

Akicon AK415

Akicon AK415 Single-Hole Pull-Down Sprayer Copper Kitchen Sink Faucet User Manual

Model: AK415

Brand: Akicon

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your Akicon AK415 Single-Hole Pull-Down Sprayer Copper Kitchen Sink Faucet. Please read this manual thoroughly before installation and use to ensure proper function and longevity of your product. Keep this manual for future reference.

Safety Information

- Always turn off the main water supply before beginning any installation or repair work.
- Wear appropriate personal protective equipment, such as safety glasses and gloves, during installation.
- Ensure all connections are secure to prevent leaks.
- If you are unsure about any step, consult a qualified plumber.

2. WHAT'S IN THE BOX

Verify that all components are present before beginning installation:

- Faucet Handle
- Installation Hardware
- Sprayer Head
- Hot and Cold Water Supply Hoses
- Mounting Nut and Gasket
- Weight for Pull-Down Hose

3. SPECIFICATIONS

Feature	Specification
Brand	Akicon
Model Name	96415 (AK415)
Material	Brass
Color	Copper
Mounting Type	Deck Mount (Single Hole)
Number of Handles	1
Maximum Flow Rate	1.8 Gallons Per Minute
Spout Height	9.25 Inches
Spout Reach	12 Inches
Hose Length	12 Inches (retractable)
Special Features	Lead Free, Pull Down Sprayer

Dimensions

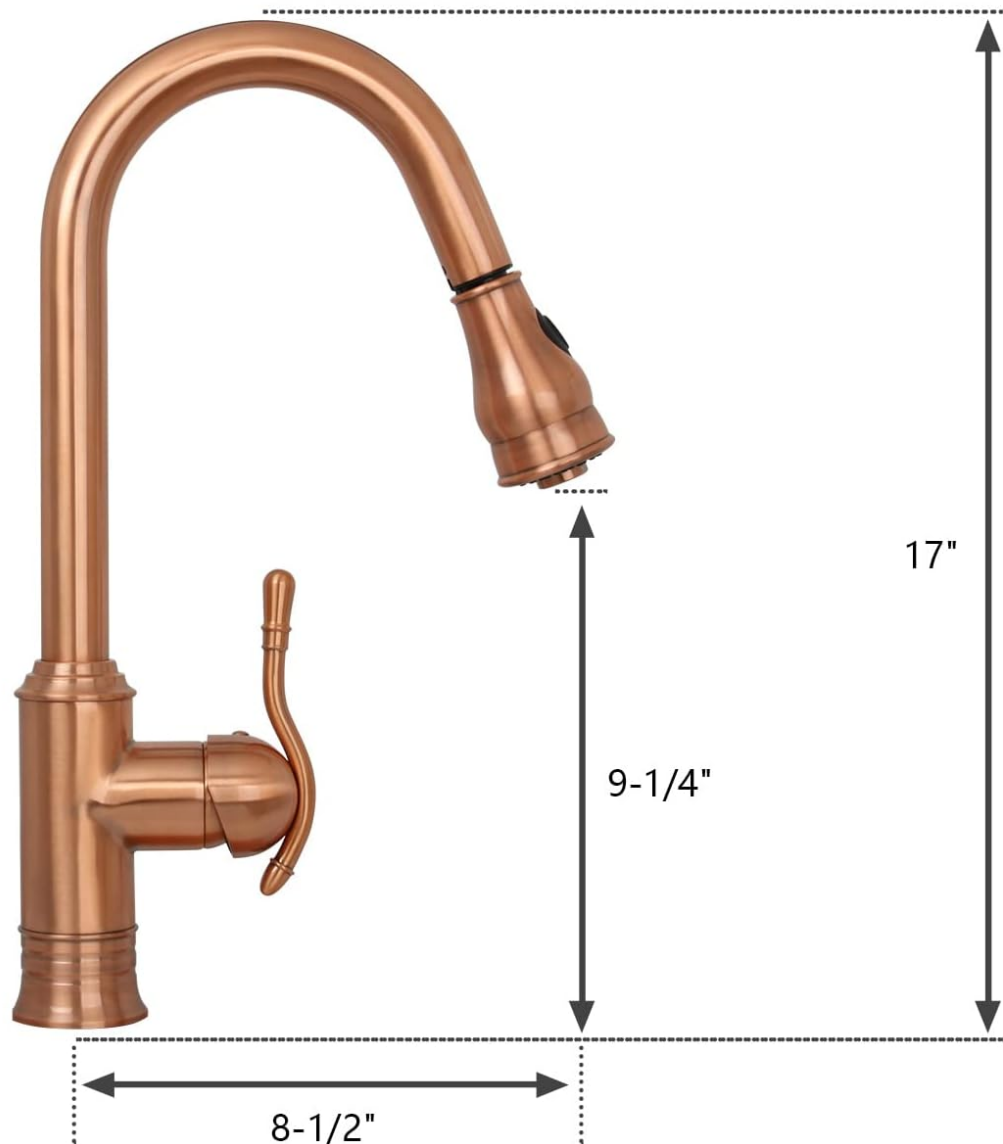


Figure 3.1: Faucet Dimensions. Total height is 17 inches, spout height is 9-1/4 inches, and base width is 8-1/2 inches.

