BWE 5012-BG-2

BWE Brushed Gold 12-Inch Square Rain Mixer Shower System

Model: 5012-BG-2

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your BWE Brushed Gold 12-Inch Square Rain Mixer Shower System. Please read all instructions carefully before beginning installation and retain this manual for future reference. Proper installation and care will ensure optimal performance and longevity of your shower system.



Figure 1: BWE Brushed Gold 12-Inch Square Rain Mixer Shower System, showcasing the rain shower head and handheld unit.

Safety Information

Please observe the following safety precautions during installation and use:

- **Professional Installation Recommended:** If you are unfamiliar with plumbing installations, it is highly recommended to consult a qualified professional.
- **Water Supply:** Ensure the main water supply is turned off before beginning any installation or maintenance.
- **Water Pressure:** Verify that your home's water pressure is within acceptable limits for shower systems to prevent damage or malfunction.
- **Temperature Control:** The pressure balance valve is designed to prevent scalding. Always test water temperature before entering the shower.
- **Tools:** Use appropriate tools for installation. Avoid overtightening connections, which can cause damage.

- **Chemicals:** Do not use harsh chemicals or abrasive cleaners on the product's finish.

Package Contents

Verify that all components are present and undamaged before installation:

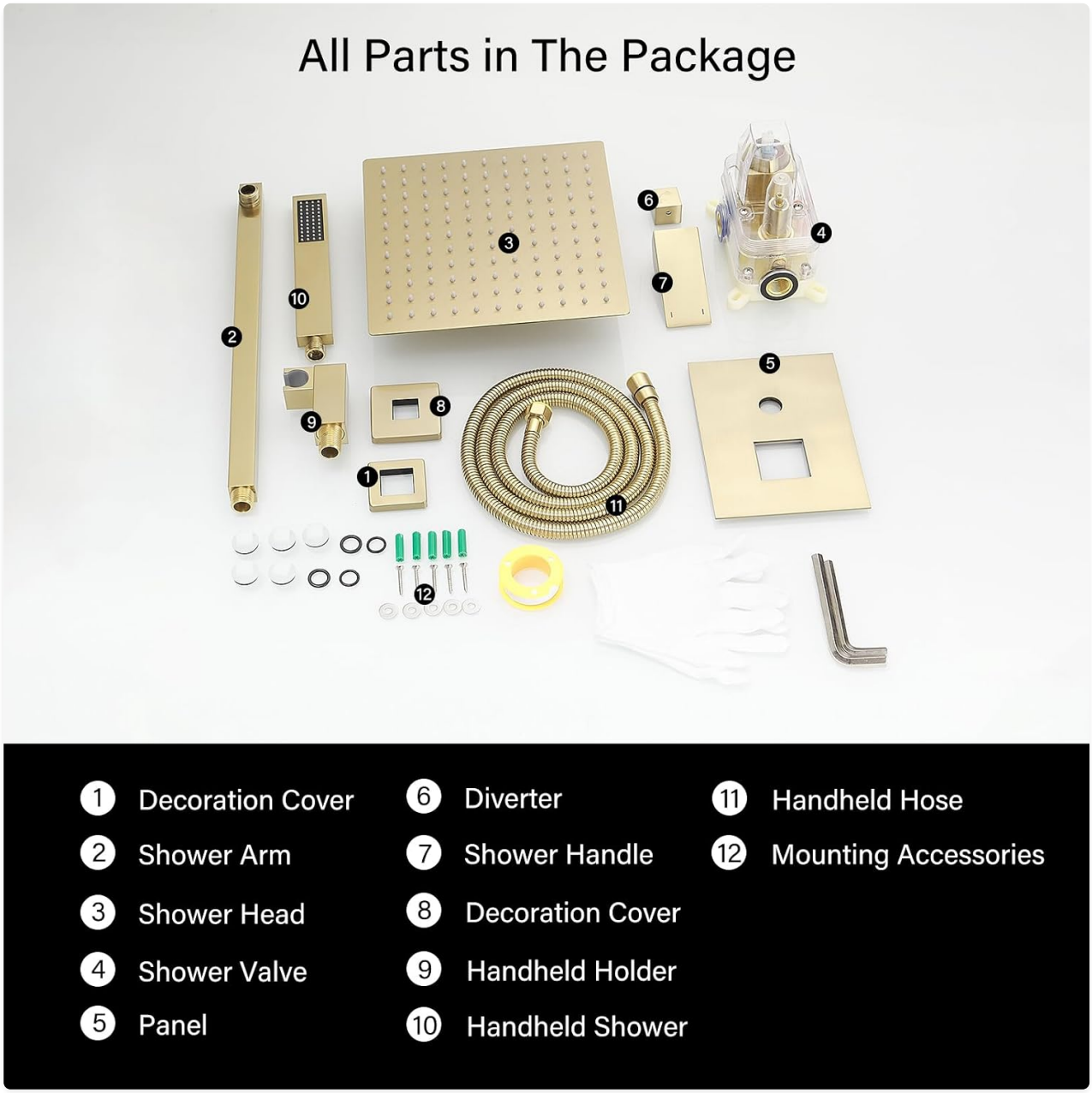


Figure 2: Exploded view of all components included in the shower system package.

1. Decoration Cover
2. Shower Arm
3. Shower Head (12-inch Square Rain Shower Head)
4. Shower Valve (Rough-in Valve Body)
5. Panel (Control Panel Trim)
6. Diverter
7. Shower Handle (Temperature/Flow Control Handle)

8. Decoration Cover
9. Handheld Holder
10. Handheld Shower Head
11. Handheld Hose
12. Mounting Accessories (screws, anchors, Teflon tape)

Product Dimensions

Refer to the diagram below for detailed measurements of the shower system components:



Figure 3: Key dimensions for the BWE Shower System components.

- **Rain Shower Head:** 12 inches x 10 inches
- **Shower Arm Length:** 12 inches
- **Shower Arm Height:** 2.44 inches

- **Control Panel Trim:** 7.48 inches (height) x 5.51 inches (width)
- **Handheld Shower Head Length:** 7.87 inches
- **Handheld Shower Head Width:** 1.38 inches
- **Handheld Holder Depth:** 2.05 inches

Installation Guide

This section outlines the general steps for installing your BWE Shower System. For specific plumbing requirements and local codes, consult a professional plumber.

Pre-Installation

1. Turn off the main water supply to your home.
2. Clear the installation area and ensure you have all necessary tools and components.
3. Familiarize yourself with the components and their connections.

Rough-in Valve Installation

The shower system uses standard 1/2 NPT tapered threads for connections.

