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> Cascada Showers CSLED837002 Luxurious Recessed LED Shower System User Manual

## Cascada Showers CSLED837002

# Cascada Showers CSLED837002 Luxurious Recessed LED Shower System User Manual

Model: CSLED837002

## 1. INTRODUCTION

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This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Cascada Showers CSLED837002 Luxurious Recessed LED Shower System. Please read these instructions thoroughly before installation and retain this manual for future reference. This system features a 15" x 28" recessed shower head with LED lighting, a 6-knob thermostatic mixing valve, and multiple spray functions.

## 2. PRODUCT FEATURES

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- **Integrated LED Lighting:** Single color warm white LED light, powered by 120V electric power, controlled by a wall switch (not included).
- **Multi-Function Shower Head:** Offers Rainfall, Waterfall, SPA Mist, and Water Column modes.
- **Thermostatic Mixing Valve:** 6-knob high-flow valve with a VERNET (made in France) thermostatic cartridge, allowing 3-way mixing (one or two functions simultaneously).
- **Handheld Shower:** Included for versatile use.
- **Durable Construction:** Shower head and main components constructed from SUS 304 stainless steel with a polished finish.
- **Standard Connections:** NPT 3/4" inlet for hot/cold water and NPT 1/2" outlet for each function, compliant with US standards.

## 3. PACKAGE CONTENTS

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Verify that all components listed below are present and undamaged before beginning installation.

- 15" x 28" LED Shower Head

- 6-Knob Thermostatic Mixing Valve (including rough-in valve)
- Hand Shower / Wand
- Spout
- Holder
- Hose
- Installation Manual (this document)



Figure 3.1: An overview of the components included in the package, clearly labeling the shower head, hybrid switch valve, shower hose, hand shower, shower holder, and decorative covers.

## 4. SETUP AND INSTALLATION

Installation of this shower system requires professional plumbing and electrical expertise. Incorrect installation can lead to water damage, electrical hazards, or product malfunction. Always consult with certified professionals.

### 4.1 Pre-Installation Checks

- Ensure water supply lines are turned off.
- Verify that all necessary tools and materials are available.
- Confirm water pressure meets requirements (60 Psi recommended).
- Ensure electrical wiring for the LED lights is properly routed and ready for connection to a wall switch (120V).

## 4.2 Mounting and Connections

- The shower head is designed for flush ceiling mount installation.
- The thermostatic valve requires a wall-mounted rough-in installation.
- All thread connections are NPT (National Pipe Taper) standard for the USA: 3/4" NPT for hot/cold inlets and 1/2" NPT for each function outlet.
- Follow the detailed diagrams and instructions provided with the physical product for precise measurements and plumbing connections.

