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Aqua Vista 22-K81WS-CH-AV

Aqua Vista 22-K81WS-CH-AV Kitchen Sink Faucet and Highcraft CNCT27124-OM-2 Faucet Supply Line User Manual

This manual provides detailed instructions for the installation, operation, and maintenance of your Aqua Vista 22-K81WS-CH-AV Kitchen Sink Faucet with Side Spray and Highcraft CNCT27124-OM-2 Faucet Supply Line.

Product Overview

The Aqua Vista 22-K81WS-CH-AV Kitchen Sink Faucet is a single-handle, polished chrome fixture designed for kitchen sinks. It features a convenient side spray for enhanced functionality. This product bundle also includes the Highcraft CNCT27124-OM-2 Faucet Supply Lines, ensuring a secure and leak-free connection to your water supply.



Figure 1: Aqua Vista 22-K81WS-CH-AV Kitchen Sink Faucet with Side Spray and Highcraft CNCT27124-OM-2 Faucet Supply Lines. This image displays all components included in the product bundle, showcasing the polished chrome finish of the faucet and the braided stainless steel of the supply lines.

The faucet's single-control lever allows for easy adjustment of both water flow and temperature. Its durable, lead-free brass construction and washerless cartridge system are designed for long-lasting, drip-free performance. The included side sprayer simplifies tasks such as washing dishes, pots, pans, and clearing the sink.



Figure 2: Aqua Vista Faucet and Side Spray installed in a kitchen sink. This image highlights the polished chrome finish and the functional side spray feature in a typical kitchen environment.

Setup and Installation

What's in the Box

- Aqua Vista 22-K81WS-CH-AV Kitchen Sink Faucet
- Side Sprayer
- Deck Plate
- Highcraft CNCT27124-OM-2 Faucet Supply Lines (2x)

Tools Required (Not Included)

- Adjustable Wrench
- Basin Wrench (optional, for tight spaces)

- Phillips Head Screwdriver
- Plumber's Putty or Silicone Sealant
- Bucket and Rags
- Safety Glasses

Pre-Installation Considerations

Before beginning installation, ensure your sink has the appropriate number of holes. This faucet is designed for installation on 1 or 3-hole deck sinks using the included deck plate, or 8-inch widespread sinks with a 4th hole specifically for the side spray. Refer to the dimensions diagram below to confirm compatibility with your sink and countertop.

