

Neoperl 10 6200 3

Neoperl Dual Thread 1.5 GPM Water-Saving Faucet Aerators

Model: 10 6200 3

1. INTRODUCTION

This instruction manual provides essential information for the proper installation, operation, and maintenance of your Neoperl Dual Thread 1.5 GPM Water-Saving Faucet Aerators. These aerators are designed to conserve water while providing an efficient and comfortable water flow for various faucet types.

2. PRODUCT FEATURES

- **Dual-Thread Design:** Features both external (15/16 x 27) and internal (55/64 x 27) threads for compatibility with a wide range of faucets.
- **Water-Saving Flow Rate:** Delivers a consistent 1.5 Gallons Per Minute (GPM), reducing water consumption by up to 30% compared to standard 2.2 GPM aerators.
- **Aerated Bubble Stream:** Introduces air into the water stream, creating a soft, non-splashing, and full-bodied flow.
- **WaterSense Certified:** Meets EPA criteria for water efficiency and performance.
- **Durable Construction:** Made from chrome-plated brass for longevity and a polished finish.
- **Low-Lead Compliant:** Meets regulatory requirements for low-lead content.



Image: Neoperl aerator displaying the WaterSense certification logo, signifying its water-efficient design.

3. SAFETY INFORMATION

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

- Always turn off the water supply to the faucet before attempting any installation or maintenance.
- Use appropriate tools. Avoid using excessive force, which can damage 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.

4. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 6 x Neoperl Dual Thread 1.5 GPM Faucet Aerators
- 6 x Washers (pre-installed or included separately)



Image: A pack containing six Neoperl dual thread faucet aerators, ready for installation.

5. SETUP AND INSTALLATION

These aerators are designed for easy installation on most standard faucets. They feature a dual-thread design, allowing them to be installed on both male-threaded (threads on the outside of the faucet spout) and female-threaded (threads on the inside of the faucet spout) faucets.

Tools Required:

- Adjustable wrench or aerator key (if needed for removal of old aerator)
- Cloth or towel

Installation Steps:

1. **Turn off Water Supply:** Locate the shut-off valves under the sink and turn them clockwise to stop the water flow to the faucet.
2. **Remove Old Aerator:** Unscrew the existing aerator from the faucet spout. This can usually be done by hand. If it is too tight, use an adjustable wrench or aerator key, placing a cloth over the aerator to prevent scratching.
3. **Clean Faucet Spout:** Clean any debris or mineral buildup from the threads of the faucet spout.
4. **Insert Washer:** Ensure the rubber washer is properly seated inside the new Neoperl aerator.
5. **Install New Aerator:**
 - **For Male-Threaded Faucets:** Screw the aerator onto the outside threads of the faucet spout.
 - **For Female-Threaded Faucets:** Screw the aerator into the inside threads of the faucet spout.

Hand-tighten the aerator until snug. Do not overtighten, as this can damage the aerator or faucet threads. A slight additional turn with a wrench may be used if a leak occurs, but exercise caution.

6. **Restore Water Supply:** Slowly turn the water shut-off valves counter-clockwise to restore water flow.
7. **Check for Leaks:** Turn on the faucet and check for any leaks around the aerator connection. If a leak is present, turn off the water, tighten the aerator slightly, and recheck.



Image: A visual guide demonstrating how to attach the dual-thread aerator to both externally and internally threaded faucet spouts.

6. OPERATION

Once installed, the Neoperl aerator operates automatically with your faucet. When the water is turned on, the aerator mixes air with the water, creating a soft, splash-free, and consistent stream at 1.5 GPM. This aerated flow feels full while using less water.



Image: Water flowing from a faucet equipped with a Neoperl aerator, demonstrating the aerated, consistent stream.

7. MAINTENANCE

Regular cleaning of your aerator will ensure optimal performance and extend its lifespan. Mineral deposits and debris can accumulate over time, affecting water flow.

Cleaning Steps:

1. **Turn off Water Supply:** Turn off the water supply to the faucet.
2. **Remove Aerator:** Unscrew the aerator from the faucet spout.
3. **Disassemble (if applicable):** Some aerators can be carefully disassembled to access the screen and internal components. Refer to the specific design of your aerator.
4. **Clean Components:** Rinse the screen and other components under running water. Use a soft brush (like an old toothbrush) to gently scrub away any mineral deposits or debris. For stubborn buildup, soak the components in a solution of equal parts white vinegar and water for 30 minutes, then scrub and rinse.
5. **Reassemble and Reinstall:** Reassemble the aerator components, ensuring the washer is correctly seated. Screw the aerator back onto the faucet spout and hand-tighten.
6. **Restore Water Supply:** Turn the water supply back on and check for leaks.



Image: A detailed close-up of the aerator screen, highlighting the honeycomb pattern responsible for aerating the water.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Low water flow	Clogged aerator screen due to mineral deposits or debris.	Remove and clean the aerator screen as described in the Maintenance section.
Irregular or sputtering water stream	Partial clog in the aerator or air intake holes.	Clean the aerator thoroughly. Ensure all components are correctly aligned upon reassembly.
Leakage around the aerator connection	Aerator not tightened sufficiently, damaged washer, or damaged faucet threads.	Ensure the aerator is hand-tightened securely. Check the washer for damage and replace if necessary. If the faucet threads are damaged, professional repair may be required.
Aerator does not fit faucet	Faucet has non-standard threading.	Verify your faucet's thread size. These aerators are designed for standard 15/16 x 27 external and 55/64 x 27 internal threads.

9. SPECIFICATIONS

Specification	Detail
Brand	Neoperl
Model Number	10 6200 3
Material	Brass
Finish Type	Polished Chrome
Thread Size	15/16 x 27 (external), 55/64 x 27 (internal)
Maximum Flow Rate	1.5 Gallons Per Minute (GPM)
Item Weight (per aerator)	Approximately 0.53 ounces (3.2 ounces for 6-pack)
Certification	WaterSense Certified, Low-Lead Compliant

10. WARRANTY AND SUPPORT

For specific warranty information and customer support, please refer to the documentation provided with your purchase or visit the official Neoperl website. Keep your proof of purchase for any warranty claims. Neoperl products are manufactured to high-quality standards. If you experience any issues not covered in this manual, please contact Neoperl customer service for assistance.