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Delta Velum 539-SSMPU-DST Single Handle Bathroom Faucet Instruction Manual

Brand: DELTA | Model: 539-SSMPU-DST

INTRODUCTION

The Delta Velum Bath Collection combines versatile style with clean curves, offering a modern aesthetic suitable for contemporary and transitional bathrooms. This manual provides detailed instructions for the installation, operation, and maintenance of your Delta Velum 539-SSMPU-DST single handle bathroom faucet.

Your Delta faucet features patented DIAMOND Seal Technology, designed for long-lasting, leak-free performance. It is also WaterSense labeled, using at least 20% less water than the industry standard without compromising performance, helping you conserve water.

SAFETY INFORMATION

- Always turn off the water supply to the faucet before beginning any installation or maintenance.
- Wear safety glasses during installation to protect your eyes.
- Ensure all connections are secure to prevent leaks.
- This faucet is certified to NSF/ANSI Standard 61, ensuring product safety and compliance with no-lead standards.

SETUP AND INSTALLATION

This Delta Velum faucet is designed for 1 or 3-hole, 4-inch installations. An optional deck plate with a gasket seal is included to prevent leaks under the faucet.

Tools Required:

- Adjustable Wrench (2x recommended)
- Safety Glasses
- Towel
- Pot or Bucket
- Flashlight (for dark spaces)
- Plumber's Tape (if replacing the drain)
- Silicone (for uneven sink surfaces)

Installation Steps:

1. **Prepare the Faucet:** If using the optional deck plate for a 3-hole installation, feed the PEX supply lines and mounting stud through the center of the escutcheon plate. Ensure the gasket's ridge faces up. For single-hole installations, use the plastic gasket provided, ensuring the ridge faces up.
2. **Mount the Faucet:** Feed the PEX supply lines down through the center hole of your sink. Carefully place the faucet onto the sink, ensuring it is centered. If your sink surface is uneven, apply a thin ring of silicone around the hole before placing the faucet.
3. **Secure the Faucet:** From underneath the sink, secure the faucet to the sink deck using the provided bracket. Ensure the bumps on the bracket face up and the curved side faces the back wall. Use the included wrench to tighten the nut onto the mounting stud.
4. **Connect Supply Lines:** Connect the color-coded PEX supply lines (red for hot, blue for cold) to your stub-outs. Hand-tighten first, then use an adjustable wrench for one 360-degree rotation to ensure a secure, leak-free connection.
5. **Flush the Faucet:** Before final use, flush the lines to remove any debris. Remove the aerator cartridge from the spout using the included aerator wrench. Turn on the water to a full mixed position (equal hot and cold) for about 30 seconds. Use a washcloth to manage splashing. Reinstall the aerator cartridge.
6. **Check for Leaks:** After flushing and reassembling, thoroughly check all connections and the faucet base for any leaks.

Visual Guide:

Your browser does not support the video tag.

Video: How To Install Delta 1-Handle Lav Faucet. This video provides a step-by-step guide on installing your Delta single handle bathroom faucet, covering mounting, connecting supply lines, and flushing the system.

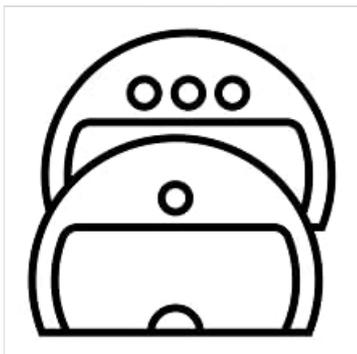


Image: 1 or 3 Hole Installation. This diagram illustrates how the faucet can be installed in either a single-hole or a three-hole sink configuration, utilizing the optional deck plate for three-hole setups.

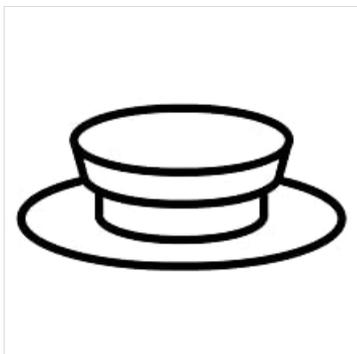


Image: Drain Assembly. A close-up view of the metal push-pop drain assembly included with the faucet, showing its components for easy installation and operation.

OPERATING INSTRUCTIONS

Faucet Operation:

The Delta Velum faucet features a single handle for controlling both water temperature and flow. Lift the handle to turn on the water and push it down to turn it off. Move the handle left for hot water and right for cold water. Adjust the handle position to achieve your desired temperature and flow rate.

