

## EVERSTEIN SFS-1073-BK12

# EVERSTEIN 12" High-Pressure LCD Rainfall Shower Faucet, Ceiling Mount Thermostatic Dual Shower Handheld System User Manual

Model: SFS-1073-BK12

## 1. PRODUCT OVERVIEW

The EVERSTEIN Multifunctional Shower System features an innovative LCD digital display along with a three-color LED lighting system, enhancing the ambiance of your shower experience. It includes anti-water hammer and anti-scalding constant temperature functions for increased safety and comfort. The system offers three distinct functionalities: a 12-inch rainfall shower head, and 2 handheld shower, all of which can be used simultaneously or separately. It has undergone 600,000 tests to ensure durability and reliability and complies with cUPC certification and ASME a112.18.1-2018/CSA b125.1-18 standards, suitable for the American standard 1/2-inch pipe connection. The 12-inch ultra-thin showerhead utilizes air pressure-boosting technology to deliver high pressure while saving water. Additionally, it comes with an extra-long 59-inch extendable metal hose and silicone nozzle for easy cleaning. Designed for straightforward installation and maintenance, this shower system adds both luxury and modernity to your bathroom.



Figure 1: Complete EVERSTEIN 12" High-Pressure LCD Rainfall Shower System in Matte Black.

## 2. SAFETY INFORMATION

**Important Purchase Note:** This shower system is designed for new or remodeled bathrooms. Installation requires the removal of existing tiles and fixtures, and potentially repiping. It is highly recommended to consult a qualified plumber before purchasing and proceeding with installation to ensure compatibility and proper setup.

- Always turn off the main water supply before beginning any installation or maintenance.
- Ensure all connections are secure and watertight to prevent leaks.
- Verify that the water pressure is within acceptable limits for the shower system.
- The anti-scalding thermostatic valve is designed to maintain a preset temperature and prevent sudden changes. However, always test water temperature before use, especially for children and the elderly.
- Do not use abrasive cleaners or harsh chemicals on the finish, as this may damage the product.

## 3. PACKAGE CONTENTS

Please verify that all components are present and undamaged before beginning installation.

- 12" Shower head
- Hand shower head x 2
- Shower fixtures & valve
- Extra-long 59-inch extendable metal hose
- Silicone nozzle (integrated into shower heads)
- Mounting hardware (screws, anchors)
- Instruction manual

## 4. PRODUCT SPECIFICATIONS

Feature	Detail
Brand	EVERSTEIN
Model Number	SFS-1073-BK12
Color	Matte Black
Material	Brass, Metal
Finish Type	Matte Black
Number of Handles	2
Mounting Type	Ceiling Mount

Head Size	12 inches
Product Dimensions	29 x 16 x 7 inches
Certifications	cUPC, ASME a112.18.1-2018/CSA b125.1-18

## 5. INSTALLATION GUIDE

Professional installation is recommended. Ensure all local plumbing codes are followed. Turn off the main water supply before starting.

### 5.1. Valve and Trim Installation

This section guides you through the installation of the main thermostatic valve and its trim. Proper depth and secure connections are crucial.

Your browser does not support the video tag.

Video 1: Installation guide for the EVERSTEIN shower system valve and trim (Model SFS-1058-BK10, similar to SFS-1073-BK12).

- 1. Prepare the Wall:** According to the layout of the shower system, reserve grooves on the wall for installing water pipes and the valve.
- 2. Mark Valve Position:** Mark the wall based on the fixed hole positions of the valve.
- 3. Drill Holes:** Drill holes of appropriate size on the markings based on the diameter of the expansion screws.
- 4. Secure Valve:** Take out four expansion screws from the accessories and place them into the holes. Secure the valve to the wall using the provided screws.
- 5. Connect Pipes:** Connect the hot and cold water inlet pipes to the valve. Ensure standard connections (USA/Canada: 1/2-14" NPT).
- 6. Flush Pipes:** Flush the two inlet pipes for two minutes to avoid blockage before connecting them to the valve.
- 7. Install Outlets:** Connect the outlet pipes for the rainfall shower heads and handheld shower.
- 8. Pressure Test:** Test whether the water pressure is appropriate and flush the outlet pipes for one minute.
- 9. Leakage Test:** Insert plugs for a water test to ensure there is no leakage at any joint.
- 10. Install Trim:** Install the decorative trim plate and handles onto the valve body. When cutting tiles, ensure the size of the cut does not exceed the dimensions of the trim.