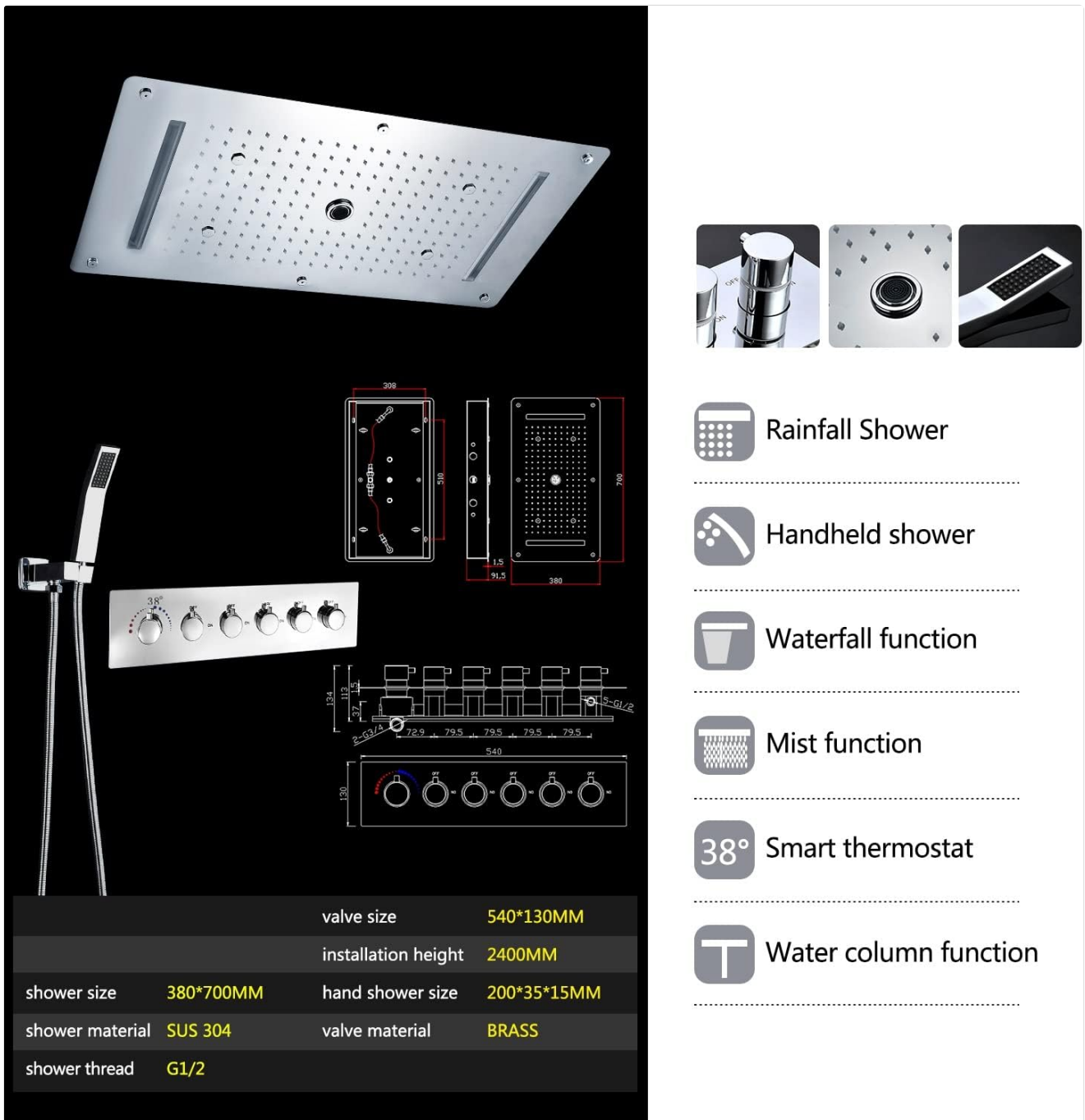


Figure 4.1: This diagram provides critical dimensions for the shower head (380x700mm) and valve (540x130mm), along with icons representing the Rainfall Shower, Handheld Shower, Waterfall function, Mist function, 38° Smart Thermostat, and Water Column function.

## 5. OPERATING INSTRUCTIONS

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Your Cascada Showers system is designed for intuitive control of water temperature and spray functions.

### 5.1 Thermostatic Valve Operation

The 6-knob thermostatic valve allows precise control:

- **Temperature Control:** One knob is dedicated to setting the desired water temperature. The thermostatic cartridge maintains this temperature, preventing sudden changes.
- **Function Selection:** The remaining five knobs control the individual shower functions. Turn a knob to the 'ON' position to activate a specific function. The valve supports activating one or two functions simultaneously.

### 5.2 Shower Functions

- **Rainfall Mode:** Provides a gentle, wide-area water flow, simulating natural rain.
- **Waterfall Mode:** Delivers a broad, cascading sheet of water.
- **SPA Mist Mode:** Produces a fine, invigorating mist spray.
- **Water Column Mode:** Offers a concentrated, powerful stream of water.
- **Handheld Shower:** A flexible option for targeted rinsing and cleaning.

### 5.3 LED Light Operation

The integrated LED lights are powered electrically (120V) and are controlled by a separate wall switch (not supplied with the system). Ensure the wall switch is installed by a qualified electrician.



Figure 5.1: The complete shower system installed, highlighting the simultaneous operation of rainfall, waterfall, and mist functions, along with the handheld shower. The integrated LED lighting illuminates the water streams.



Figure 5.2: A detailed view of the 6-knob thermostatic mixing valve, which controls water temperature and flow to various shower functions. The shower head is shown actively delivering a rainfall spray.

## 6. MAINTENANCE

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

- **Cleaning:** Clean the stainless steel surfaces with a soft cloth and mild soap or a non-abrasive cleaner specifically designed for stainless steel. Avoid harsh chemicals, abrasive pads, or acidic cleaners, as these can damage the finish.
- **Nozzle Maintenance:** Periodically inspect the silicone nozzles on the shower head for mineral buildup. Gently rub them to dislodge any deposits.
- **Valve Inspection:** If you notice issues with temperature control or water flow, it may indicate a need for professional inspection of the thermostatic cartridge.

## 7. TROUBLESHOOTING

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This section addresses common issues you might encounter.

- **Low Water Pressure:**

- Check if the main water supply valve is fully open.
- Inspect shower head nozzles for blockages and clean them.
- Ensure your household water pressure meets the recommended 60 Psi.

- **LED Lights Not Working:**

- Verify that the dedicated wall switch for the LED lights is in the 'ON' position.
- Check the electrical connection to the shower head. This may require professional electrical inspection.
- Ensure the power supply (120V) is active.

- **Inconsistent Water Temperature:**

- Ensure the thermostatic valve is correctly set.
- If the issue persists, the thermostatic cartridge may require inspection or replacement by a qualified plumber.

For issues not covered here, please contact customer support.

## 8. SPECIFICATIONS

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Feature	Specification
Brand	Cascada Showers
Model Number	CSLED837002
Shower Head Size	15" x 28" (380 x 700 mm)
Material	SUS 304 Stainless Steel
Finish Type	Polished
Number of Handles	6
LED Power	Electric, 120V
LED Light Color	Warm White (single color)
Installation Type	Recessed Ceiling Mount
Valve Core Material	Brass with VERNET Thermostatic Cartridge
Water Flow	1.8 GPM per function
Water Pressure	60 Psi (recommended)
Thread Connections	3/4" NPT Inlet (Hot/Cold), 1/2" NPT Outlet (each function)
Item Weight	52 pounds
UPC	687747729083

## 9. WARRANTY INFORMATION

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The Cascada Showers CSLED837002 Luxurious Recessed LED Shower System comes with a one-year warranty covering the product itself and a separate one-year warranty specifically for the LED lights. Please retain your proof of purchase for warranty claims.

## 10. SUPPORT

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For further assistance, technical support, or warranty claims, please contact Cascada Showers customer service. You can find more information and contact details by visiting the official [Cascada Showers Store on Amazon](#).