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> Dasan Thermostatic Dual Shower Head System (Model DS-SS4616C6-BN) Instruction Manual

Dasan DS-SS4616C6-BN

Dasan Thermostatic Dual Shower Head System

Model: DS-SS4616C6-BN

INTRODUCTION

Welcome to the instruction manual for your new Dasan Thermostatic Dual Shower Head System. This system is designed to provide a luxurious and comfortable showering experience with its advanced features, including a thermostatic valve, dual shower heads, and multiple body jets. Please read this manual thoroughly before installation and use to ensure proper function, safety, and longevity of your product.

SAFETY INFORMATION

Your safety is paramount. Please observe the following safety guidelines:

- Always turn off the main water supply before beginning any installation, maintenance, or repair work.
- Ensure all plumbing connections are secure and watertight to prevent leaks and water damage.
- Do not attempt to modify the product. Any unauthorized modifications may void the warranty and create safety hazards.
- The thermostatic valve is factory-set to a safe temperature of 38°C (100°F). To adjust the temperature beyond this limit, you must press the safety override button on the temperature control knob.
- Professional installation by a qualified plumber is highly recommended to ensure correct setup and compliance with local plumbing codes.
- Keep small parts out of reach of children to prevent choking hazards.

PACKAGE CONTENTS

Please verify that all components listed below are present and undamaged before proceeding with installation:

- 16-inch Rainfall Shower Head

- 6 Body Jets
- 6-inch Wall-Mounted Shower Head
- Handheld Shower with 59-inch Stainless Steel Hose
- Thermostatic Shower Valve & Trim Kit
- Mounting Hardware and Installation Accessories

SPECIFICATIONS

Feature	Detail
Brand	Dasan
Model Number	DS-SS4616C6-BN
Color	Brushed Nickel
Material	Brass, Stainless Steel
Finish Type	Brushed
Number of Handles	1 (Thermostatic Control)
Mounting Type	Ceiling Mount (Rainfall), Wall Mount (6-inch Shower Head, Body Jets, Handheld)
Rainfall Shower Head Size	16 Inch
In-Wall Depth (Recommended)	3.5 inches (Min 3-3/8" - Max 3-3/4")
Connections	Inlet 3/4 NPT, Outlet 1/2 NPT

Note: Specifications are subject to change without prior notice.

INSTALLATION GUIDE

This section provides general installation steps. Due to the complexity of plumbing systems, professional installation is highly recommended. Ensure you have all necessary tools and plumbing knowledge before proceeding. Always refer to local plumbing codes and regulations.

1. Pre-Installation Steps

1. Turn off the main water supply to your home or the specific area where the installation will take place.
2. Clear the installation area of any obstructions and ensure adequate workspace.
3. Review the provided plumbing diagram (if included with the physical product) and ensure all components are accounted for.
4. Prepare the wall for in-wall valve installation, ensuring the recommended in-wall depth of 3.5 inches (Min 3-3/8" - Max 3-3/4") is met.

2. Installing the Thermostatic Valve

1. Mount the thermostatic valve body securely within the wall, ensuring it is level and at the correct depth according to the provided diagram.
2. Connect the hot and cold water supply lines to the designated inlets (3/4 NPT) on the valve body. Ensure proper orientation (hot on left, cold on right).
3. Connect the outlet lines (1/2 NPT) from the valve to the respective shower components: rainfall head, wall-mounted head, body jets, and handheld shower.
4. Perform a thorough leak test by turning on the water supply and checking all connections before closing the wall.

3. Installing Shower Heads and Body Jets

1. **16-inch Rainfall Shower Head:** Securely mount the ceiling arm to the ceiling and attach the rainfall shower head. Ensure a watertight seal using plumber's tape or sealant as required.
2. **6-inch Wall-Mounted Shower Head:** Install the wall-mounted arm and attach the 6-inch shower head. This head features 360° swiveling for adjustable angle.
3. **6 Body Jets:** Install the 6 body jets at desired heights and angles on the wall, connecting them to the valve's outlet lines. The jets also feature 360° swiveling for adjustable spray direction.
4. **Handheld Shower:** Mount the handheld shower holder at a convenient height. Connect the 59-inch stainless steel hose to the handheld shower and the designated valve outlet.



**EACH SHOWER FUNCTION CAN BE USED
INDIVIDUALLY OR SIMULTANEOUSLY**

Image: Overview of the Dasan Thermostatic Dual Shower Head System with all functions (rainfall, wall-mounted, body jets, handheld) shown in operation. This image illustrates the complete setup after installation.



Image: Detailed diagram showing the dimensions and connection points for the thermostatic shower system, including in-wall depth and NPT sizes. Use this for precise installation planning.

OPERATING INSTRUCTIONS

1. Thermostatic Temperature Control

The lower knob on the valve panel controls the water temperature. The default safety setting is 38°C (100°F) to prevent scalding, especially for children and the elderly.

- To increase the temperature beyond 38°C (100°F), press the safety button located on the knob and turn it counter-clockwise.
- To decrease the temperature, simply turn the knob clockwise.
- The thermostatic valve will maintain a consistent water temperature, eliminating sudden fluctuations during your shower.

THERMOSTATIC VALVE MAINTAINS 100°F

No need for adjustment, temperature securely set at 100°F. Easy for children, seniors, and All your family members to use. Thermostatic shower valve prevents scalding and discomfort from extreme temperatures.