## ROUGH-IN VALVE

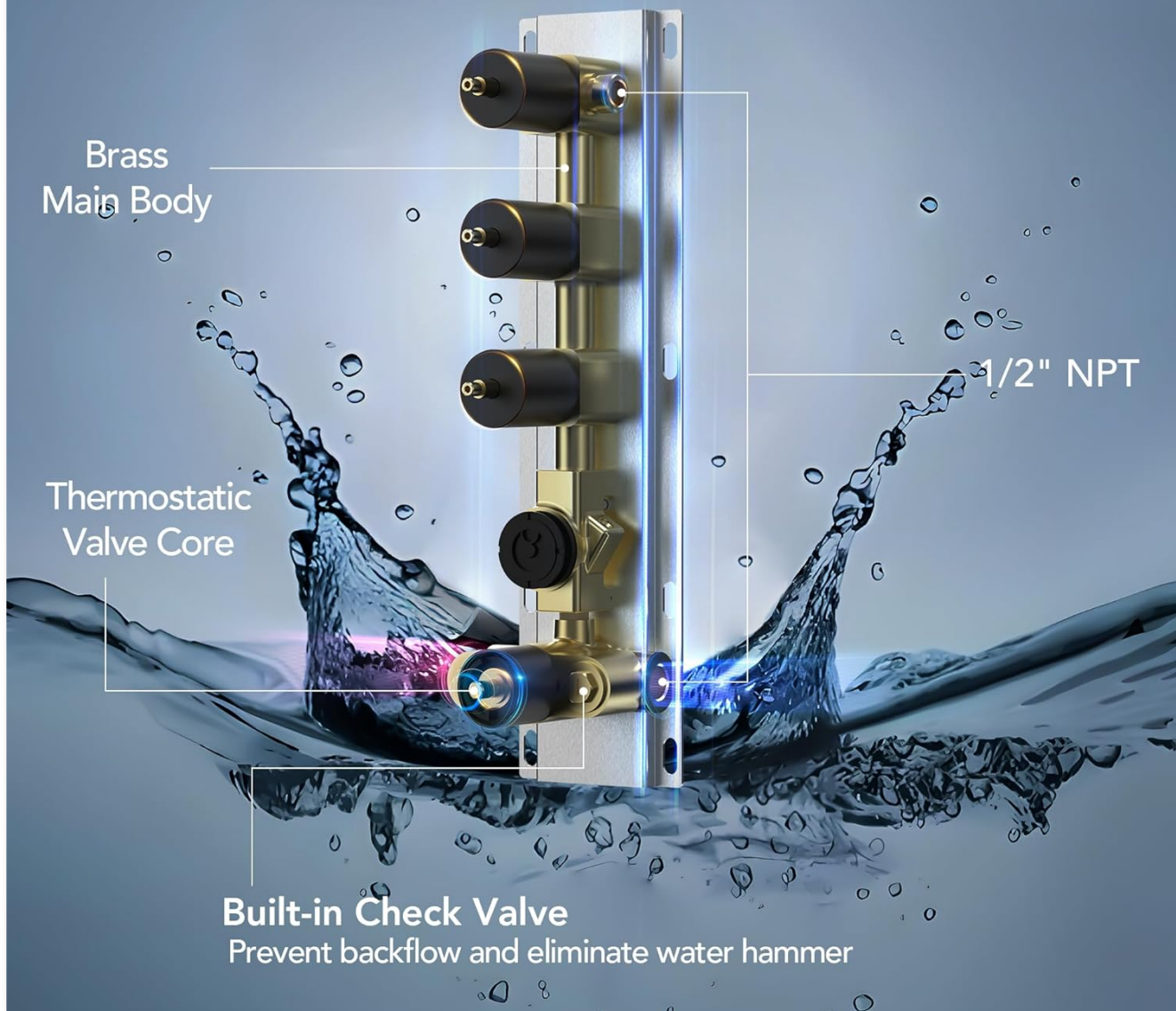


Figure 2: Internal components of the rough-in valve.

