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GRANDJOY SGF10GJ-14-BL12

GRANDJOY Shower System SGF10GJ-14-BL12 User Manual

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your GRANDJOY Shower System SGF10GJ-14-BL12. Please read this manual thoroughly before installation and use to ensure proper function and longevity of your product. Keep this manual for future reference.

2. Product Overview

The GRANDJOY Shower System SGF10GJ-14-BL12 is designed to enhance your showering experience with advanced features and durable construction. Key components include a 12-inch rain head, a handheld shower, six body jets, and a pressure balance valve with an integrated LCD temperature display.

Key Features:

- **Real-Time Temperature Display:** An integrated LCD screen, powered by water flow (no batteries required), shows the current water temperature for safety and comfort.
- **Safety Pressure Balance Valve:** The upgraded valve cartridge maintains stable water pressure and temperature, preventing sudden hot or cold shocks.
- **Adjustable Overhead Shower:** A 12-inch ultra-thin wall-mounted rain head rotates 360° and tilts up to 15° for wide-angle rainfall coverage.
- **Versatile Handheld Use:** Includes a 59-inch stainless steel handheld shower for precise rinsing and cleaning.
- **Massage Body Jet Functionality:** Six rotatable 2-inch body jets provide targeted water massage. Eco-conscious silicone nozzles resist clogging and discoloration.



Image 2.1: Overview of the GRANDJOY Shower System SGF10GJ-14-BL12, showing the 12-inch rain head, control panel with LCD display, handheld shower, and six body jets, all in a matte black finish.

3. Setup and Installation

Installation of the GRANDJOY Shower System requires professional plumbing knowledge. It involves the removal of existing tiles/fixtures and complete re-piping. It is highly recommended to consult a qualified plumber prior to purchase and installation to ensure compatibility with your bathroom's existing infrastructure and to comply with local building codes.

3.1 Pressure Balance Valve Installation

The system includes a brass pressure balance valve designed to maintain consistent water temperature and pressure. This valve features a built-in check valve to eliminate water hammer noise and ensure smooth operation.