Push-Pop Drain Operation:

The included metal push-pop drain assembly allows for easy opening and closing of the drain. Simply press down on the drain stopper to close it and retain water in the sink. Press down again to open the drain and allow water to flow out.

MAINTENANCE

Cleaning:

To maintain the finish of your Delta faucet, clean it regularly with a soft, damp cloth. Avoid using abrasive cleaners, harsh chemicals, or polishes, as these can damage the finish. For stubborn spots, a mild soap and water solution can be used, followed by rinsing and drying.

DIAMOND Seal Technology:

Your Delta faucet is equipped with patented DIAMOND Seal Technology, which uses a tough diamond-embedded ceramic disc. This technology eliminates wear on seals, ensuring leak-free operation for the life of the faucet and lasting twice as long as the industry standard. InnoFlex PEX supply lines are integrated into the faucet for one less leak point and are made to resist cracks, kinks, and corrosion.



Image: DIAMOND Seal Technology. This graphic highlights the patented DIAMOND Seal Technology, emphasizing its durability and leak-free performance.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Low Water Flow	Debris in supply lines or aerator, kinked supply lines.	Flush supply lines (see Setup), clean or replace aerator, check for kinks in lines.
Leaks at Faucet Base	Loose mounting nut, improper gasket placement.	Tighten mounting nut from underneath the sink, ensure gasket is correctly seated.
Leaks at Supply Line Connections	Loose connections.	Tighten connections with an adjustable wrench.
Difficulty Adjusting Temperature	Cartridge issue or debris.	Contact Delta Customer Service for assistance.

SPECIFICATIONS

Feature	Detail
Brand	DELTA
Model Name	Velum™
Part Number	539-SSMPU-DST
Color	Stainless
Finish Type	Brushed
Material	Brass
Spout Design	Curved Spout
Number of Handles	1
Installation Type	Single Hole (fits 1 or 3-hole 4 in. installations)
Hole Count	1
Special Feature	Pop Up Drain (Metal Push-Pop Drain Assembly included)
Included Components	Deck Plate, Handle, Faucet, Mounting Hardware
Product Dimensions	6.25"D x 6"W x 7.56"H
Item Weight	4.11 Pounds
Water Efficiency	WaterSense Labeled (uses at least 20% less water)
Lead Compliance	NSF/ANSI Standard 61 Certified (No Lead Compliant)

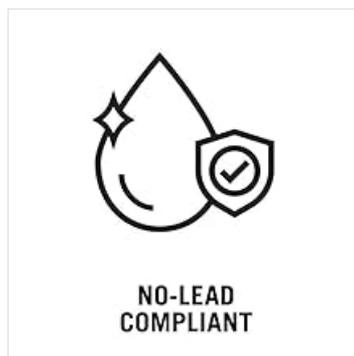


Image: WaterSense and No-Lead Compliant. These icons confirm the faucet's adherence to water efficiency and lead-free standards.

WARRANTY INFORMATION

The Delta Velum 539-SSMPU-DST faucet is backed by Delta's Lifetime Faucet and Finish Lifetime Limited Warranty. This warranty ensures quality and performance for the life of the product, covering both the faucet's function and its finish against defects in material and workmanship.



LIFETIME LIMITED WARRANTY

Image: Lifetime Limited Warranty. A visual representation of the product's lifetime limited warranty.

CUSTOMER SUPPORT

For any questions, assistance, or troubleshooting not covered in this manual, please contact Delta Customer Service. Our highly trained customer care team is ready to help.

Phone: 1-800-345-DELTA (3358)

Website: deltafaucet.com



WE'RE HERE FOR YOU

Our highly trained customer care team is ready to help on the spot when you call **1-800-345-3358**

J.D. POWER
2022 CERTIFIED CUSTOMER SERVICE PROGRAM

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2023 CERTIFIED CUSTOMER SERVICE PROGRAM

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2024 CERTIFIED CUSTOMER SERVICE PROGRAM

Delta Faucet Company has been recognized by J.D. Power by providing **“AN OUTSTANDING CUSTOMER SERVICE EXPERIENCE”** for phone support 3 years in a row.

J.D. Power 2022, 2023, and 2024 Certified Customer Service Program® recognition is based on successful completion of an evaluation and exceeding a customer satisfaction benchmark through a survey of recent servicing interactions. For more information, visit www.jdpower.com/benchmark.

Image: Delta Customer Service. This image emphasizes the availability of customer support for any product-related inquiries.