### 5.2. Rainfall Shower Head Installation (Ceiling Mount)

Install the ceiling-mounted rainfall shower head, ensuring proper sealing.

1. **Prepare Ceiling Outlet:** After tiling, ensure that the distance from the surface to the brass fitting is 19/32" (15 mm).
2. **Apply Teflon Tape:** Wrap Teflon tape for at least 12 turns around the threads of the shower arm to prevent leaks.
3. **Install Shower Arm:** Screw the ceiling shower arm into the brass fitting.
4. **Attach Shower Head:** Connect the 12-inch rainfall shower head to the shower arm, ensuring the washer is in place for a tight seal.



Figure 3: Overview of the 3-in-1 shower system features.

### 5.3. Handheld Shower System Installation

Install the handheld shower system, including the slide bar and hose connection.

1. **Mount Slide Bar:** Mark and drill holes for the slide bar brackets. Secure the slide bar to the wall.
2. **Install Water Outlet:** After tiling, ensure that the distance from the surface to the brass fitting is 5/8" (15 mm).
3. **Apply Teflon Tape:** Wrap Teflon tape for at least 12 turns around the threads of the water outlet connector to prevent leaks.
4. **Connect Hose:** Connect the hexagonal shaped end of the shower hose to the water outlet port of the slide bar.
5. **Attach Handheld Shower:** Connect the other end of the hose to the handheld shower head. Place the handheld shower into its adjustable holder on the slide bar.