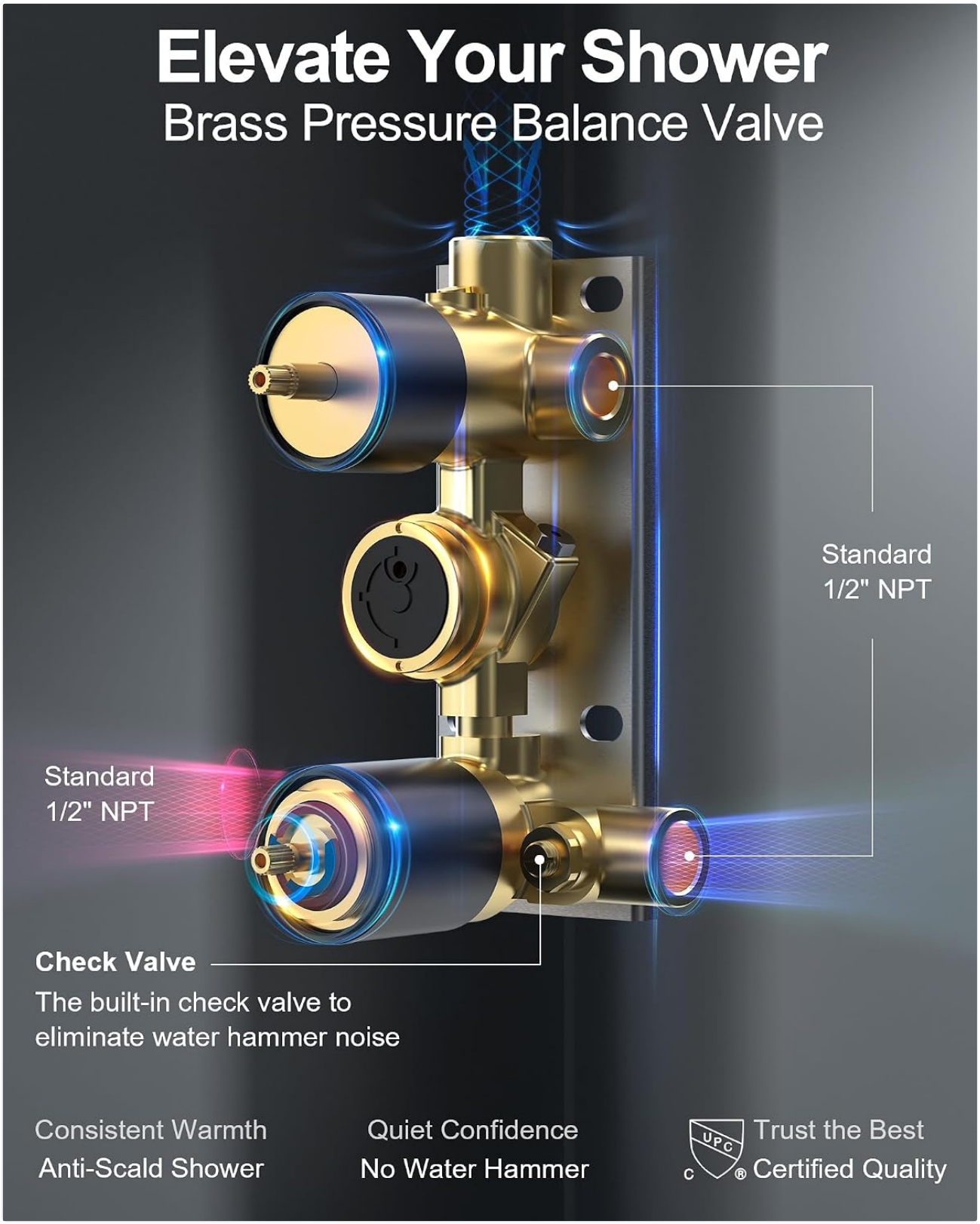


Image 3.1: Diagram illustrating the internal structure and connections of the brass pressure balance valve, highlighting the check valve and standard 1/2" NPT connections for hot and cold water.

3.2 Component Dimensions and Layout

Refer to the diagram below for detailed dimensions of each component and recommended layout for installation. Accurate measurements are crucial for proper fitting and functionality.

