

AVSIILE AVS-PB-G02

AVSIILE LED Bathroom Sink Faucet (Model AVS-PB-G02) Instruction Manual

Brushed Gold Waterfall Single Hole Handle Vanity Faucet

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your AVSIILE LED Bathroom Sink Faucet, Model AVS-PB-G02. Please read this manual thoroughly before installation and use to ensure proper function and longevity of the product. Retain this manual for future reference.

Safety Information

- Always turn off the main water supply before beginning any installation or maintenance.
- Wear appropriate personal protective equipment, such as safety glasses and gloves, during installation.
- If you are unsure about any part of the installation process, consult a qualified plumber.
- Ensure all connections are secure to prevent leaks.
- Do not use abrasive cleaners or harsh chemicals on the faucet finish.

2. PACKAGE CONTENTS

Verify that all components listed below are included in your package before beginning installation. If any parts are missing or damaged, please contact AVSIILE customer support.

- LED Bathroom Sink Faucet (Main Unit)
- Deck Plate (Optional, 6.3 inches)
- Pop-Up Drain Assembly
- Hot and Cold Water Supply Lines (24 inches)
- Mounting Hardware (Gasket, Washer, Mounting Nut)
- Instruction Manual (This document)
- Tailpiece



Figure 1: Included Components. This image displays the main faucet unit, deck plate, pop-up drain, water supply lines, and various mounting hardware.

3. PRODUCT SPECIFICATIONS

Feature	Detail
Model Name	AVS-PB-G02
Brand	AVSIILE
Material	Solid 304 Stainless Steel (H59 Brass internal components)
Finish	Brushed Gold
Mounting Type	Deck Mount (Single Hole or 3-Hole with Deck Plate)
Number of Handles	1

Spout Design	Waterfall
Special Features	Temperature-Sensitive LED Aerator, Pop Up Drain, Lead-Free, Leak Resistant
Maximum Flow Rate	1.2 Gallons Per Minute (GPM)
Product Dimensions (D x W x H)	4.13" x 6.3" x 7.1"
Item Weight	3.94 pounds
Water Supply Hose Length	24 inches
Batteries Required	No (LED powered by water flow)