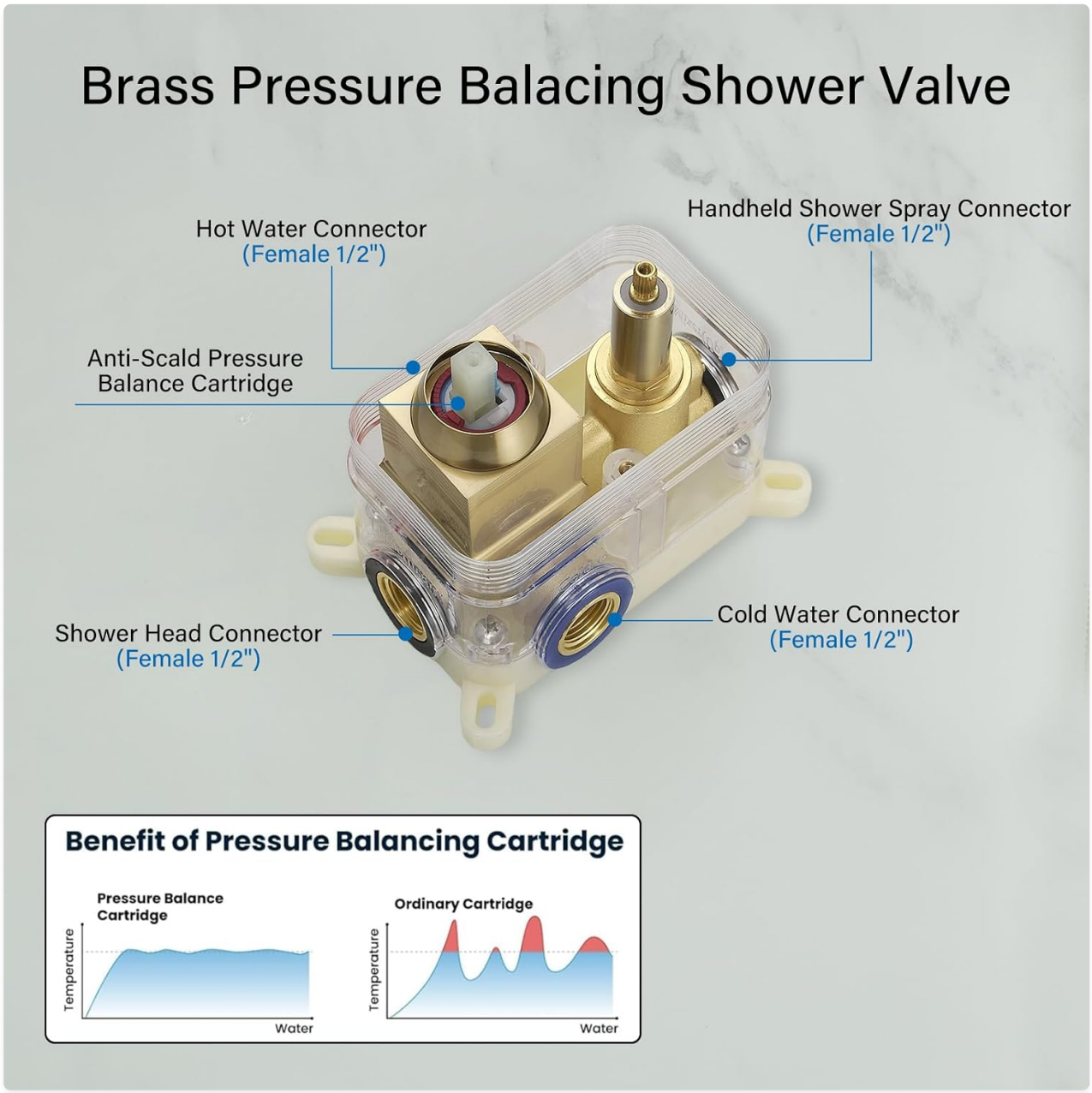


Figure 4: Brass pressure balancing shower valve with labeled connections.

4. Install the rough-in valve body (4) into the wall according to standard plumbing practices. Ensure it is level and securely mounted.
5. Connect the hot water supply to the 'Hot Water Connector (Female 1/2")' and the cold water supply to the 'Cold Water Connector (Female 1/2")'.
6. Connect the shower head pipe to the 'Shower Head Connector (Female 1/2")' and the handheld shower pipe to the 'Handheld Shower Spray Connector (Female 1/2")'.
7. Test all connections for leaks before closing the wall.

Trim Installation

8. Install the shower arm (2) and shower head (3) to the wall outlet. Use Teflon tape on threaded connections.
9. Attach the handheld holder (9) and handheld shower head (10) with its hose (11) to the designated wall connection.
10. Mount the control panel trim (5) over the rough-in valve, securing it with the provided mounting accessories (12).
11. Install the diverter (6) and shower handle (7) onto the valve stem, ensuring they operate smoothly.

Installation Video

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Video 1: A demonstration of the installation process for a similar shower system, highlighting key steps.

Operating Instructions

Your BWE Shower System offers two functions: the overhead rain shower and the handheld shower. The system features a pressure balance valve for consistent water temperature.



Figure 5: Shower mixer valve control for temperature and function selection.

