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Neoperl 5501405

Neoperl Regular Dual Thread Aerator User Manual

Model: 5501405

PRODUCT OVERVIEW

The Neoperl Regular Dual Thread Aerator is an essential component for your kitchen or bath faucet, designed to provide a smooth, aerated water stream. This aerator features a dual thread size (15/16"-27 x 55/64"-27) for broad compatibility with various faucet types. It is engineered to optimize water flow while maintaining an efficient 2.2 GPM (Gallons Per Minute) rate, ensuring a comfortable and consistent water experience. Constructed with durable materials and a chrome finish, it meets NSF61 and AB1953 standards for quality and safety.



Image: The Neoperl Regular Dual Thread Aerator, showcasing its chrome exterior and internal components.

IMPORTANT SAFETY INFORMATION

- Always turn off the water supply to the faucet before attempting installation or maintenance.
- Use appropriate tools and avoid overtightening to prevent damage to the aerator or faucet.
- Keep small parts away from children to prevent choking hazards.
- If you are unsure about any step, consult a qualified plumber.

PARTS INCLUDED

Your Neoperl Regular Dual Thread Aerator package includes:

- 1 x Neoperl Regular Dual Thread Aerator (Model 5501405)



Image: Top view of the internal aerator insert, showing the red and grey plastic components responsible for aerating the water.

INSTALLATION GUIDE

Follow these steps to install or replace your aerator:

1. **Turn off Water Supply:** Locate the shut-off valves under your sink and turn them clockwise to stop the water flow to the faucet.
2. **Remove Old Aerator (if applicable):** Unscrew the existing aerator from the faucet spout. You may need an aerator key or pliers for stubborn aerators. Wrap the aerator with a cloth if using pliers to prevent scratching.

3. **Clean Faucet Spout:** Thoroughly clean any debris or mineral buildup from the threads inside the faucet spout.
4. **Identify Thread Size:** The Neoperl aerator is dual-threaded. Determine which thread size (15/16"-27 or 55/64"-27) matches your faucet.
5. **Install New Aerator:** Screw the new Neoperl aerator into the faucet spout by hand, ensuring it is straight and not cross-threaded.
6. **Tighten:** Once hand-tight, use an aerator key or gently tighten with pliers (with a cloth) until snug. Do not overtighten.
7. **Restore Water Supply:** Slowly turn the water shut-off valves counter-clockwise to restore water flow.
8. **Check for Leaks:** Turn on the faucet and check for any leaks around the aerator connection. If leaks occur, tighten slightly more or re-install.



Image: Bottom view of the internal aerator insert, revealing the honeycomb mesh pattern that creates the aerated water stream.

OPERATION

Once installed, the Neoperl Regular Dual Thread Aerator operates automatically with the flow of water. When water passes through the aerator, it mixes with air, creating a soft, splash-free, and consistent aerated stream. This process not only makes the water feel softer but also helps to reduce water consumption without sacrificing performance.



Image: A faucet demonstrating the aerated water stream produced by the Neoperl aerator, showing a smooth, white, and consistent flow.

MAINTENANCE AND CARE

To ensure optimal performance and longevity of your Neoperl aerator, periodic cleaning is recommended, especially in areas with hard water:

- **Regular Cleaning:** Unscrew the aerator from the faucet. Disassemble the internal components (mesh screens, restrictor).
- **Remove Mineral Buildup:** Soak the components in a solution of equal parts white vinegar and water for 30 minutes to an hour to dissolve mineral deposits.
- **Rinse and Reassemble:** Rinse all parts thoroughly under running water. Use a small brush if necessary to remove stubborn debris. Reassemble the components and screw the aerator back onto the faucet.
- **Avoid Harsh Chemicals:** Do not use abrasive cleaners or harsh chemicals, as they can damage the aerator's finish and internal components.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Reduced water flow	Clogged aerator screen due to mineral buildup or debris.	Remove and clean the aerator components as described in the Maintenance section.
Water spraying unevenly	Partial clogging of the aerator screen or damaged components.	Clean the aerator thoroughly. If components are damaged, replace the aerator.
Leaking around the aerator	Aerator not tightened sufficiently, cross-threaded, or damaged washer.	Ensure the aerator is screwed on straight and tightened properly. Check for a damaged or missing washer and replace if necessary.
No aerated stream	Aerator is not designed for aeration (unlikely for this model) or internal components are missing/damaged.	Verify you have the correct aerator. Inspect internal components for damage or improper assembly.

PRODUCT SPECIFICATIONS

Specification	Detail
Item Type	Aerator

Specification	Detail
Type	Regular Dual Thread
Thread Size	15/16"-27 x 55/64"-27
Flow Rate (GPM)	2.2
Stream Type	Aerated
Finish	Chrome
Standards	NSF61, AB1953
Package Quantity	1
Manufacturer	Neoperl
Model Number	5501405

WARRANTY AND SUPPORT

For specific warranty information or technical support regarding your Neoperl Regular Dual Thread Aerator, please refer to the product packaging or contact Neoperl customer service directly. Contact details can typically be found on the manufacturer's official website or on the product's original packaging.

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Question

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

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

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