Dimensions and Compatibility

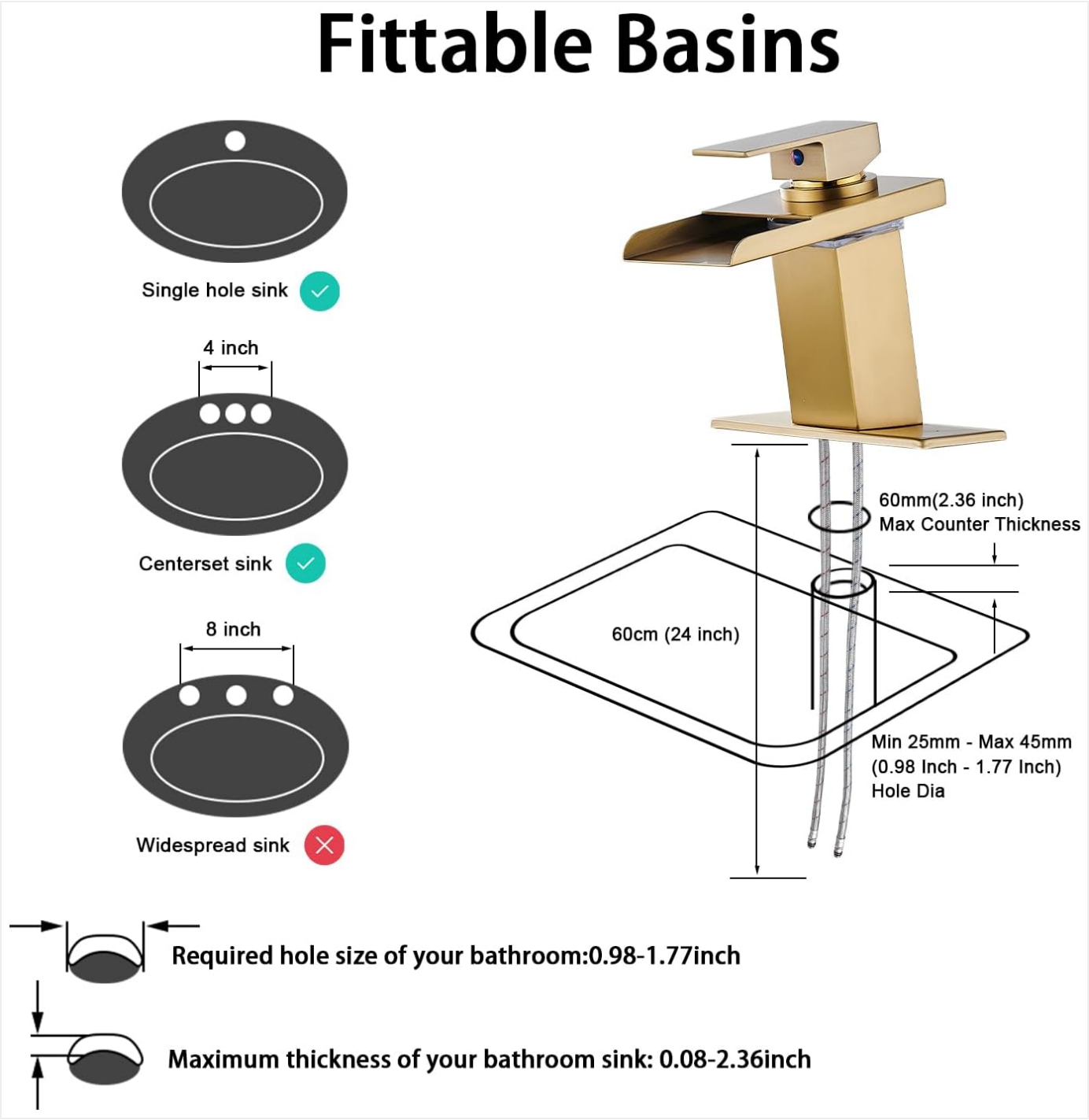


Figure 2: Faucet Dimensions. This diagram illustrates the key measurements of the faucet for installation planning.

