showering products looking brand new throughout their lifetime with KOHLER Premium Faucet Cleaner

Removes dirt, grime, and other residue to restore appearance.

Streak-free shine keeps products looking new.

Safe on all KOHLER faucet finishes.

Ammonia and alcohol free.

Available in a 28 fl oz spray bottle.

For best results, hold the sprayer 6"-8" from the surface and spray the area. Then, wipe with a dry towel or cloth.

FAUCET CLEANER
SKU # K-EC23723-NA

THE BOLD LOOK
OF **KOHLER®**

Image demonstrating the use of Kohler Premium Faucet Cleaner to maintain the appearance of a shower faucet.

- **Regular Cleaning:** Clean your product regularly with a soft, damp cloth and a mild soap or a specialized faucet cleaner like KOHLER Premium Faucet Cleaner.
- **Avoid Harsh Cleaners:** Do not use abrasive cleaners, scouring pads, or cleaners containing ammonia, bleach, or alcohol, as these can damage the finish.
- **Drying:** After cleaning, rinse thoroughly and dry with a soft cloth to prevent water spots and maintain the vibrant brushed bronze finish.
- **Showerhead Maintenance:** Periodically clean the showerhead nozzles to remove mineral buildup. Many Kohler showerheads feature flexible silicone nozzles that can be easily wiped clean.

TROUBLESHOOTING

If you encounter issues with your shower valve trim, consider the following common troubleshooting steps:

- **Low Water Flow:** Check if the main water supply is fully open. Inspect the showerhead for mineral buildup and clean the nozzles if necessary. Ensure the valve cartridge is properly seated and free of debris.
- **Inconsistent Water Temperature:** Verify that the hot and cold water supply lines are connected correctly. If the temperature fluctuates significantly, the pressure-balancing cartridge may need inspection or replacement. Ensure the temperature limit stop is set correctly.
- **Leaking:** A persistent drip or leak from the showerhead or handle often indicates a worn-out cartridge. The cartridge may need to be replaced. Ensure all connections are tight and properly sealed.
- **Handle Stiffness:** If the handle is difficult to turn, mineral buildup or a worn O-ring might be the cause. Cleaning or lubricating the moving parts of the cartridge may resolve this.

For more complex issues or if troubleshooting steps do not resolve the problem, it is recommended to contact

a qualified plumber or Kohler customer service.

SPECIFICATIONS

Feature	Specification
Brand	Kohler
Model Number	TS462-4V-BV
Finish Type	Vibrant Brushed Bronze
Material	Metal (Brass Handle)
Included Components	Memoirs Stately Shower Trim, Deco Lever Handle
Mounting Type	Wall Mount
Item Weight	3.9 pounds
UPC	885612376947
GTIN	00885612376947
Flow Rate	2.5 GPM (Gallons Per Minute)

WARRANTY AND SUPPORT

Kohler products are manufactured with high-quality standards and craftsmanship. For specific warranty details regarding your TS462-4V-BV Memoirs Stately Rite-Temp Shower Valve Trim, please refer to the warranty information included with your product packaging or visit the official Kohler website.

For technical assistance, replacement parts, or any other inquiries, please contact Kohler Customer Service:

- **Website:** Visit www.kohler.com for support resources, FAQs, and contact information.
- **Phone:** Refer to your product documentation for the appropriate customer service phone number for your region.