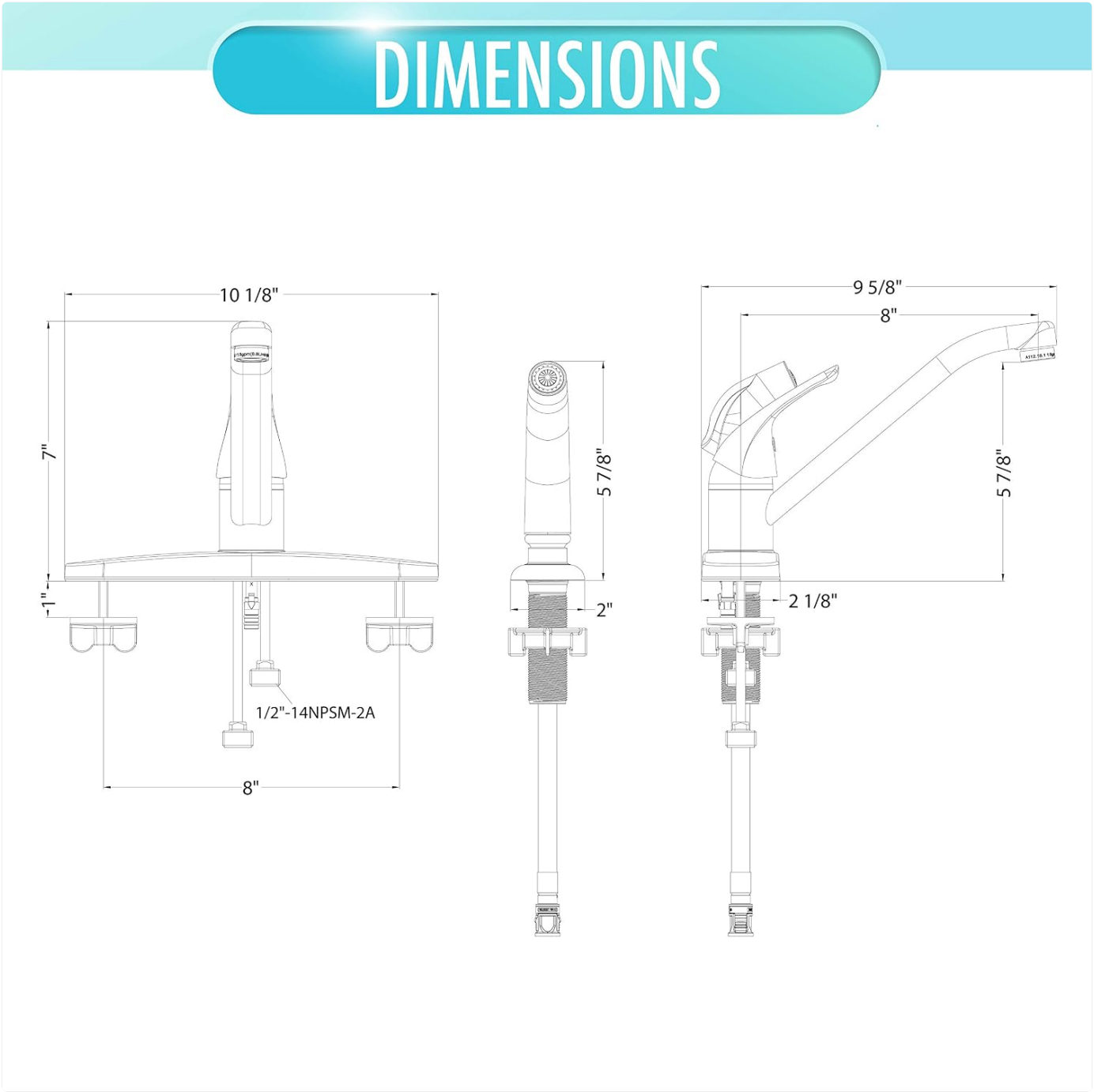


Figure 3: Dimensions of the Aqua Vista Kitchen Faucet and Side Spray. This diagram provides critical measurements for pre-installation planning and ensuring proper fit.

Installation Steps

1. **Turn Off Water Supply:** Locate the hot and cold water supply valves under your sink and turn them off completely. Open the existing faucet to drain any remaining water.

2. **Remove Old Faucet (if applicable):** Disconnect the old faucet's supply lines and mounting nuts. Carefully lift and remove the old faucet. Clean the sink surface thoroughly.
3. **Install Faucet Body:**
    - Apply a thin bead of plumber's putty or silicone sealant around the base of the new faucet or to the underside of the deck plate.
    - Insert the faucet body through the center hole(s) of the sink. If using the deck plate for a 1 or 3-hole sink, ensure it is properly aligned.
    - From underneath the sink, secure the faucet body with the provided mounting hardware (washer and nut). Tighten firmly but do not overtighten.
4. **Install Side Sprayer:**
    - Insert the side sprayer base into the designated hole on the sink or countertop.
    - Secure it from underneath with the provided mounting nut.
    - Connect the sprayer hose to the designated port on the faucet body.
5. **Connect Supply Lines:**
   The Highcraft CNCT27124-OM-2 Faucet Supply Lines are designed for easy and secure connection.



Figure 4: Highcraft CNCT27124-OM-2 Faucet Supply Lines. These braided stainless steel hoses ensure a burst-proof and leak-free connection.