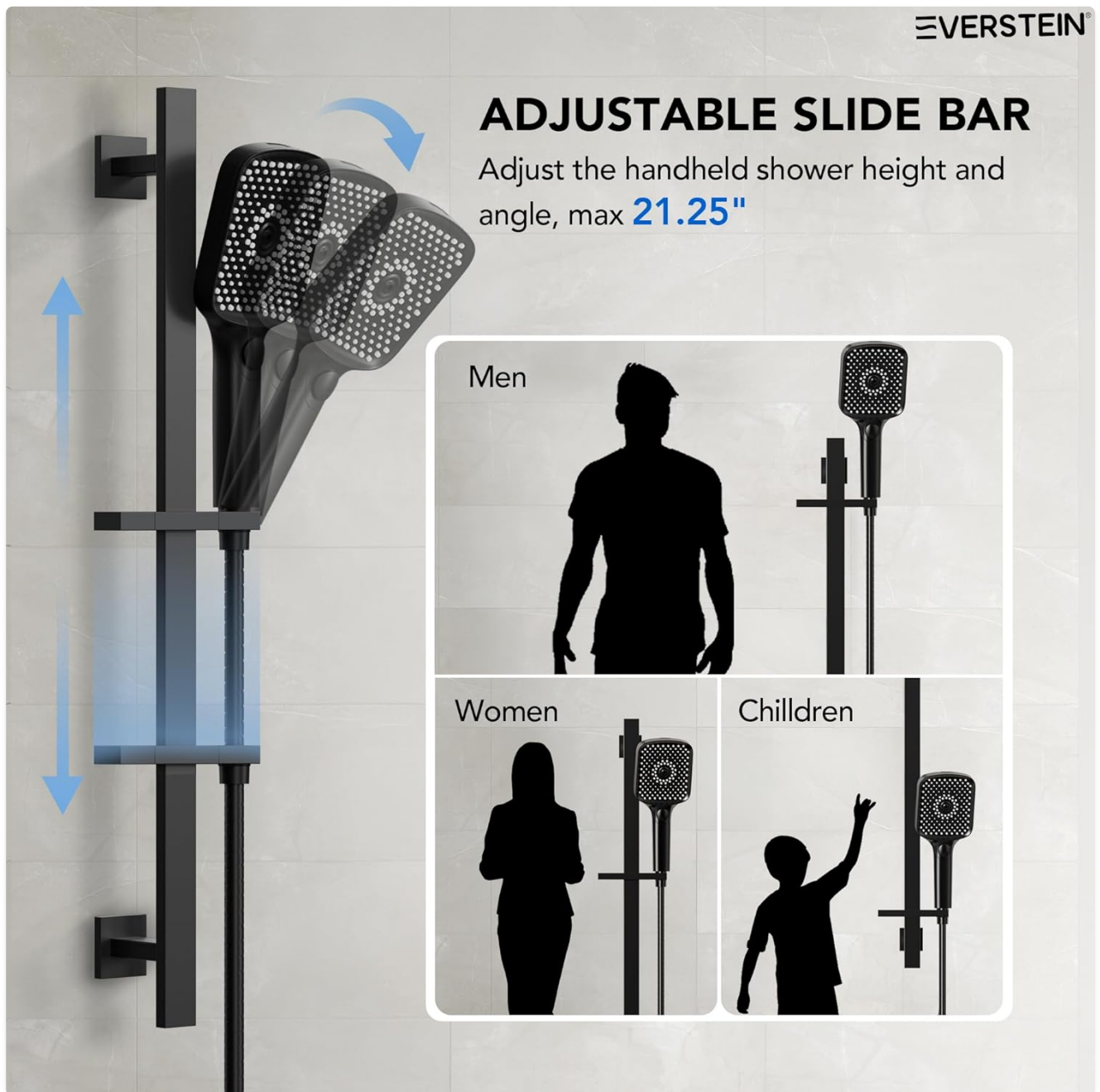


Figure 4: Adjustable slide bar for customized handheld shower height.

## 6. OPERATING INSTRUCTIONS

The EVERSTEIN shower system offers intuitive controls for a personalized shower experience.

### 6.1. Thermostatic Temperature Control

- The thermostatic valve maintains a consistent water temperature, preventing sudden changes.
- The temperature can be locked at 38°C (100°F) for safety, especially for children and the elderly. Adjust the main handle to set your desired temperature.

# VERNET THERMOSTATIC CARTRIDGES

Set 100°F once and enjoy safe, consistent shower every time.

