BWE 5012-N

BWE 12-Inch Square Shower Head System (Model 5012-N) User Manual

Comprehensive Guide for Installation, Operation, and Maintenance

Overview Features Setup Operation Maintenance Troubleshooting Specifications Warranty & Support

1. Product Overview

This manual provides detailed instructions for the BWE 12-Inch Square Shower Head System, Model 5012-N, in Brushed Nickel finish. This system is designed for wall-mounted installation and includes a rain mixer shower head, a handheld shower, and a rough-in valve body with trim. Please read all instructions carefully before installation and use.



Image 1.1: Complete BWE 12-Inch Square Shower Head System in Brushed Nickel.

2. Key Features

- **High-Quality Construction:** Faucet body constructed from durable brass, with the shower head made from SUS 304 stainless steel.
- **Standard U.S. Threads:** Equipped with standard 1/2 NPT tapered threads for compatibility with most existing shower systems. All necessary hardware and parts are included for installation.
- **Pressure Balance Valve:** Features a pressure balance valve cartridge that monitors water pressure, protecting users from sudden temperature changes and maintaining a consistent water temperature.
- **Air Pressure Technology:** The rain shower head incorporates air injection technology to mix water with air, delivering a water pressure of up to 2.5 GPM for a comfortable shower experience. The nozzles are self-cleaning for easy maintenance.
- **Brushed Nickel Finish:** The multi-layered electroplating ensures resistance to surface corrosion in humid bathroom environments, maintaining its aesthetic appeal.



Image 2.1: Overview of the 2-function shower system capabilities.



Image 2.2: Illustration of Air Injection Technology for enhanced water flow.

3. Setup and Installation

Professional installation is recommended for this shower system. Ensure all local plumbing codes are followed. The system uses standard NPT 1/2 connectors, eliminating the need for adapters.

3.1 Included Components

Before beginning installation, verify that all components are present and undamaged. Refer to the diagram below for a visual representation of the included parts.



Image 3.1: All components included in the BWE 12-Inch Square Shower Head System package.

3.2 Rough-in Valve Installation

The brass pressure balancing valve body is designed for embedded installation. Ensure the total embedded depth is approximately 80mm (3.15 inches). The hot and cold water connectors, as well as the fixed shower head and handheld shower head connectors, are NPT 1/2 standard.

