Aqua Vista 22-K81WS-CH-AV

Aqua Vista 22-K81WS-CH-AV Kitchen Faucet with Side Spray User Manual

Model: 22-K81WS-CH-AV | Brand: Aqua Vista

1. Introduction

This manual provides instructions for the installation, operation, and maintenance of the Aqua Vista 22-K81WS-CH-AV Single-Handle Kitchen Faucet with Side Spray. This faucet is designed for kitchen sink applications and features a polished chrome finish.



Image 1.1: Aqua Vista 22-K81WS-CH-AV Kitchen Faucet with Side Spray, Polished Chrome.

Key features include:

- **Single-Handle Operation:** Allows for easy adjustment of water flow and temperature.
- **Side Spray:** A separate sprayer nozzle for convenient washing and rinsing.
- **Polished Chrome Finish:** Provides a durable and reflective surface.
- **Water Conservation:** Features a 1.8 GPM flow rate.
- **Lead-Free Brass Construction:** Ensures water quality and product longevity.

2. Safety Information

Before beginning installation or operation, please read and understand all instructions. Failure to follow these instructions may result in personal injury or property damage.

- Always turn off the main water supply before installing or servicing the faucet.

- Wear appropriate personal protective equipment, such as safety glasses, during installation.
- Ensure all connections are secure to prevent leaks.
- If you are unsure about any part of the installation process, consult a qualified plumber.



Image 2.1: Comparison highlighting the benefits of lead-free certified fixtures for water safety.

3. Package Contents

Verify that all components are present before beginning installation:

- Single Handle Kitchen Faucet
- Side Spray Nozzle
- Deck Plate (for 3-hole installation)
- Mounting Hardware
- Installation Instructions

Note: Connection hoses for the side sprayer are not included and must be purchased separately.

4. Specifications

Specification	Detail
Model Number	22-K81WS-CH-AV
Brand	Aqua Vista
Material	Brass
Finish Type	Polished Chrome
Number of Handles	1 (Single Handle)
Hole Count Required	3 or 4 (for faucet and side spray)
Installation Method	Deck Mount, Widespread
Flow Rate	1.8 GPM (Gallons Per Minute)
Spout Height	5.88 inches
Spout Reach	8 inches
Item Weight	1.01 kg
Item Dimensions (D x W x H)	2.5D x 25.7W x 17.8H centimetres