SINGLE HANDLE

Smooth effortless
handle operation

CARTRIDGE

Rigorously tested to ensure leak-free
performance

MORE SILENT

New wide waterfall spout
Quieter technology

DECK PLATE

Length: 6.3inch , width:2.3inch
Designed to be installed through 1 or 3

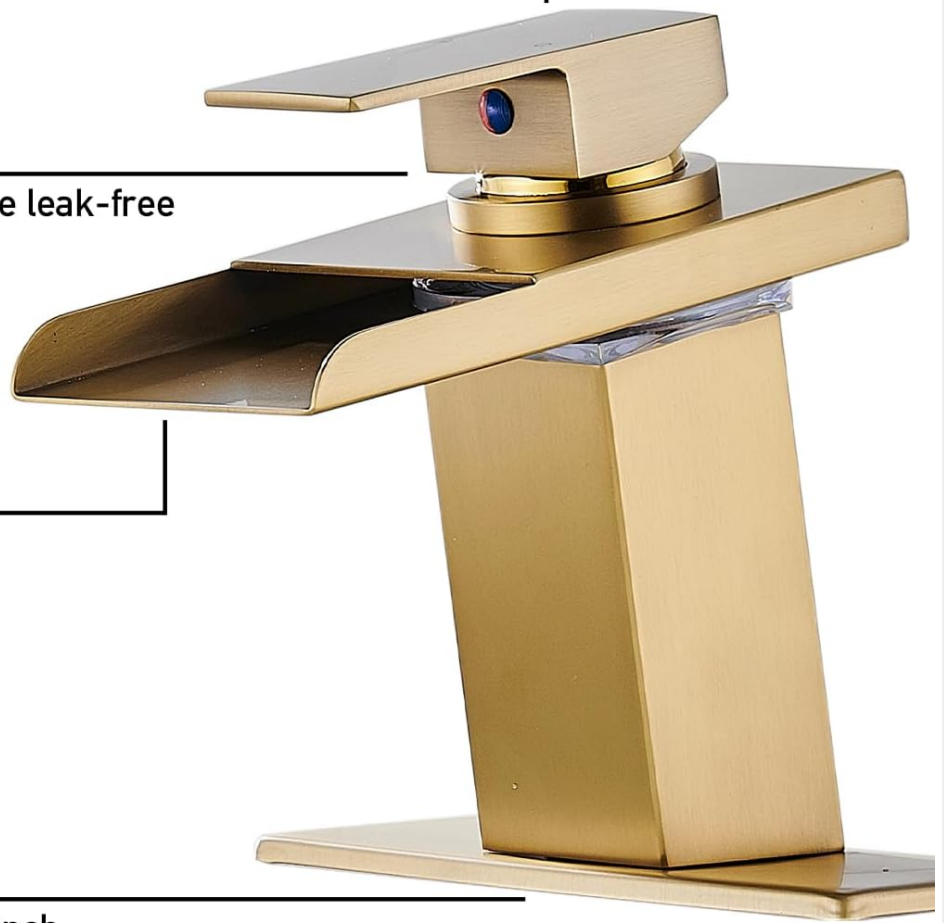


Figure 3: Basin Compatibility. This image shows that the faucet is suitable for single-hole and 4-inch centerset sinks, but not 8-inch widespread sinks. It also details required hole size and maximum counter thickness.

