

## DELTA 5P-EST10-BL

# Delta Faucet SimpleSteam 10kW Steam System Kit User Manual

Model: 5P-EST10-BL

## 1. INTRODUCTION AND OVERVIEW

This manual provides detailed instructions for the installation, operation, and maintenance of your Delta Faucet SimpleSteam 10kW Steam System Kit. This kit includes a 10kW steam system generator, a square digital system control, and a square steam head, all in a matte black finish. Please read this manual thoroughly before installation and use to ensure proper function and safety.



Image 1.1: The Delta Faucet SimpleSteam 10kW Steam System Kit, featuring the steam generator, square digital control, and square steam head.

The Delta SimpleSteam system is designed to provide a luxurious steam shower experience. The compact generator can be installed in various discreet locations, and the digital control allows for easy temperature adjustment. The steam head efficiently distributes steam throughout the shower area.



Image 1.2: An illustration detailing the operational flow of the SimpleSteam system, from control input to steam generation and distribution.

## 2. SAFETY INFORMATION

Please observe the following safety precautions to prevent injury or damage to the product:

- Installation must be performed by a qualified professional in accordance with all local plumbing and electrical codes.
- Ensure the steam generator is properly grounded.
- Do not operate the steam system if any components are damaged.

- Keep children and pets away from the steam head during operation.
- Avoid direct contact with the steam head or steam plume, as temperatures can be very high.
- Always ensure adequate ventilation in the steam shower area.
- Disconnect power before performing any maintenance or service.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65 warning).

### **3. PACKAGE CONTENTS**

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Verify that all components are present before beginning installation:

- Delta Faucet SimpleSteam 10kW Steam System Generator
- Delta Faucet SimpleSteam Square Digital System Control
- Delta Faucet SimpleSteam Square Steam Head
- 35-foot control cable (alternative length extension cables sold separately)
- Installation hardware (screws, anchors, etc. - specific to generator and control mounting)

### **4. INSTALLATION GUIDELINES**

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Proper installation is crucial for the safe and efficient operation of your steam system. Consult a qualified plumber and electrician for installation.

#### **4.1 Steam Shower Area Requirements**

- The shower area, including the ceiling, must be completely enclosed, insulated, tiled, and waterproof.
- Ceramic tile, acrylic, porcelain, or other non-porous materials are recommended to retain heat effectively.
- Generators are suitable for steam showers up to 675 cubic feet with an 8-foot ceiling (10 ft. maximum).



# STEAM SHOWER INSTALLATION GUIDELINES

## STEAM SHOWER INSTALLATION

- Shower area—including ceiling—must be completely enclosed, insulated, tiled and waterproof
- Ceramic tile, acrylic, porcelain or other non-porous materials recommended to retain heat

## GENERATOR SELECTION & INSTALLATION

- Generators are available for steam showers up to 675 cubic feet with an 8-foot ceiling (10 ft. maximum)
- Generators can easily fit in a vanity, closet, insulated attic or basement and can be installed up to 50 feet from the shower area

Image 4.1: Visual representation of a properly prepared steam shower area, highlighting enclosure and material recommendations.

### 4.2 Generator Placement

The compact design of the SimpleSteam generator allows for flexible installation:

- It can be installed in a vanity, closet, or an insulated attic or basement.
- The generator can be installed up to 50 feet from the shower area.
- Ensure the chosen location provides adequate access for maintenance and is protected from freezing temperatures.

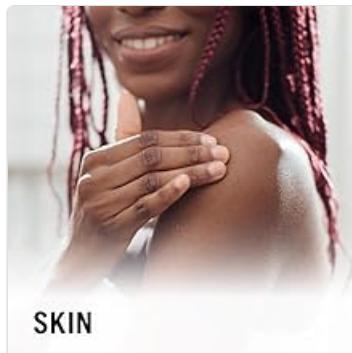


Image 4.2: The compact steam generator installed within a cabinet, demonstrating flexible placement options.