4. INSTALLATION

Follow these steps for proper installation of your Akicon kitchen faucet. Ensure the main water supply is turned off before starting.

1. Step 1: Insert Hoses and Faucet Shank

Position the deck plate (if using) on the sink or countertop. Insert all hoses and the faucet shank through the hole.

2. Step 2: Secure Faucet with Gasket and Nut

From underneath the sink, attach the gasket and mounting nut to the faucet shank. Tighten securely to hold the faucet in place.

3. Step 3: Install the Weight

Connect the spray hose to the faucet. Position the weight 2 to 3 inches up from the loop in the spray hose and secure it in place.

4. Step 4: Flush Impurities from Pipeline

Before connecting the faucet to the water supply, turn on the main water supply valve briefly to flush any impurities from the hot and cold water lines. Use a bucket to catch the water.

5. Step 5: Connect Hot & Cold Hoses

Connect the hot and cold water supply lines from the faucet to the corresponding hot and cold water valves. Secure the connections with an adjustable wrench. Turn on the water supplies and check all connections below the deck for leaks.



Figure 4.1: Visual guide for faucet installation steps.

Installation Video

Your browser does not support the video tag.

Video 4.1: This video demonstrates the installation process for the Akicon Pull Down Kitchen Faucet, covering all necessary steps for a successful setup.

5. OPERATING INSTRUCTIONS

Your Akicon AK415 faucet is designed for ease of use and versatility in your kitchen.

Handle Operation

The single handle controls both water flow and temperature. Move the handle left for hot water, right for cold water, and up/down to adjust the flow rate.

Pull-Down Sprayer Functionality

- The high-arch goose neck spout swivels 360 degrees, providing extensive reach within your sink area.
- The smooth-retract nylon sprayer hose extends up to 12 inches, allowing for extended range and greater workspace.

Spray Modes

The sprayer head features two distinct spray modes for various tasks:

- **Stream Mode:** Provides a steady, aerated flow for filling pots and general washing.
- **Spray Mode:** Delivers a wide, powerful blade of water, ideal for sweeping dishes and cleaning the sink.

Easily switch between stream and spray modes by pressing the button on the sprayer head.



Figure 5.1: Two Spray Modes. Press the switch button to easily transition between stream and spray.



Figure 5.2: Pull-Down Sprayer. The hose offers a maximum stretchable length of 15 inches for enhanced reach.

Product Demonstration Video

Your browser does not support the video tag.

6. MAINTENANCE

Regular cleaning and maintenance will help preserve the finish and functionality of your Akicon faucet.

- **Cleaning:** 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.
- **Aerator Maintenance:** If water flow decreases, the aerator on the sprayer head may be clogged. Unscrew the aerator, clean any debris, and reattach it.
- **Hose Inspection:** Periodically check the pull-down hose for any signs of wear or damage.



Figure 6.1: Daily Maintenance. Regularly wipe the faucet with a soft cloth to maintain its finish.

7. TROUBLESHOOTING

If you encounter any issues with your faucet, refer to the following common problems and solutions:

- **Low Water Flow:** Check if the aerator is clogged with debris. Clean or replace the aerator. Ensure water supply valves are fully open.
- **Leaks from Sprayer Head:** Ensure the sprayer head is securely tightened. If the issue persists, the internal seals may need replacement.
- **Leaks from Faucet Base:** Check the mounting nut underneath the sink to ensure it is tight. If leaks persist, the O-rings or internal components may require inspection.
- **Handle Stiffness or Looseness:** The handle's set screw may need adjustment. Refer to the video below for guidance on replacing internal components.

Troubleshooting Video: Replacing Nozzle, Handle, and Valve

Your browser does not support the video tag.

Video 7.1: This video demonstrates the process for replacing the pull-out kitchen faucet nozzle, handle, and valve core, which can resolve common issues.

8. WARRANTY & SUPPORT

Your Akicon AK415 faucet comes with a **5-Year Warranty**, ensuring quality and reliability. For any questions, problems, or missing parts, please contact Akicon Customer Service.

Contact Information:

- **Phone:** +1 (302) 213-4406
- **Email:** service@akiconshop.com
- **Website:** www.akiconshop.com

Customer Service is available Monday-Friday, 8 a.m. - 6 p.m. EST.