

Neo-Pure NP-KW1

Neo-Pure NP-KW1 Replacement Water Filter Cartridge

INSTRUCTION MANUAL

Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your Neo-Pure NP-KW1 Replacement Water Filter Cartridge. The NP-KW1 is a carbon block filter designed to reduce chlorine taste and odor, fine sediment, and rust particles in water systems. It is specifically engineered for compatibility with select under-sink filtration systems found in Forest River Campers, Boats, and RVs.

Please read these instructions thoroughly before proceeding with installation or use to ensure optimal performance and safety.

Safety Information

- Always turn off the water supply before installing or replacing the filter cartridge.
- Release system pressure before opening the filter housing.
- Use appropriate tools and avoid overtightening connections to prevent damage.
- Ensure all connections are secure and leak-free after installation.
- Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.
- This filter is for cold water applications only.

System Compatibility

The Neo-Pure NP-KW1 filter cartridge is designed for specific under-sink filtration systems. It is crucial to verify compatibility with your existing system before installation.

Compatible Housings:

- Forest River Electronics: KW1, FR1, and RC-S Housings
- Hanna RV: 10-15823A FOR-HW1
- WaterPur: KW1, FR1, and RCS Housings

Important Note: This filter is not universal and is not compatible with all filtration housings. It is not a replacement for FRE-10-GN water filters or Housing Part number FRE-10H. Filter dimensions and connection style must match your

existing cartridge to ensure proper fit.



Housing Compatibility:

- Forest River Electronics: FR1 and RC-S Housings**
- WaterPur: FR1 and RCS Housings**

Image: Housing Compatibility for Neo-Pure NP-KW1 filter.

Product Features & Benefits

- **Filtration Performance:** Utilizes carbon block media derived from coconut shell to effectively reduce chlorine taste and odor, fine sediment, and rust particles.
- **VOC Reduction:** Helps reduce Volatile Organic Compounds (VOCs) for improved water quality.
- **Unique Dual Ring Design:** Engineered to eliminate bypass, ensuring all water passes through the filtration media.
- **Long Life:** Designed for durability and consistent performance.
- **Application:** Ideal for RV, camper, and boat water systems.



Image: Neo-Pure Filter Comparison, showing NP-KW1 and NP-KWGN models.

Setup and Installation

Follow these steps to install or replace your Neo-Pure NP-KW1 filter cartridge:

1. **Turn off Water Supply:** Locate the main water supply valve to your filtration system and turn it off.
2. **Release Pressure:** Open a nearby faucet to release any pressure in the system.
3. **Remove Old Filter:** Unscrew the filter housing sump. Carefully remove the old filter cartridge. Dispose of the old cartridge according to local regulations.
4. **Clean Housing:** Clean the inside of the filter housing sump with warm, soapy water. Rinse thoroughly. Inspect the O-rings for any damage or wear; replace if necessary. Lubricate O-rings with a food-grade silicone grease if needed.
5. **Insert New Filter:** Unwrap the new Neo-Pure NP-KW1 filter cartridge. Insert the new cartridge into the filter housing sump, ensuring it is properly seated. The filter has a unique dual ring design for a secure fit.



Image: Inserting the Neo-Pure NP-KW1 filter into the housing.

6. **Reassemble Housing:** Screw the filter housing sump back onto the cap. Hand-tighten until snug. Do not overtighten.
7. **Restore Water Supply:** Slowly turn on the main water supply. Check for leaks around the filter housing.
8. **Flush Filter:** Open a cold water faucet and allow water to run for 5-10 minutes to flush out any carbon fines and air from the system. The water may appear cloudy initially; this is normal.

Your browser does not support the video tag.

Video: Installation guide for the Neo-Pure NP-KW1 Water Filter. This video demonstrates the steps for replacing the filter cartridge within a compatible housing.

Operating

Once installed, the Neo-Pure NP-KW1 filter operates continuously as water flows through your under-sink system. The carbon block media actively filters out impurities, providing cleaner, better-tasting water. No special operational steps are required beyond regular use of your water system.

Maintenance

Regular replacement of your filter cartridge is essential to maintain optimal water quality and system performance.

- **Replacement Interval:** Replace the Neo-Pure NP-KW1 filter cartridge every 6 to 12 months, or according to your system manufacturer's recommendations, or based on local water conditions and usage.
- **Signs of Replacement:** A noticeable decrease in water flow or a return of unpleasant tastes and odors indicates that the filter cartridge is nearing the end of its service life and should be replaced.

Troubleshooting

- **Low Water Flow:** If water flow is significantly reduced, the filter may be clogged. This indicates it's time for a replacement. Ensure the filter is installed correctly and not cross-threaded.
- **Leaks:** If leaks occur after installation, turn off the water supply immediately. Check that the filter housing is securely tightened and that the O-rings are properly seated and not damaged.
- **Cloudy Water After Installation:** This is normal and is due to carbon fines being flushed out. Continue flushing the filter for several minutes until the water runs clear.
- **Unpleasant Taste/Odor Returns:** This indicates the filter's capacity has been exhausted. Replace the filter cartridge.

Specifications

Attribute	Detail
Model Number	NP-KW1
Material	Carbon, Coconut Shell
Product Dimensions	2.5"D x 2.5"W x 10"H
Item Weight	12 Ounces
External Testing Certification	NSF
Product Benefits	Reduces VOCs, eliminates bypass, ensures long life, filters chlorine, sediment, and rust
Capacity	1000 Gallons (approximate)
Flow Rate	2.5 GPM (approximate)

Support

For further assistance, technical support, or inquiries regarding your Neo-Pure NP-KW1 filter cartridge, please contact Fresh Water Systems, Inc., the manufacturer and seller of this product.

Contact Information: Please refer to the contact details provided on the product packaging or the official Fresh Water Systems website for the most current support options.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

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

Details

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

Submit question