### 4.3 Electrical and Plumbing Connections

All electrical and plumbing connections must comply with local codes. The 10kW generator requires a 240V electrical supply. Refer to the detailed wiring diagrams and plumbing schematics provided in the full installation guide (not included in this summary) for specific connection points.

## 5. SETUP

After physical installation, the system requires initial setup:

- Power On:** Ensure all plumbing connections are secure and water supply is open. Turn on the electrical breaker supplying power to the steam generator.
- Initial Fill:** The generator will automatically fill with water. This process may take a few minutes.
- Control Panel Activation:** The digital control panel should illuminate. Follow any on-screen prompts for initial setup, such as setting the clock or preferred temperature units.
- Test Run:** Initiate a short steam cycle to verify proper operation and check for any leaks.

### 5.1 Essential Oil Reserve

The steam head includes an essential oil reserve for aromatherapy. To use, carefully add a few drops of your preferred essential oil into the designated reservoir on the steam head. Do not pour essential oils directly into the steam generator.



Image 5.1: Demonstrating the addition of essential oils to the steam head's integrated reserve for aromatherapy.

## 6. OPERATION

Operating your Delta SimpleSteam system is straightforward using the digital control panel.

### 6.1 Digital Control Panel

The square digital control allows you to adjust the temperature and turn the steam system on or off. The

screen displays the current temperature of the shower area until it reaches your set temperature.

- **Power Button:** Press to turn the steam system on or off.
- **Temperature Up/Down Arrows:** Use these buttons to set your desired steam temperature.
- **Display:** Shows the current temperature and other operational indicators.

Once activated, the steam generator's coils will boil water, sending steam through the steam head. The system typically takes 5-10 minutes to distribute steam evenly and smoothly throughout the shower area.

## 7. MAINTENANCE

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

### 7.1 Generator Descaling

Depending on your water quality, mineral deposits can accumulate in the steam generator. Periodic descaling is recommended. Refer to the full product manual for specific descaling procedures and recommended descaling agents.

### 7.2 Auto Drain and Generator Pan

For enhanced maintenance and protection, a generator pan and auto drain (model 5GA-PAD-240) are available for purchase separately. The auto drain feature automatically flushes the generator after each use, reducing mineral buildup. The generator pan provides an extra layer of protection against potential leaks.

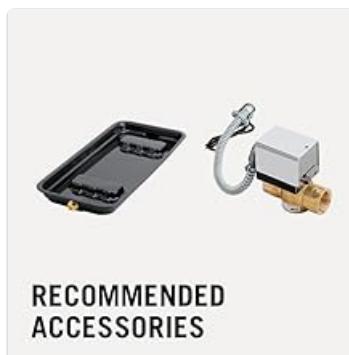


Image 7.1: Recommended accessories for steam generator maintenance and protection, including a generator pan and an auto drain.

### 7.3 Cleaning the Steam Head

Wipe the steam head with a soft, damp cloth as needed to remove any residue or essential oil buildup. Do not use abrasive cleaners.

## 8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No steam production.	No power to generator; water supply off; control cable disconnected; generator fault.	Check circuit breaker; ensure water valve is open; verify control cable connection; consult a professional if fault persists.

Problem	Possible Cause	Solution
Insufficient steam.	Shower area not properly sealed/insulated; generator undersized for space; mineral buildup.	Ensure shower enclosure is sealed; verify generator sizing (refer to specifications); descale generator.
Control panel not responding.	Control cable loose or damaged; power interruption.	Check control cable connection; cycle power to the generator.
Water leaking from generator.	Loose plumbing connection; internal component failure.	Immediately turn off water supply and power. Tighten connections. If leak persists, contact customer support.

For issues not listed here or if troubleshooting steps do not resolve the problem, please contact Delta Faucet customer support.