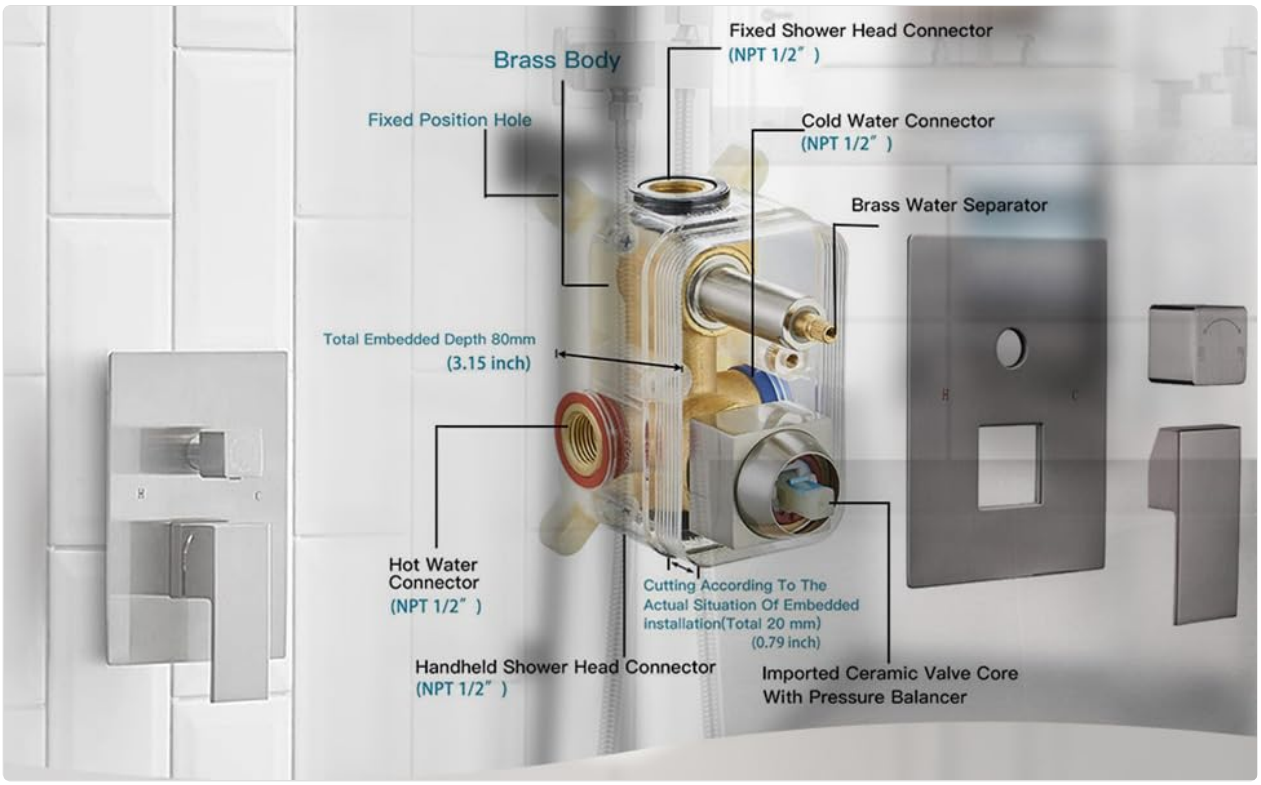


Image 3.2: Diagram of the Brass Pressure Balancing Shower Valve and its connections.

3.3 Shower Head and Handheld Installation

Install the shower arm and 12-inch square shower head securely to the NPT 1/2 connector. The shower head features 360-degree rotation for adjustable angle. Connect the 59-inch shower hose to the handheld shower and the corresponding outlet on the valve body. Ensure all connections are tight to prevent leaks.



Image 3.3: Details of the handheld shower and shower arm components.

4. Operating Instructions

The BWE shower system features a single handle for water flow and temperature control, and a small handwheel switch to select between the shower head and handheld shower.

4.1 Water Flow and Temperature Control

The main handle controls both water flow and temperature. Lift the handle to increase water flow. Rotate the handle to adjust temperature: turning towards 'H' (Hot) for warmer water and towards 'C' (Cold) for cooler water.

4.2 Shower Function Selection

Use the small square handwheel switch to toggle between the main shower head and the handheld shower. Rotate the switch to the desired position to activate the corresponding shower function.



Image 4.1: Shower Mixer Valve Control functions.

5. Maintenance

Regular maintenance ensures the longevity and optimal performance of your BWE shower system.

5.1 Cleaning the Finish

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

5.2 Cleaning Shower Head Nozzles

The shower head features self-cleaning silicone nozzles. Periodically rub the nozzles with your fingers to dislodge any mineral buildup or debris. This helps maintain consistent water flow and prevents clogging.

5.3 Pressure Balance Cartridge

The pressure balance cartridge is designed for durability. If you experience persistent issues with water temperature fluctuations or flow, the cartridge may need inspection or replacement. Contact a qualified plumber or BWE customer support for assistance.

6. Troubleshooting

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

Problem	Possible Cause	Solution
Low Water Flow	Clogged shower head nozzles; low household water pressure; partially closed shut-off valves.	Clean shower head nozzles. Check main water supply and ensure shut-off valves are fully open.
Inconsistent Water Temperature	Pressure balance cartridge malfunction; issues with hot/cold water supply.	Ensure hot and cold water supplies are functioning correctly. If problem persists, the pressure balance cartridge may need replacement by a professional.
Leaking from Shower Head/Handheld	Loose connections; damaged O-rings or seals; faulty diverter.	Check and tighten all connections. Inspect O-rings and seals for damage and replace if necessary. If the diverter is faulty, contact support.
Water Hammering Noise	Loose pipes; high water pressure; air in the plumbing system.	Secure loose pipes. Consider installing a water hammer arrestor if pressure is too high. Bleed air from the system.

7. Product Specifications

Detailed specifications for the BWE 12-Inch Square Shower Head System, Model 5012-N.



Image 7.1: Dimensions of the BWE Shower System components.

Feature	Detail
Brand	BWE
Model Number	5012-N
Color	Brushed Nickel
Material	Brass (Faucet Body), SUS 304 Stainless Steel (Shower Head)
Finish Type	Brushed
Number of Handles	1
Mounting Type	Wall Mount

Feature	Detail
Shower Head Size	12 inches (Square)
Handheld Hose Length	59 inches
Item Weight	12.34 pounds (5.61 Kilograms)
Product Dimensions	17.72 x 13.62 x 4.72 inches
Included Components	Installation Hardware, Rough-in Valve Body, Trim, Shower Head, Handheld Shower, Hose, Shower Arm
UPC	810148590406

8. Warranty and Customer Support

8.1 Warranty Information

For specific warranty details regarding your BWE 12-Inch Square Shower Head System, please refer to the warranty card included with your product packaging or visit the official BWE website. Warranty terms typically cover manufacturing defects and material flaws under normal use.

8.2 Customer Support

If you have any questions, require technical assistance, or need to report an issue with your product, please contact BWE customer service. You can typically find contact information on the official BWE website or through your purchase platform.

BWE Official Website: Visit BWE Store on Amazon

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