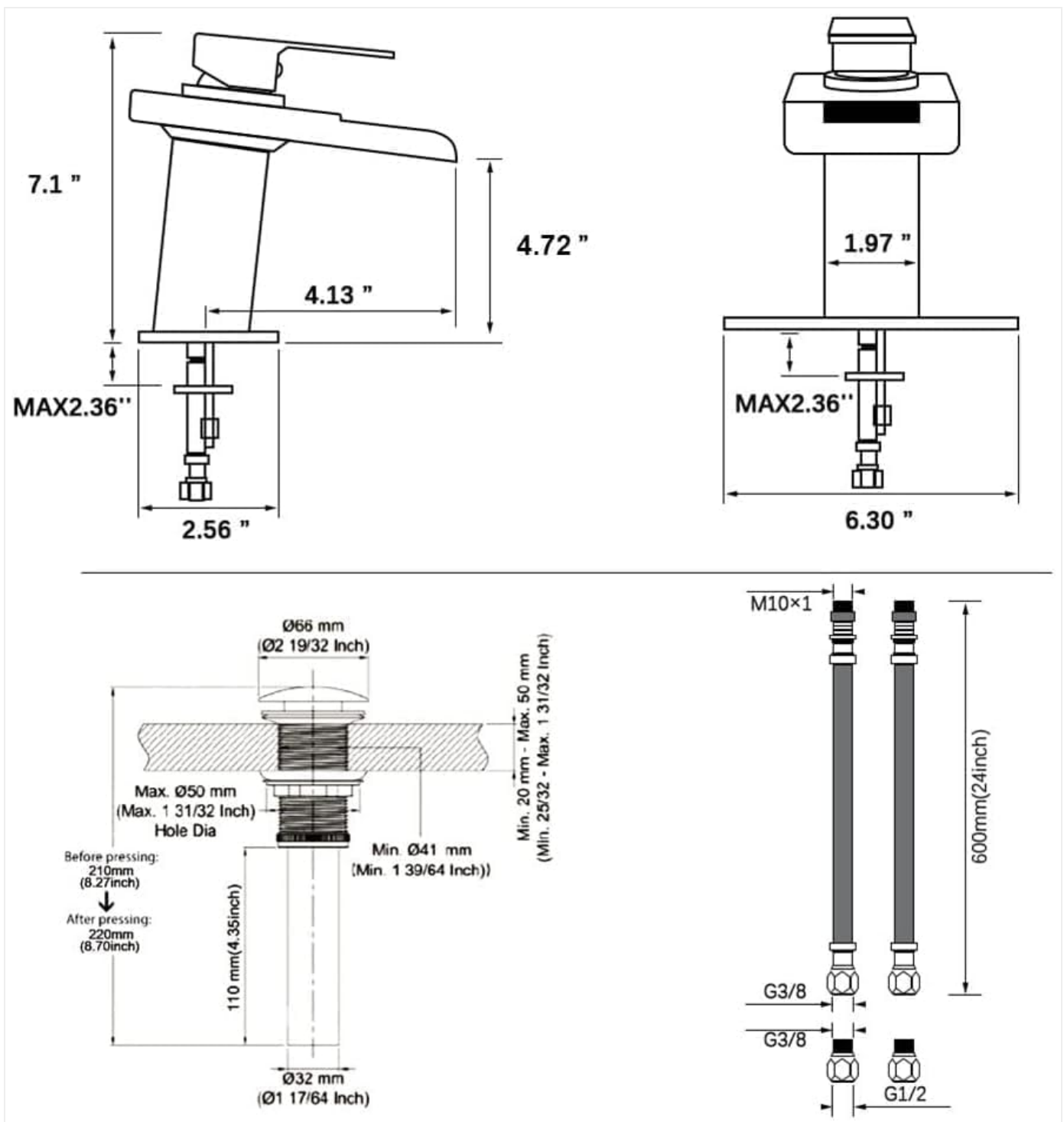


Figure 4: Pop-Up Drain Dimensions. This diagram provides critical measurements for the included pop-up drain, indicating compatibility with basins without overflow.

DIMENSION



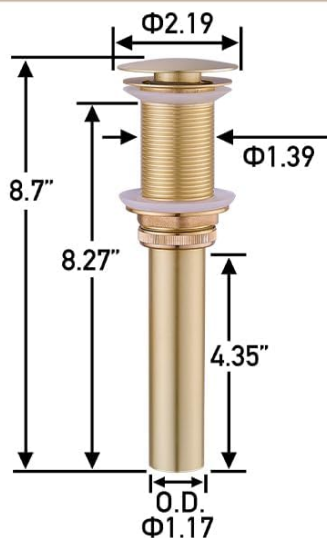
Brass and Stainless Steel
All-Metal & Rustproof
Solid Metal Construction
Multiple Anti-leakage
Non-overflow Drain



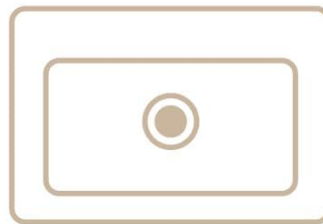
✗ With overflow



✓ Without overflow



Drain Hole Diameter



Hole Size Requirement



Min:1.63"
Max:1.97"

Basin Thickness



Min:0.79"
Max:1.97"

Figure 5: Water Supply Lines. This image details the specifications of the included 24-inch water supply hoses.

4. INSTALLATION INSTRUCTIONS

Before You Begin

- Turn off the main water supply to your home.
- Clear the area under the sink for easy access.
- Ensure your sink has a compatible hole configuration (single hole or 4-inch centerset). Refer to Figure 3.
- Gather necessary tools: adjustable wrench, plumber's putty or silicone sealant, screwdriver, flashlight.

Faucet Installation Steps

1. **Prepare the Sink Hole:** If installing on a 3-hole sink, place the optional deck plate over the center hole. Ensure the rubber gasket is properly seated under the deck plate.
2. **Install the Faucet:** Insert the faucet body through the hole(s) in the sink/deck plate. Ensure the faucet is centered and the handle is facing forward.

3. **Secure the Faucet:** From underneath the sink, place the rubber washer, then the metal washer, and finally thread the mounting nut onto the faucet shank. Tighten the mounting nut securely with an adjustable wrench, ensuring the faucet is stable and straight. Do not overtighten.
4. **Connect Water Supply Lines:** Connect the hot and cold water supply lines (included) to the corresponding inlets on the bottom of the faucet. The lines are typically marked or color-coded (red for hot, blue for cold). Hand-tighten first, then use a wrench for a final quarter-turn. Connect the other ends of the supply lines to your hot and cold water shut-off valves.
5. **Install Pop-Up Drain:** Follow the separate instructions provided with the pop-up drain assembly. Ensure a watertight seal using plumber's putty or silicone sealant around the drain flange before inserting it into the sink drain hole. Connect the tailpiece to the P-trap.
6. **Check for Leaks:** Once all connections are made, slowly turn on the main water supply. Check all connections for leaks. If leaks are detected, tighten the connections slightly until the leak stops.

5. OPERATION

Using the Faucet

- **Water Flow:** Lift the single handle to turn on the water flow. The higher the handle is lifted, the greater the water flow.
- **Temperature Control:** Move the handle left for hot water and right for cold water. Adjust the handle position to achieve the desired water temperature.
- **Waterfall Spout:** The wide spout creates a gentle waterfall effect, enhancing the aesthetic and user experience.