1. **Turn On/Off Water:** Rotate the main handle (7) to turn the water on or off.
2. **Adjust Temperature:** Rotate the main handle left for hot water ('H') and right for cold water ('C'). The pressure balance valve maintains a consistent temperature once set, protecting against sudden changes in water pressure.

3. **Select Shower Function:** Use the diverter knob (6) to switch between the overhead rain shower head and the handheld shower head.
4. **Rain Shower Head:** The 12-inch square rain shower head utilizes air pressure technology to mix water with air, providing a natural rain experience with a flow rate up to 2.5 GPM. The angle of the rain shower head is adjustable.
5. **Handheld Shower Head:** The handheld shower head provides focused water flow and can be removed from its holder for targeted rinsing or cleaning.

Operation Video

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Video 2: A demonstration of the shower system's functions, including temperature and flow control.

Care and Maintenance

To maintain the brushed gold finish and ensure optimal performance of your BWE Shower System, follow these care guidelines:

- **Cleaning the Finish:** Clean the brushed gold surfaces regularly with a soft, damp cloth and mild soap. Rinse thoroughly with clean water and dry with a soft towel to prevent water spots.
- **Avoid Harsh Cleaners:** Do not use abrasive cleaners, scouring pads, ammonia-based cleaners, or any products containing bleach, acids, or harsh chemicals. These can damage the finish and void your warranty.
- **Cleaning Nozzles:** The rain shower head and handheld shower head feature silicone nozzles designed for easy cleaning. Periodically rub the nozzles with your finger or a soft brush to dislodge any mineral buildup.
- **Regular Inspection:** Periodically check all connections for leaks and tighten if necessary. Inspect the shower hose for any signs of wear or damage.

Troubleshooting

If you encounter issues with your shower system, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Low Water Pressure	Clogged shower head nozzles; partially closed shut-off valve; low household water pressure.	Clean shower head nozzles by rubbing them; ensure shut-off valves are fully open; consult a plumber for household water pressure issues.
Water Leaks	Loose connections; damaged O-rings or gaskets; improper installation.	Tighten all connections (do not overtighten); replace worn O-rings or gaskets; re-evaluate installation steps.

Problem	Possible Cause	Solution
Inconsistent Water Temperature	Pressure balance valve malfunction; hot/cold water supply issues.	Ensure the pressure balance valve cartridge is correctly installed; check hot and cold water supply lines; if issues persist, contact customer support or a plumber.
Diverter Not Switching Functions	Diverter cartridge issue; debris in the diverter.	Inspect the diverter mechanism for obstructions; if necessary, replace the diverter cartridge.

Technical Specifications

- **Model Number:** 5012-BG-2
- **Brand:** BWE
- **Color:** Brushed Gold
- **Finish Type:** Brushed
- **Main Material:** Brass (faucet body, handheld head, shower holder, water control valve)
- **Rain Shower Head Material:** 304 Stainless Steel
- **Shower Hose Material:** PVC
- **Number of Handles:** 1
- **Mounting Type:** Wall Mount
- **Head Size:** 12 inches (Square Rain Shower Head)
- **Flow Rate:** Up to 2.5 GPM (Rain Shower Head)
- **Connection Threads:** Standard 1/2 NPT Tapered Threads
- **Item Weight:** 5.5 Kilograms

Warranty Information

BWE products are manufactured to high-quality standards and are backed by a manufacturer's warranty. For specific warranty terms and conditions applicable to your product, please refer to the warranty card included in your package or visit the official BWE website. Keep your proof of purchase for warranty claims.

Customer Support

If you have any questions, require assistance with installation, or need to report a problem with your BWE Shower System, please contact our customer support team:

- **Website:** Visit the BWE Store on Amazon

- **Email:** Refer to your product packaging or the BWE website for direct contact information.
- **Phone:** Refer to your product packaging or the BWE website for direct contact information.

When contacting support, please have your model number (5012-BG-2) and purchase date readily available.