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RUNFINE RF422003

RUNFINE RF422003 8-inch Deck Kitchen Faucet Instruction Manual

Model: RF422003 | Brand: RUNFINE

1. Product Overview

The RUNFINE RF422003 is an 8-inch deck kitchen faucet featuring a brushed nickel finish and a 2-function spray head. It incorporates high-quality Neoperl aerator and ceramic cartridge for reliable operation. This single-handle faucet provides both hot and cold water mixing. Its design offers transitional styling that complements various kitchen aesthetics while simplifying maintenance.

Key Features:

- **Optimal Dimensions:** Overall Height: 14.6 inches; Spout Height: 7.64 inches; Spout Reach: 8 inches.
- **Dual-Function Spray Head:** Easily switch between stream for filling and spray for rinsing.
- **360-Degree Spout Rotation:** Provides extensive reach for sink washing and accommodates large pots and pans.
- **Simplified Installation:** Pre-installed water line hoses and pull-out wand for quick DIY setup, compatible with 1 or 3-hole sinks (8-inch deck plate included).
- **Durable Components:** Features a branded ceramic 35mm cartridge for extended lifespan, offering abrasion resistance and anti-aging properties.
- **Lead-Free Waterway:** Ensures safe water delivery with a dual-mode structure and closed waterway design.



Figure 1: Overview of the RUNFINE RF422003 Kitchen Faucet with key features highlighted, including the high arch spout, 360-degree rotation, spray mode button, hot and cold mixer, and ceramic cartridge.

2. Important Safety Information

Please read all instructions carefully before installation and use. Failure to follow these instructions may result in property damage or personal injury.

- **Water Supply:** Before beginning installation, ensure the main water supply valves are completely shut off. Clean the water supply system to prevent debris from entering the faucet.
- **Handling:** Avoid scratching the faucet's finish. Use a soft cloth for wiping. Do not overtighten the faucet during installation, as this can cause deformation or fracture.
- **Compatibility:** Verify that your sink size and countertop cut-out dimensions are suitable for this kitchen faucet before purchasing and installation to avoid delays in your project.

3. Package Contents

The following items are included in your product package:

- 1 x Kitchen Faucet
- 1 x Sprayer (integrated into faucet)
- 1 x Deck Plate (8-inch)
- 1 x Counter Weight
- Mounting Hardware
- Bilingual Instruction Manual (English and Spanish)

4. Product Specifications

Feature	Specification
Brand	RUNFINE
Model Name	RF422003
Color/Finish	Brushed Nickel
Material	Stainless Steel, Zinc (Handle)
Mounting Type	Deck Mount
Number of Handles	1
Hole Count	1 or 3 (with included deck plate)
Overall Faucet Height	14.6 inches
Spout Height	7.64 inches
Spout Reach	8 inches
Maximum Deck Thickness	0.6 inches
Hose Length	59 inches (pull-down hose)
Installation Hole Diameter	1.3 inches
Maximum Flow Rate	1.8 Gallons Per Minute (at 60 psi)
Water Pressure Range	0.05MPa - 0.75MPa
Connections	9/16-24 UNEF with flexible stainless steel braided connectors
Special Feature	Lead Free, WaterSense Certified
Item Weight	3.75 pounds

5. Installation Guide

Before You Begin:

- Ensure all package contents are present.
- Turn off the main water supply to your kitchen sink.
- Clear the area under the sink for easy access.

- Gather necessary tools (e.g., adjustable wrench, screwdriver, plumber's putty/silicone sealant).

Installation Steps:

1. **Prepare the Sink Hole:** If your sink has multiple holes and you are using the deck plate, ensure it is properly positioned over the holes. For a single-hole installation, the deck plate may not be necessary.
2. **Mount the Faucet:** Insert the faucet body through the center hole of the sink (and deck plate, if used). From underneath the sink, secure the faucet using the provided mounting hardware. Ensure the faucet is oriented correctly before fully tightening.
3. **Connect Water Supply Lines:** Attach the pre-installed hot and cold water supply lines to your home's water supply. The faucet uses 9/16-24 UNEF connections. Ensure connections are tight but do not overtighten.
4. **Install Counter Weight:** Attach the counter weight to the pull-down hose underneath the sink. This weight helps the spray head retract smoothly. Position it to allow full extension of the spray head without obstruction.
5. **Test for Leaks:** Slowly turn on the main water supply. Check all connections for leaks. Operate the faucet to ensure proper hot and cold water flow and spray head functionality.