LED Temperature Indicator

The AVSIILE LED Faucet features an innovative temperature-sensitive LED light system, powered by water flow, requiring no batteries or external power. The LED color changes to indicate the water temperature:

- **Blue Light:** Water temperature is $\leq 80^{\circ}\text{F}$ (26.7°C).
- **Green Light:** Water temperature is between 80°F (26.7°C) and 110°F (43.3°C).
- **Red Light:** Water temperature is $\geq 110^{\circ}\text{F}$ (43.3°C).
- **Flashing Red Light:** Water temperature is $>118^{\circ}\text{F}$ (47.8°C), indicating very hot water.

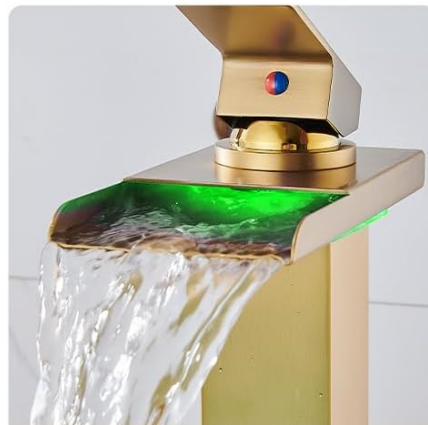


LED INNOVATION

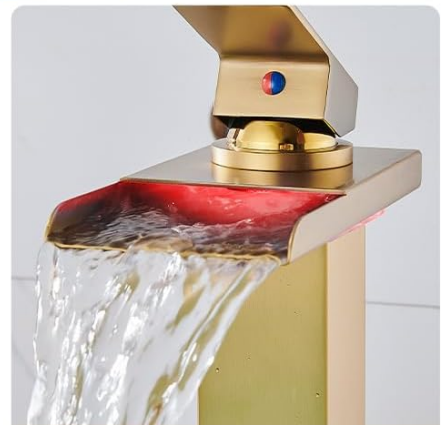
Temperature sensitive faucet



Blue light $\leq 80^{\circ}\text{F}$



Green light $80^{\circ}\text{F} - 110^{\circ}\text{F}$



Red light $110^{\circ}\text{F} - 118^{\circ}\text{F}$

Red light flashing $> 118^{\circ}\text{F}$

Figure 6: LED Temperature Indication. This image visually explains how the LED light changes color based on water temperature.

AVSIILE

SPOT RESIST

WITHOUT SPOT

SPOT RESIST FINISH

Keep your faucet looking cleaner with a finish that resists fingerprints and water spots

Figure 7: Faucet in Operation. This image demonstrates the faucet in use with the LED light active.

6. MAINTENANCE

Cleaning the Faucet

- To maintain the brushed gold finish, clean regularly with a soft, damp cloth.
- Use mild soap and water if necessary, then rinse thoroughly and dry with a soft cloth to prevent water spots.
- **Do not use abrasive cleaners, harsh chemicals, or scouring pads** as these can damage the finish and void the warranty.
- For stubborn water spots, a 50/50 solution of white vinegar and water can be used, followed by a thorough rinse and dry.