Children **Elder**

Press the pointer to cross the temperature limit

TEMPERATURE CONTROL

JestBath Thermostatic Valve vs Standard Valve.

Others
Fluctuating Temperature

JestBath
Constant Temperature

Image: Close-up of the thermostatic valve, illustrating the 100°F safety setting and the mechanism to adjust temperature beyond this point.

2. Function Selection

The four upper knobs on the valve panel control the individual shower functions. Each knob can be turned ON or OFF independently, allowing for simultaneous use of multiple functions.

- Turn the desired knob to the "ON" position to activate a specific shower function (e.g., handheld, rainfall, wall-mounted, body jets).
- Turn the knob to the "OFF" position to deactivate it.
- You can use functions individually or combine them for a customized showering experience.

Your browser does not support the video tag.

Video: Demonstration of the thermostatic valve's function selection, showing how to activate individual or multiple shower components simultaneously.

3. Shower Head Functions

- **16-inch Rainfall Shower Head:** Provides a wide, gentle rainfall experience. Features air-injection technology for softer water droplets and full-body coverage.

- **6-inch Wall-Mounted Shower Head:** Offers a focused, high-pressure spray, ideal for targeted rinsing or a stimulating back massage. It features 360° swiveling for adjustable angle.
- **6 Body Jets:** Deliver powerful, targeted streams for a full-body spa massage. Each jet can swivel 360° for precise direction and coverage.
- **Handheld Shower:** Ergonomically designed for versatile use, including rinsing specific areas, assisting with cleaning the shower enclosure, or bathing children/pets. It comes with a 59-inch hose and an angle-adjustable holder.



MULTI-POINT COVERAGE BACK SPA MASSAGE

6-INCH SHOWER HEAD

6 PCS-BODY JETS



**6-INCH SHOWER HEAD
FOR BACK MASSAGE**



**6 BODY JETS FOR
LUMBAR MASSAGE**



**MESSAGE THE
ENTIRE BACK**

Image: A woman utilizing the 6-inch wall-mounted shower head and body jets for a back massage, highlighting multi-point coverage for a spa-like experience.



16-INCH SHOWER



CAN ACCOMMODATE TWO PERSON

CHOOSE THE RIGHT SIZE

16" overhead shower plus a 6" overhead shower provide an extra-large shower space that can accommodate two people bathing together.



16-INCH



12-INCH



10-INCH

Image: A couple enjoying the dual shower heads, showcasing the large 16-inch rainfall shower and the 6-inch wall-mounted shower head, indicating suitability for two-person use.



Image: Close-up of the 16-inch rainfall shower head, illustrating the air-injection technology that provides softer water flow and a more comfortable shower.

MAINTENANCE AND CLEANING

Regular cleaning and proper maintenance will help preserve the appearance and optimal performance of your Dasan shower system.

- **General Cleaning:** Use a soft, damp cloth and a mild, non-abrasive soap or cleaner specifically designed for bathroom fixtures. Avoid harsh chemicals, abrasive cleaners, scouring pads, or steel wool, as these can damage the brushed nickel finish.
- **Nozzle Cleaning:** The shower heads and body jets are equipped with flexible silicone nozzles. To remove mineral buildup (limescale), simply rub your finger across the nozzles. This helps maintain consistent water flow.
- **Finish Care:** The electroplated surface and glazed finish are designed to resist fingerprints and water stains. To keep the system looking its best, wipe all surfaces dry with a soft cloth after each use to prevent water spots and mineral deposits.

Dasan VS Others

4 x16 Spray Holes • 16 Spray Holes

Pressurized • Regular

2.4-inch • 2.0-inch



Image: Close-up showing how to easily clean mineral buildup from the flexible silicone nozzles of the shower heads and body jets by simply rubbing them.

TROUBLESHOOTING

If you encounter any issues with your shower system, please refer to the table below for common problems and their solutions. If the problem persists, contact customer support or a qualified plumber.

Problem	Possible Cause	Solution
No water flow or low pressure from a specific component.	Function knob not fully open; clogged nozzles; water supply issue.	Ensure the corresponding function knob is fully in the ON position. Clean nozzles by rubbing them to remove mineral buildup. Check main water supply pressure.
Water temperature is too hot or too cold.	Thermostatic valve setting incorrect; hot/cold water supply imbalance.	Adjust the thermostatic temperature knob. If adjusting beyond 38°C (100°F), press the safety button. If persistent, consult a plumber to check water supply lines and pressure balance.
Leaks at connections.	Loose connections; damaged O-rings/gaskets; improper sealant.	Turn off water supply. Carefully tighten all connections. Inspect and replace O-rings or gaskets if damaged. Reapply plumber's tape or sealant if necessary.
Water spots or discoloration on the finish.	Mineral deposits from hard water; improper cleaning agents.	Wipe all surfaces dry with a soft cloth after each use. Clean with a soft cloth and mild, non-abrasive cleaner specifically for brushed finishes.

WARRANTY AND SUPPORT

Dasan stands behind the quality of its products. For detailed warranty information, including coverage periods and terms, please refer to the warranty card included with your purchase or visit the official Dasan website.

Keep your original purchase receipt as proof of purchase for any warranty claims.

For technical support, replacement parts, or any questions not covered in this manual, please contact Dasan customer service. Contact information can typically be found on the Dasan official website or through your authorized retailer.