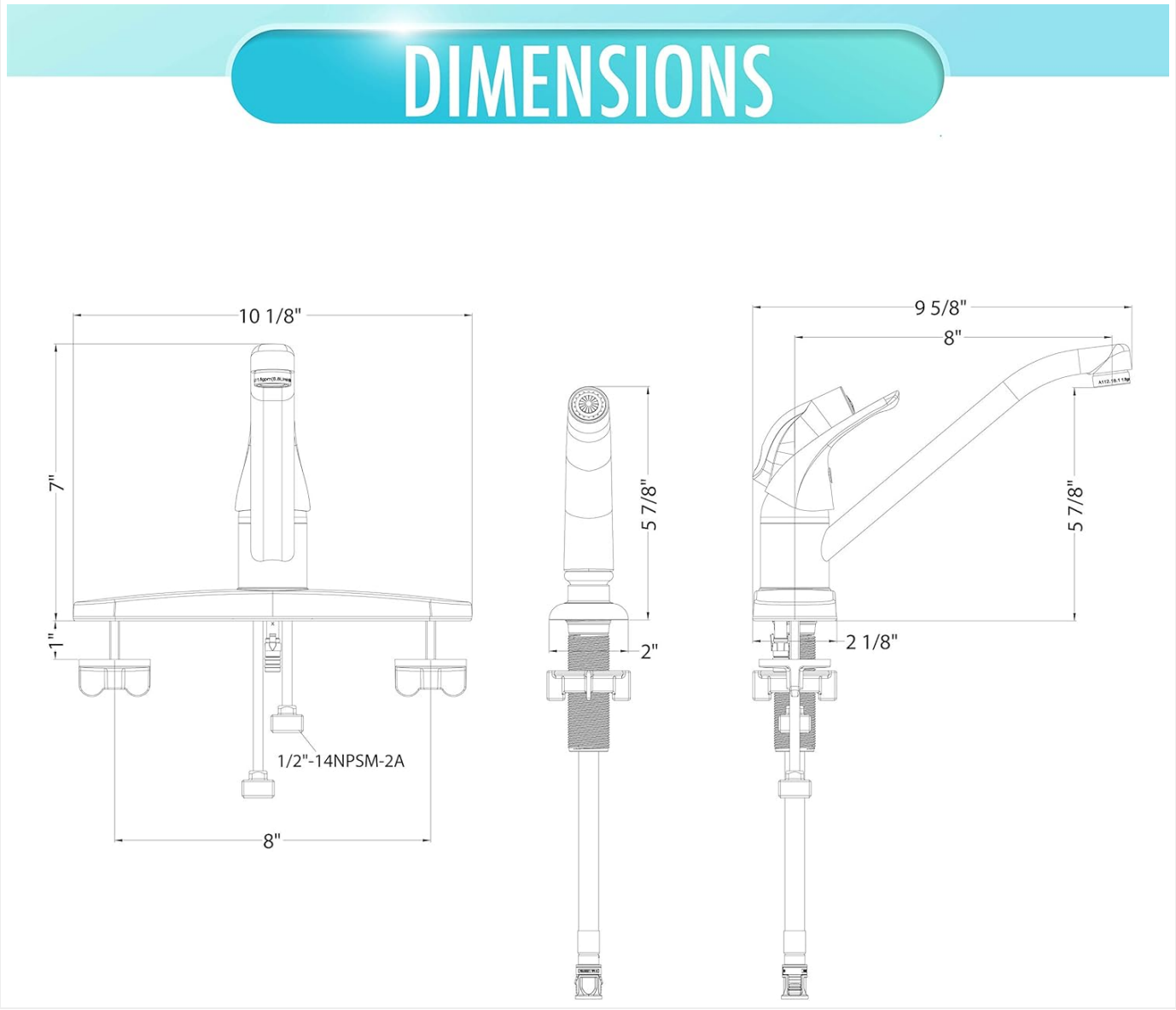


Image 4.1: Detailed dimensions of the Aqua Vista kitchen faucet and side spray.

5. Installation Instructions

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 for the side spray.

5.1. Preparation

1. Turn off the water supply to the sink at the shut-off valves.
2. Clear the area under the sink for access.
3. Remove the old faucet if applicable. Clean the sink surface thoroughly.
4. Gather necessary tools: adjustable wrench, screwdriver, plumber's putty or silicone sealant, and the separately purchased side sprayer connection hoses.

5.2. Faucet Installation

1. Apply plumber's putty or silicone sealant around the base of the faucet and the deck plate (if using).
2. Insert the faucet and deck plate into the appropriate holes on the sink.
3. From underneath the sink, secure the faucet using the provided mounting hardware. Ensure the faucet is centered and tightened securely.

4. Connect the hot and cold water supply lines to the corresponding inlets on the faucet. Use an adjustable wrench to tighten, but do not overtighten.

5.3. Side Spray Installation

1. Insert the side spray base into the designated fourth hole on the sink.
2. Secure the side spray from underneath the sink using its mounting nut.
3. Connect the side sprayer hose to the dedicated port on the faucet body. Ensure a tight connection, using plumber's tape if necessary, to prevent leaks.



Image 5.1: Aqua Vista faucet and side spray installed on a kitchen sink.

5.4. Final Steps

1. Turn on the main water supply slowly.
2. Check all connections for leaks. Tighten any leaking connections as needed.
3. Run water through the faucet and side spray for a few minutes to flush out any debris.

6. Operation

6.1. Faucet Handle Operation

The single lever handle controls both water flow and temperature:

- **Water Flow:** Lift the handle up to increase water flow and push down to decrease or turn off.
- **Water Temperature:** Move the handle to the left for hot water and to the right for cold water.



Image 6.1: Demonstrating the faucet in use for hand washing.

6.2. Side Spray Operation

To use the side spray:

- Ensure the main faucet handle is in the 'on' position.
- Press the button or lever on the side spray nozzle to activate the water flow through the sprayer.
- Release the button or lever to stop the water flow from the sprayer.



Image 6.2: A hand holding and operating the side spray nozzle.

7. Care and Maintenance

Proper care and maintenance will ensure the longevity and appearance of your Aqua Vista faucet.

- **Cleaning:** Clean the polished chrome finish with a soft, damp cloth and mild soap. Avoid abrasive cleaners, harsh chemicals, or scouring pads, as these can damage the finish.
- **Washerless Cartridge:** The faucet features a washerless cartridge system designed to prevent drips, reducing the need for frequent maintenance.
- **Aerator Maintenance:** Periodically unscrew the aerator at the end of the faucet spout and clean any mineral deposits or debris that may accumulate. Rinse and reattach.

8. Troubleshooting

Refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Low water pressure from side spray	Mineral buildup in sprayer head; kinked hose; low household water pressure.	Clean sprayer head; check hose for obstructions; consult a plumber for household water pressure issues.
Faucet drips after closing	Handle not fully closed; debris in cartridge.	Ensure handle is pushed down completely to the 'off' position. If dripping persists, the cartridge may need inspection or replacement by a professional.
Stiff faucet handle	Mineral buildup around cartridge; worn cartridge.	Over time, mineral deposits can affect handle movement. If cleaning does not resolve, the cartridge may require replacement.
Leaks at connections	Loose connections; improper sealing.	Ensure all connections are tightened securely. Apply plumber's tape to threaded connections if necessary. Check connections again after the first day of use.

9. Warranty and Support

Aqua Vista products are manufactured to high-quality standards. For specific warranty information, please refer to the documentation included with your purchase or contact Aqua Vista customer service directly. For technical support or replacement parts, please contact your retailer or the manufacturer.
Manufacturer: Homewerks Worldwide, LLC.

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