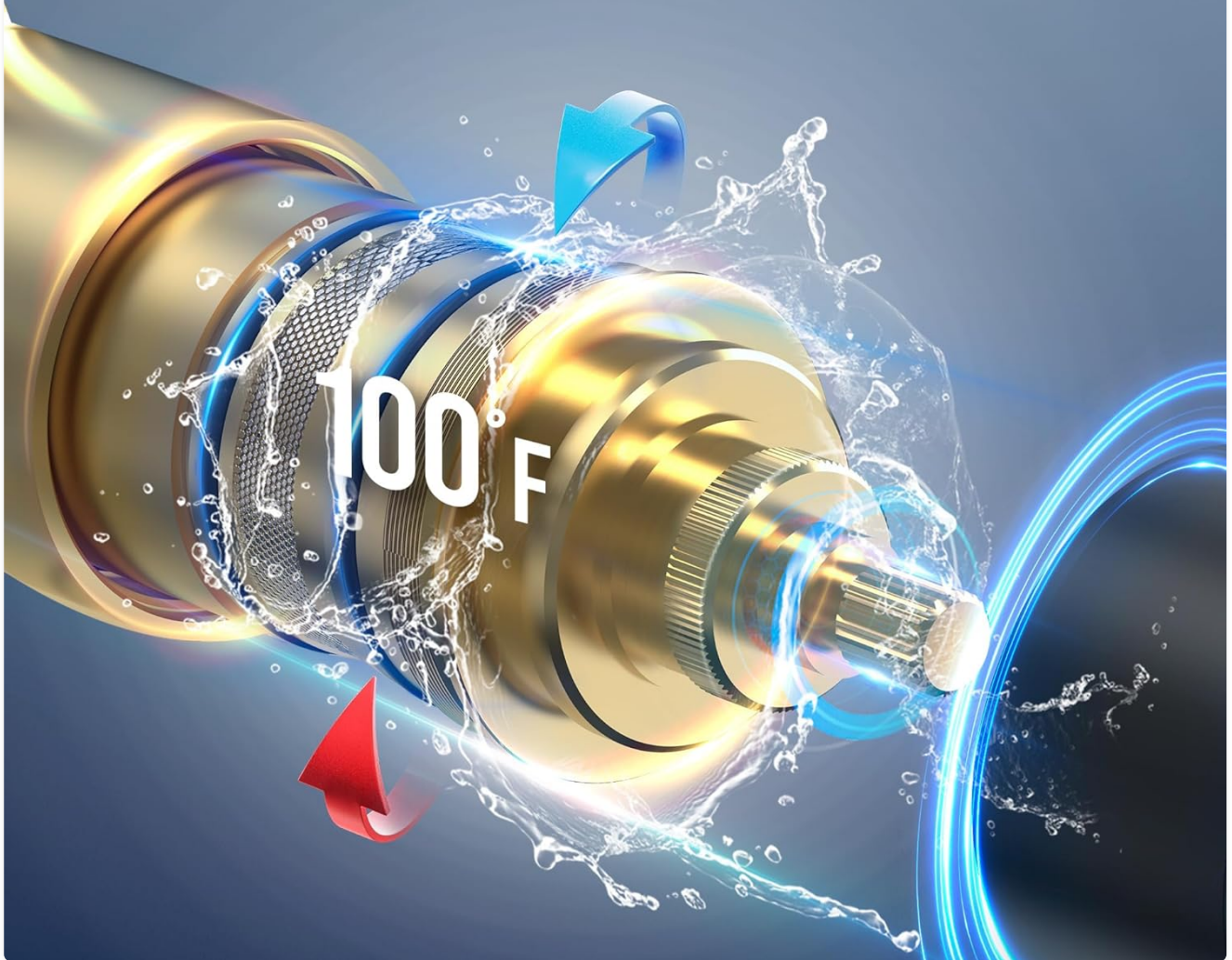


Figure 5: Vernet Thermostatic Cartridges for consistent temperature control.

## 6.2. LCD Digital Display and LED Lighting

- The innovative LCD digital display shows the current water temperature and shower time.
- The three-color LED lighting system changes color based on water temperature, providing a visual indicator and enhancing ambiance. These LEDs are water-powered and require no external batteries.



## ANTI-SCALD LED DESIGN

Indicator changes color as water temperature changes, water-powered

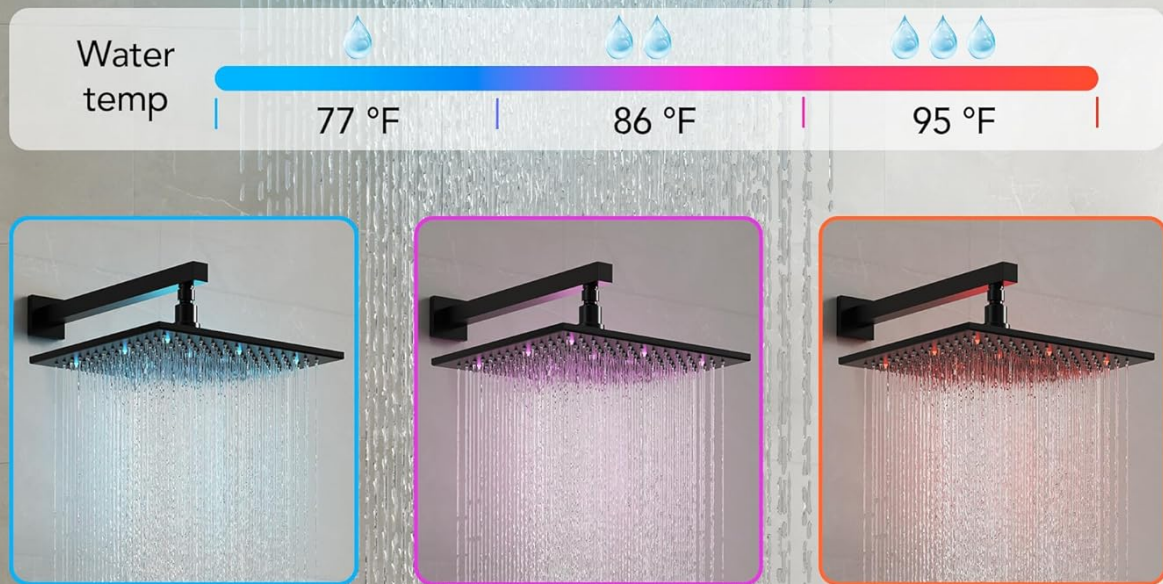


Figure 6: Anti-Scald LED Design with temperature-sensitive color changes.