Figure 2: Detailed view of the faucet's underside, showing the threaded shank, mounting nut, and the braided hot and cold water supply lines, along with the pull-down hose.



Figure 3: The pull-down spray wand connected to its flexible hose, illustrating the mechanism for extending and retracting the sprayer.

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Video 1: An official product video demonstrating the features and ease of use of the RUNFINE Deck Kitchen Faucet, including the pull-out sprayer, stream and spray functions, 3-hole or 1-hole installation options, 12-inch pull-down hose, 360-degree rotation, and high-quality stainless steel construction.

6. Operating Instructions

Water Flow and Temperature Control:

The faucet features a single lever handle for controlling both water flow and temperature. Lift the handle to increase water flow. Move the handle left for hot water and right for cold water.



Figure 4: The single lever handle, designed for easy adjustment of both water temperature and flow rate.

Spray Head Functions:

The pull-down spray head offers two distinct water modes: stream and spray. Press the button on the spray head to toggle between these modes.

- **Stream Mode:** Ideal for filling pots and general washing.
- **Spray Mode:** Provides a wider, more powerful rinse for cleaning dishes and the sink.



Figure 5: The faucet demonstrating both the steady stream mode (left) and the wide spray mode (right) from the pull-down spray head.



Figure 6: A close-up of the two buttons located on the spray head, used to switch between stream and spray functions.

Spout Rotation:

The faucet spout can swivel 360 degrees, providing maximum flexibility and coverage for your sink area. This feature is particularly useful for multi-basin sinks or when needing to move the spout out of the way.



Figure 7: A visual representation of the faucet's ability to rotate 360 degrees, indicated by a circular arrow.

7. Care and Maintenance

Cleaning Instructions:

- To maintain the brushed nickel finish, clean the faucet regularly with a soft, damp cloth.
- Avoid using abrasive cleaners, harsh chemicals, or scouring pads, as these can damage the finish.
- For stubborn spots, use a mild soap solution and rinse thoroughly with water, then dry with a soft cloth.

Preventative Measures:

- Do not scratch the surface with sharp objects.
- Ensure the faucet is not overtightened during installation to prevent internal damage or deformation.
- Periodically check connections for any signs of leaks and tighten if necessary.

8. Troubleshooting

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

- **Low Water Flow:**

Possible Causes: Clogged aerator, partially closed water supply valves, or low water pressure in your home.
Solutions: Unscrew the aerator from the spray head and clean any debris. Ensure both hot and cold water supply valves under the sink are fully open. Check your home's main water pressure.

- **Leaking from Faucet Base:**
  Possible Causes: Loose mounting nut, worn O-rings, or improper installation.
  Solutions: Ensure the mounting nut under the sink is securely tightened. If the leak persists, the internal O-rings or cartridge may need inspection or replacement by a qualified plumber.
- **Spray Head Not Retracting:**
  Possible Causes: Counter weight is obstructed or improperly positioned, or the hose is tangled.
  Solutions: Check under the sink to ensure the counter weight is free to move along the hose and is positioned correctly. Untangle any kinks or obstructions in the pull-down hose.
- **Water Temperature Issues (e.g., only hot or only cold):**
  Possible Causes: One of the water supply lines is shut off, or the ceramic cartridge is faulty.
  Solutions: Verify that both hot and cold water supply valves are fully open. If the problem continues, the ceramic cartridge may require replacement.
- **Unusual Noise (e.g., whistling, humming):**
  Possible Causes: Water flow restriction, loose internal components, or air in the lines.
  Solutions: Check for any flow reducers in the spray head or supply lines that might be causing turbulence. Ensure all connections are secure. Run water for a few minutes to clear any trapped air.

9. Warranty and Customer Support

This RUNFINE RF422003 kitchen faucet comes with a **1-year limited warranty** against manufacturer defects. This warranty covers defects in materials and workmanship under normal use and service.

For any questions, concerns, or warranty claims, please feel free to contact our customer support. We are committed to responding to your inquiries within 24 hours.

Contact Information: Please refer to the contact details provided in your product packaging or visit the official RUNFINE website for support.

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