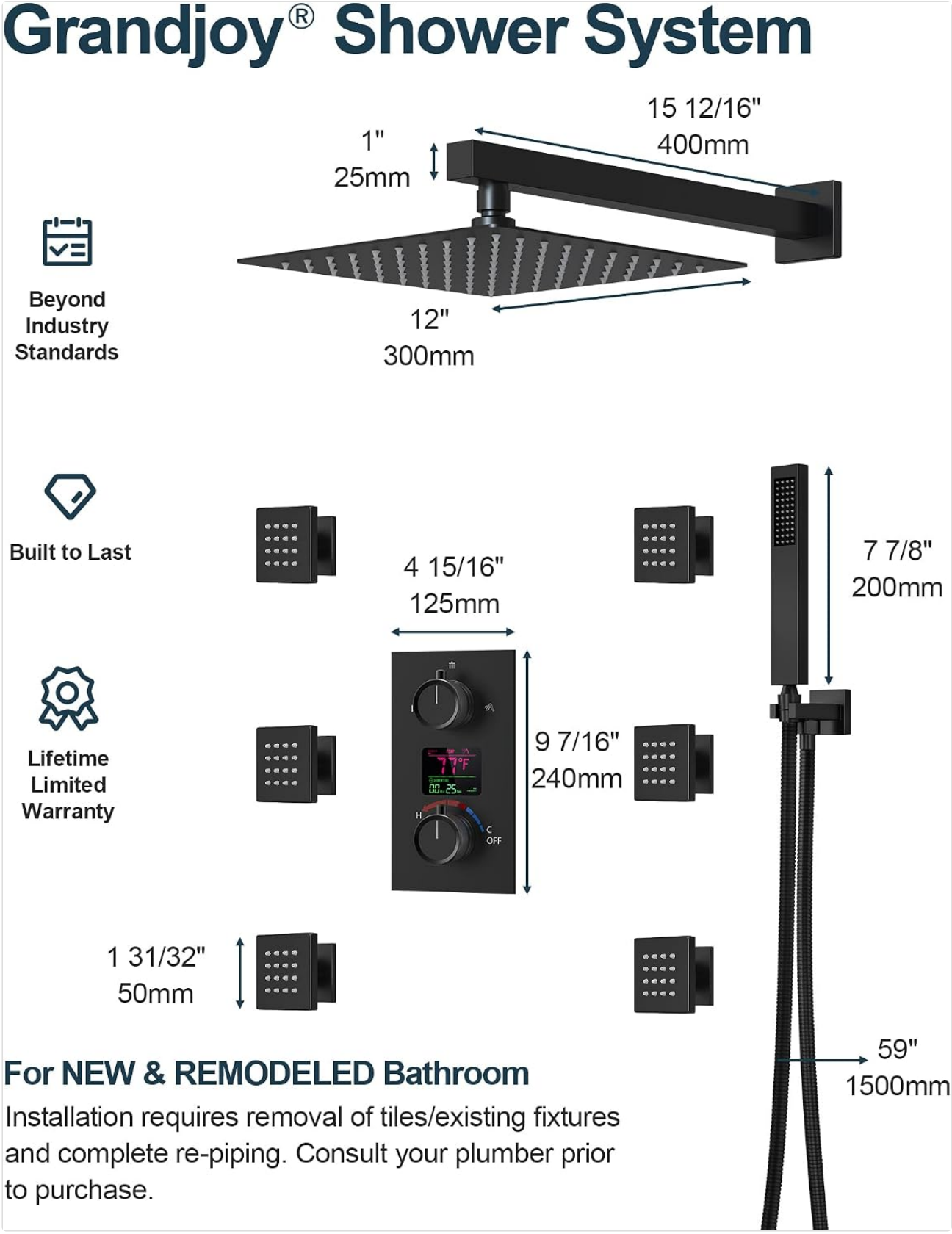


Image 3.2: Technical diagram showing the dimensions of the 12-inch rain head (300mm), control panel (240mm height), body jets (125mm width), and handheld shower with 59-inch (1500mm) hose.

4. Operating Instructions

4.1 Smart Temperature Display

The central control panel features an LCD display that shows the real-time water temperature. This display is powered by water flow and does not require batteries. The display also indicates the shower duration.



Image 4.1: Close-up of the shower system's control panel, showing the LCD screen displaying water temperature (e.g., 77°F) and shower duration, with hot (H) and cold (C) water controls.

4.2 Function Selection

The system offers three distinct spray functions: rainfall from the overhead shower, handheld spray, and targeted massage from the body jets. Only one function can be active at a time.

- **Rainfall:** Provides a wide-angle, natural rain-like shower experience from the 12-inch overhead head. The head can be rotated 360° and tilted up to 15° to adjust the spray angle.
- **Handheld:** Use the flexible 59-inch handheld shower for focused rinsing or cleaning.

- **Body Jets:** Activate the six rotatable body jets for a targeted water massage.



Image 4.2: A person enjoying the rainfall from the 12-inch overhead shower, demonstrating its wide coverage and adjustable 360° rotation and 15° tilt.



Image 4.3: A person experiencing the six body jets, which provide a targeted water massage from multiple angles.



Image 4.4: Visual representation of the three available spray modes: rainfall from the overhead shower, spray from the handheld unit, and streams from the six body jets.

5. Maintenance

Regular cleaning and maintenance will ensure the optimal performance and appearance of your GRANDJOY Shower System.

5.1 Cleaning the Finish

To maintain the matte black finish, clean regularly with a soft cloth and mild soap. 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.

5.2 Nozzle Maintenance

The silicone nozzles on the rain head, handheld shower, and body jets are designed to resist clogging. If mineral deposits accumulate, gently rub the silicone nozzles with your finger or a soft brush to dislodge them. This helps maintain consistent water flow.

5.3 Cartridge Care

The high-quality HanYo brass cartridge is designed for long-lasting use. If you experience issues with temperature or flow control, it may indicate a need for professional inspection or replacement of the cartridge. Contact customer support for assistance.

6. Troubleshooting

If you encounter any issues with your shower system, please refer to the following common troubleshooting steps. For problems not listed or if issues persist, contact customer support.

- **No Water Flow or Low Pressure:** Check if the main water supply is fully open. Ensure there are no kinks in the shower hose. Clean any potential clogs in the showerhead or handheld nozzles.
- **Inconsistent Water Temperature:** Verify that both hot and cold water supplies are connected correctly. The pressure balance valve is designed to prevent sudden changes, but extreme fluctuations in household water pressure can still affect it.
- **LCD Display Not Working:** The LCD display is powered by water flow. Ensure water is flowing through the system. If it still doesn't light up, ensure proper installation of the flow sensor.
- **Leaks:** Check all connections for tightness. Ensure all O-rings and gaskets are properly seated during installation. Do not overtighten connections.

7. Specifications

Feature	Specification
Brand	GRANDJOY
Model Number	SGF10GJ-14-BL12
Color	Matte Black
Material	Brass, Stainless Steel
Finish Type	Matte
Number of Handles	2
Handle Material	Metal
Mounting Type	Wall Mount
Included Components	59" shower hose, All Mounting Hardware, Hand Shower, Pressure Balance Valve, Shower Head

Feature	Specification
Product Dimensions	18.7 x 13.19 x 7.48 inches
Pattern	Complete shower system
Shape	Square
Item Package Quantity	1

8. Warranty and Support

The GRANDJOY Shower System SGF10GJ-14-BL12 comes with a**Lifetime Limited Warranty**, ensuring quality and durability. For warranty claims, technical support, or any inquiries regarding your product, please visit the official GRANDJOY store or contact their customer service directly.
Official Brand Store: Visit GRANDJOY Store on Amazon

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