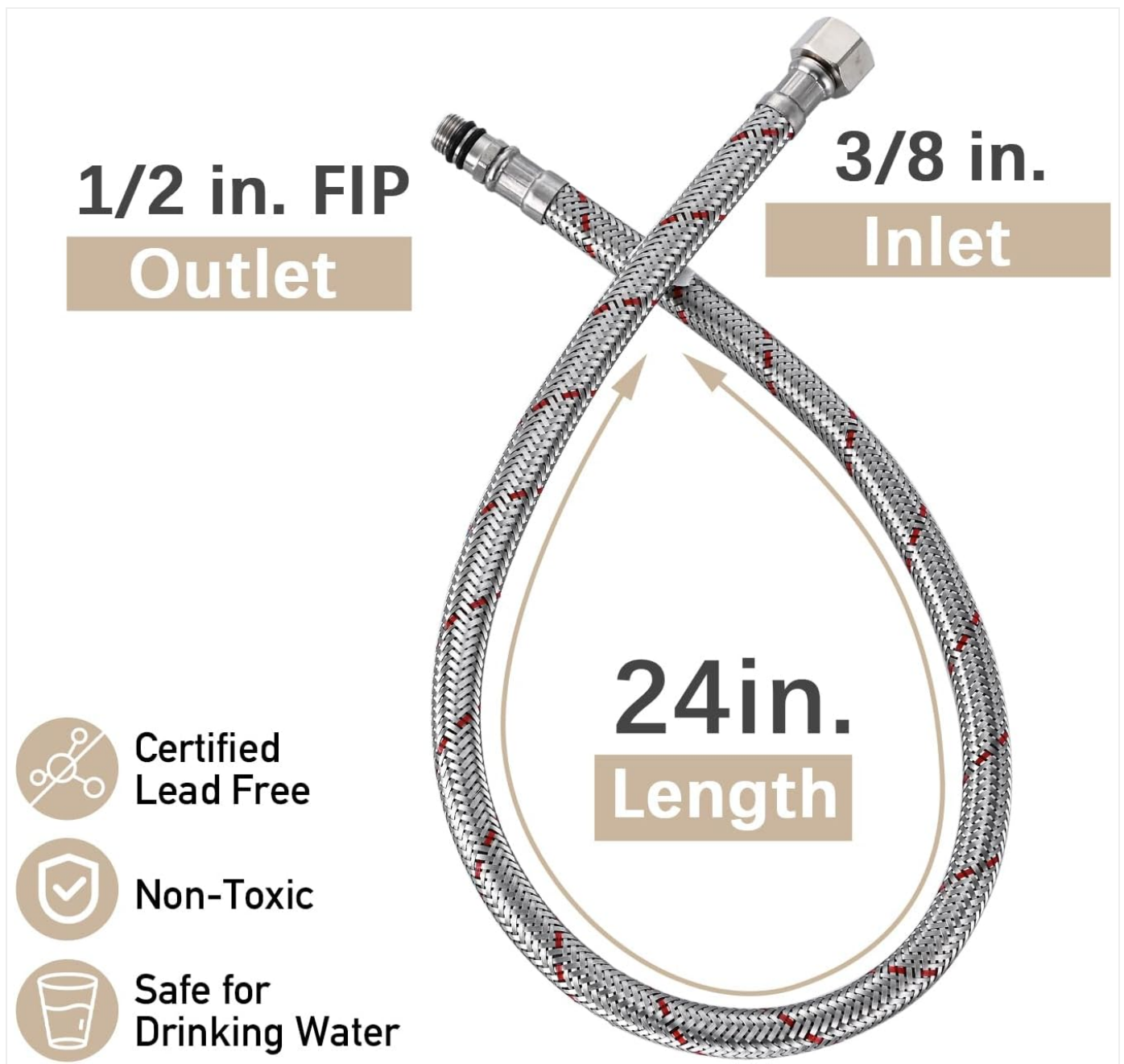


Figure 8: Spot Resist Finish. This image highlights the benefit of the faucet's finish in resisting fingerprints and water spots, making it easier to maintain a clean appearance.

Aerator Maintenance

Periodically check the aerator for mineral buildup or debris, which can affect water flow and LED function. If necessary, unscrew the aerator (usually located at the tip of the spout), clean it with a soft brush and vinegar solution, then rinse and reattach.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Low Water Flow	◦ Partially closed shut-off valves. ◦ Clogged aerator. ◦ Debris in water supply lines.	◦ Fully open hot and cold water shut-off valves. ◦ Clean or replace the aerator. ◦ Flush water supply lines.
Faucet Leaks from Base	◦ Loose mounting nut. ◦ Improperly seated gasket.	◦ Tighten the mounting nut under the sink. ◦ Re-seat the gasket and ensure it's flat.

Dripping from Spout	◦ Worn or damaged ceramic disc cartridge.	◦ Contact customer support for a replacement cartridge.
LED Light Not Working	◦ Insufficient water flow to power the LED generator. ◦ Debris blocking the LED generator.	◦ Ensure water pressure is adequate. ◦ Clean the aerator and check for blockages in the spout.

8. WARRANTY AND CUSTOMER SUPPORT

Warranty Information

AVSIILE products are manufactured to high-quality standards and are backed by a standard manufacturer's warranty against defects in materials and workmanship. For specific warranty terms and conditions, please refer to the warranty card included with your purchase or contact AVSIILE customer support. Keep your proof of purchase for warranty claims.

Customer Support

If you have any questions, require assistance with installation, or need to report a missing or damaged part, please contact AVSIILE customer support. You can typically find contact information on the product packaging or the official AVSIILE website. For online support, visit the [AVSIILE Store on Amazon](#).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