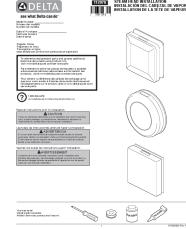
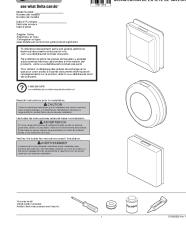
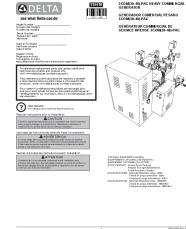
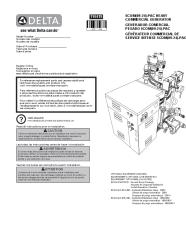
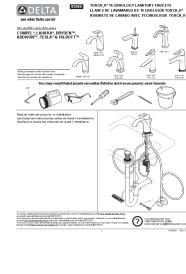
## 9. SPECIFICATIONS

<b>Brand</b>	DELTA
<b>Model Number</b>	5P-EST10-BL
<b>Power Output</b>	10kW
<b>Voltage</b>	240V
<b>Color</b>	Matte Black
<b>Material</b>	Stainless Steel (Generator)
<b>Product Dimensions (Generator)</b>	13.44"D x 19.63"W x 21.44"H
<b>Item Weight</b>	30.5 pounds (13.88 Kilograms)
<b>Installation Type</b>	Freestanding
<b>Included Components</b>	Generator, Square Control, Square Steam Head

## 10. WARRANTY AND SUPPORT

Your Delta Faucet SimpleSteam System Kit is covered by a Limited Lifetime Warranty. This warranty covers defects in material and manufacturing for the original consumer purchaser. For full details regarding warranty coverage, limitations, and how to make a claim, please refer to the official warranty documentation included with your product or visit the Delta Faucet website.

For technical assistance, troubleshooting, or to purchase replacement parts, please contact Delta Faucet customer support. You can also visit the official [DELTA Store](#) for more product information and resources.

	<p><b><a href="#">Delta Steam Head and Control Installation Guide</a></b></p> <p>Comprehensive installation and operation guide for Delta Steam Head and EP103305/5P-EST Series Steam Bath Controls, including safety precautions and warranty information.</p>
	<p><b><a href="#">Delta Steam Bath Control System: 5P-EST Series &amp; EP103305 Installation and Operation Manual</a></b></p> <p>This manual provides detailed instructions for the installation, operation, and features of the Delta 5P-EST Series and EP103305 Steam Bath Control Systems. It includes safety precautions, control features, installation steps, operating procedures, troubleshooting, and warranty information.</p>
	<p><b><a href="#">Delta Steam Head and Digital Interface Installation Guide</a></b></p> <p>Comprehensive installation and operation guide for Delta steam bath systems, covering the steam head (model 112970) and digital interface (models 5CN-550L, 5CH-550L, 5CB-550L), including setup, wiring, and feature usage.</p>
	<p><b><a href="#">Delta Commercial Steam Generator 5COM(30-48)-PAC Installation and Operation Manual</a></b></p> <p>This document provides installation, operation, and safety guidelines for the Delta Commercial Steam Generator 5COM(30-48)-PAC. It covers pre-installation requirements, plumbing and electrical connections, digital command center operation, and warranty information.</p>
	<p><b><a href="#">Delta 5COM(09-24)-PAC Heavy Commercial Steam Generator Installation and Operation Manual</a></b></p> <p>This document provides installation, operation, and safety guidelines for the Delta 5COM(09-24)-PAC Heavy Commercial Steam Generator. It includes detailed instructions for plumbing, electrical connections, and control package setup, along with important safety warnings and warranty information.</p>
	<p><b><a href="#">Delta Touch2O Technology Lavatory Faucets - Installation, Warranty, and Maintenance Guide</a></b></p> <p>Comprehensive guide for Delta Touch2O Technology Lavatory Faucets, including installation, cleaning, care, limited warranty, maintenance, and troubleshooting. Covers models like COMPEL, LAHARA, DRYDEN, ADDISON, TESLA, and TALBOTT with Touch2O technology.</p>