# SAY GOODBYE TO HAND TESTING

The temperature display ensures a safer, smarter way.



Figure 7: LCD temperature display for precise temperature monitoring.

## 6.3. Multiple Spray Patterns

The system allows you to engage the 12" rainfall shower head and two handheld showers individually or simultaneously.

- **Rainfall Shower:** Provides a wide, gentle rain-like spray.
- **Handheld Shower:** Offers various spray modes for targeted cleaning and massage.
  - **Pulse Spray:** Powerful, invigorating massage.
  - **Rainfall Spray:** Gentle, natural rain sensation.
  - **Mixed Spray:** Quickly rinses soap and shampoo.
  - **Rinse Spray:** Ideal for bathroom cleaning.



## MULTIPLE WATER SPRAY MODES

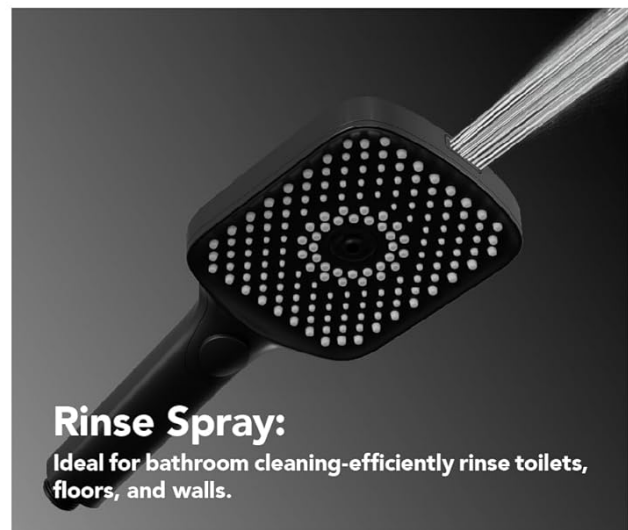
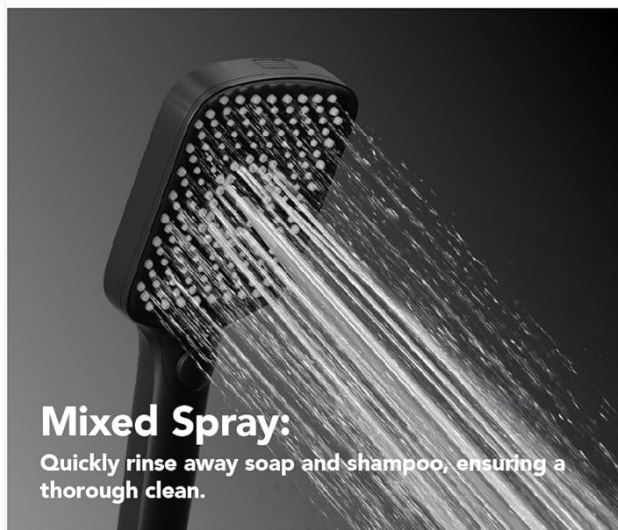
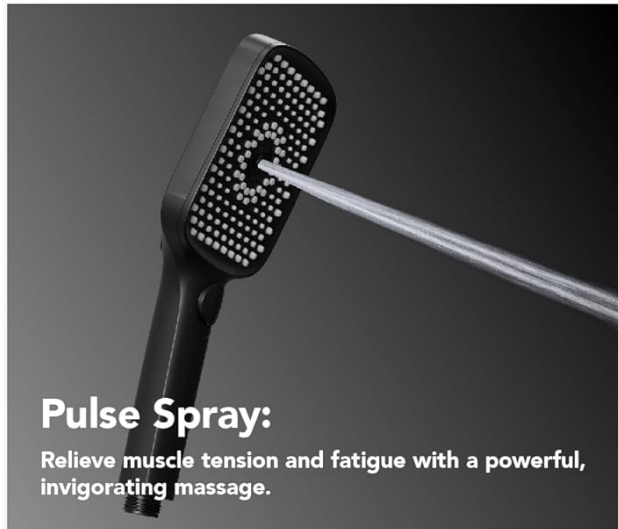


Figure 8: Various spray modes available from the handheld shower.