    - Attach the 1/2 inch IPS brass nut end of the supply lines to the hot and cold water inlets on the faucet body. Hand-tighten, then use an adjustable wrench for a final quarter-turn.
    - Connect the 3/8 inch female compression end of the supply lines to your hot and cold water supply valves. Ensure a tight seal to prevent leakage.
6. **Check for Leaks:** Slowly turn on the hot and cold water supply valves. Inspect all connections for any signs of

leaks. Tighten connections as necessary.

7. **Flush Faucet:** Remove the aerator from the faucet spout. Turn on the faucet to full hot and cold for a few minutes to flush out any debris from the lines. Turn off the faucet, reattach the aerator, and test the flow.

Operating Instructions

Faucet Operation

The Aqua Vista faucet features a single lever handle for convenient control of water flow and temperature. Moving the handle up increases water flow, and moving it down decreases flow until it is off.



Figure 5: Close-up view of the Aqua Vista Faucet and Side Spray. This image details the single lever handle for water control and the design of the side spray nozzle.

Temperature Control

To adjust water temperature, move the single lever handle left for hot water and right for cold water. The handle's position between these extremes will provide a mixed temperature.

Side Sprayer Use

To use the side sprayer, simply lift it from its holder. Water will divert from the main spout to the sprayer when the sprayer's trigger or button is pressed (if applicable) or when the main faucet is turned on and the sprayer is activated. The sprayer is ideal for rinsing dishes, cleaning the sink basin, or filling pots.

Maintenance

Cleaning the Faucet

To maintain the polished chrome finish, clean the faucet regularly with a soft cloth and mild soap. Avoid abrasive cleaners, harsh chemicals, or scouring pads, as these can damage the finish. Rinse thoroughly with water and dry with a soft cloth to prevent water spots.

Aerator Maintenance

If water flow from the main spout becomes restricted, the aerator may be clogged with mineral deposits or debris. Unscrew the aerator from the end of the spout, clean it under running water, and use a small brush if necessary. Reattach the aerator securely.

Supply Line Inspection

Periodically inspect the Highcraft supply lines for any signs of wear, kinks, or leaks. While designed to be burst-proof, regular checks ensure continued optimal performance and prevent potential water damage.

Troubleshooting

Before calling for service, please refer to the following troubleshooting guide. Many common issues can be resolved with simple steps.

Problem	Possible Cause	Solution
Low Water Flow	Clogged aerator; partially closed supply valves; debris in supply lines.	Clean or replace aerator. Ensure supply valves are fully open. Flush supply lines.
Faucet Leaks from Spout	Worn cartridge.	Contact customer support for a replacement cartridge.
Leaks at Base of Faucet	Improperly seated gasket or insufficient plumber's putty/sealant.	Re-seat faucet with fresh plumber's putty or silicone sealant. Tighten mounting nuts.
Side Sprayer Not Working or Leaking	Kinked hose; clogged sprayer head; loose connection.	Check hose for kinks. Clean sprayer nozzle. Tighten hose connection to faucet body.

Specifications

Feature	Detail
Brand	Aqua Vista
Model (Faucet)	22-K81WS-CH-AV

Feature	Detail
Model (Supply Line)	Highcraft CNCT27124-OM-2
Finish Type	Polished Chrome
Mounting Type	Deck Mount
Number of Handles	1 (Lever)
Maximum Flow Rate	1.8 Gallons Per Minute (GPM)
Installation Type	Single-hole deck mount, Widespread (with deck plate)
Special Features	Easy to Install, Lead Free, Washerless Cartridge System, Burst-Proof Supply Lines
Included Components	Faucet, Side Sprayer, Deck Plate, Supply Hoses

Warranty Information

Aqua Vista products are manufactured to high-quality standards and are backed by a limited warranty. For specific warranty details, including coverage period and terms, please refer to the warranty card included with your product packaging or visit the official Aqua Vista website. Please retain your proof of purchase for warranty claims.

Customer Support

If you have any questions, require technical assistance, or need to order replacement parts, please contact Aqua Vista customer support. Contact information can typically be found on the product packaging or the official Aqua Vista website. When contacting support, please have your product model number (22-K81WS-CH-AV) and purchase date ready.

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