## HIGH PRESSURE POWER RINSE



Figure 9: High-pressure power rinse feature.

## 7. MAINTENANCE

- **Cleaning:** Regularly clean the shower heads and nozzles to prevent mineral buildup. The silicone nozzles are designed for easy cleaning; simply rub them to dislodge any deposits.
- **Finish Care:** Use a soft cloth and mild soap to clean the matte black finish. Avoid abrasive cleaners, scouring pads, or harsh chemicals, as these can scratch or damage the surface.
- **Leak Checks:** Periodically check all connections for any signs of leakage. Tighten if necessary.

## 8. TROUBLESHOOTING

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

- **Low Water Pressure:**

- Check if the main water supply valve is fully open.
- Inspect shower heads and nozzles for mineral buildup and clean them.
- Ensure there are no kinks or blockages in the shower hose.

- **Water Leakage:**

- Check all threaded connections for tightness. Apply more Teflon tape if needed.
- Inspect washers and O-rings for damage and replace if necessary.

- **Inconsistent Water Temperature:**

- Ensure both hot and cold water supplies are adequately flowing.
- If the thermostatic valve is not maintaining temperature, it may require professional inspection or recalibration.

- **LED Lights Not Working:**



- Ensure water is flowing through the shower head, as the LEDs are water-powered.
- If still not working, contact customer support.

## 9. WARRANTY AND SUPPORT

EVERSTEIN provides a lifetime limited warranty, which means that as long as you use our product properly, we will offer ongoing repair and replacement support. However, this warranty does not cover repairs or replacements due to improper use or installation. If you encounter any issues or have questions about our products, please feel free to contact us. Our goal is to ensure that every customer enjoys high-quality products and exceptional after-sales service, giving you peace of mind and confidence in your purchase.

For customer service, please refer to the contact information provided with your product packaging or visit the official EVERSTEIN website.



	<p><a href="#">EVERSTEIN M6646 Rainfall Cascade Shower System Installation Manual</a></p> <p>Comprehensive installation and assembly guide for the EVERSTEIN M6646 Rainfall Cascade 10-Inch Rainfall Shower System, including parts list, step-by-step instructions, and troubleshooting tips.</p>
	<p><a href="#">EVERSTEIN SFS1017 Luxury Thermostatic Shower System Installation Manual</a></p> <p>This document provides comprehensive installation instructions, warranty details, and component lists for the EVERSTEIN SFS1017 luxury thermostatic shower system. Learn how to properly install and maintain your shower for optimal performance.</p>
<p>Thermostatic Shower Faucet Installation Manual</p> <p>W-222(ES)</p>	<p><a href="#">EVERSTEIN W-222(ES) Thermostatic Shower Faucet Installation Manual</a></p> <p>Comprehensive installation guide for the EVERSTEIN W-222(ES) thermostatic shower faucet system, covering parts, dimensions, step-by-step assembly, maintenance, and remote control operation.</p>
<p>Pressure Balance Shower Faucet Installation Manual</p> <p>W-93(ES)</p>	<p><a href="#">Pressure Balance Shower Faucet Installation Manual - EVERSTEIN W-93(ES)</a></p> <p>Installation manual for EVERSTEIN Pressure Balance Shower Faucet systems, including models W-93(ES), M6989-6, and M6988-6. Covers warranty, parts, dimensions, and detailed step-by-step installation instructions for single-function rain shower systems.</p>
<p>Balance Shower Faucet Installation Manual</p> <p>W-316(ES)</p>	<p><a href="#">Balance Shower Faucet Installation Manual</a></p> <p>This installation manual provides detailed instructions for the EVERSTEIN Balance Shower Faucet, model W-316(ES). It covers installation, parts, dimensions, maintenance, and warranty information, available in English and Spanish.</p>
<p>Bathtub Faucet Installation Manual</p> <p>W-250(ES)</p>	<p><a href="#">Everstein AquaSpa Bathtub Faucet Installation Manual W-250(ES)</a></p> <p>This document provides comprehensive installation and maintenance instructions for the Everstein AquaSpa Bathtub Faucet, model W-250(ES). It includes a detailed parts list, step-by-step assembly guides, troubleshooting tips, and warranty information.</p>