

[Manuals.plus](#) /

› [Naturewater](#) /

› Naturewater QF-UDF 10-Inch Granulated Activated Carbon Filter Cartridge User Manual

Naturewater 51123

Naturewater QF-UDF 10-Inch Granulated Activated Carbon Filter Cartridge User Manual

Model: 51123

INTRODUCTION

The Naturewater QF-UDF 10-inch granulated activated carbon filter cartridge is designed to provide high-quality water filtration for various applications, including domestic and industrial use. This filter effectively removes a wide range of impurities, ensuring cleaner and safer water.



Image: Naturewater QF-UDF 10-inch granulated activated carbon filter cartridge, shown on a countertop with a water filtration system in the background.

Key Features and Benefits:

- **Powerful Filtration:** This 10-inch granulated activated carbon filter cartridge is engineered to efficiently remove heavy metals like lead and copper, pesticides, chlorine, sediments, and other microscopic impurities, resulting in purer drinking water.
- **Universal Compatibility:** Designed to fit standard 64mm filter housings, allowing for straightforward and quick integration into existing osmosis systems, ensuring optimal water treatment performance.
- **Eco-Friendly and Economical:** Reduces reliance on bottled water by offering a sustainable alternative, minimizing plastic waste, and providing a cost-effective solution for obtaining healthy water long-term.
- **Optimized Lifespan:** Engineered to last up to 9 months or filter 10,000 liters of water, depending on usage, guaranteeing continuous and effective filtration for both domestic and industrial needs.
- **Reliable Solution:** Widely used in industrial settings for its dependable filtration capabilities, this cartridge ensures consistent removal of toxins, odors, and impurities, providing quality water for the entire family.

SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance of your Naturewater QF-UDF filter cartridge. This cartridge is designed for quick assembly into standard 64mm filter housings, commonly found in reverse osmosis systems.

Installation Steps:

1. **Preparation:** Ensure the water supply to your filtration system is turned off and depressurize the system by opening a faucet.
2. **Remove Old Cartridge:** Use a filter wrench to unscrew the housing of the old filter cartridge. Carefully remove the used cartridge and dispose of it according to local regulations.
3. **Clean Housing:** Clean the inside of the filter housing with warm, soapy water and rinse thoroughly. Inspect the O-rings for any damage and replace if necessary. Lubricate O-rings with food-grade silicone grease if needed.
4. **Insert New Cartridge:** Unwrap the new Naturewater QF-UDF granulated activated carbon filter cartridge. Insert it into the filter housing, ensuring it is seated correctly. The cartridge should fit snugly.
5. **Secure Housing:** Screw the filter housing back onto the system head. Hand-tighten first, then use the filter wrench for a final quarter-turn to ensure a leak-free seal. Avoid overtightening.
6. **Flush System:** Slowly turn on the water supply. Allow water to flow through the system and out of a faucet for at least 5-10 minutes to flush out any carbon fines or air from the new cartridge. Initially, the water may appear cloudy due to air or carbon dust; this is normal and will clear.
7. **Check for Leaks:** Inspect all connections for any signs of leaks. If leaks are present, turn off the water, tighten the housing slightly, and recheck.

This filter cartridge is commonly used in reverse osmosis systems, often as a pre-filter or post-filter stage. Refer to your specific system's manual for detailed diagrams and additional installation guidance.

OPERATING INSTRUCTIONS

Once installed, the Naturewater QF-UDF filter cartridge operates continuously as water flows through your filtration system. Granulated activated carbon (GAC) filters work by adsorbing impurities onto the surface of the carbon granules.

How the Filter Works:

- Water enters the filter cartridge and passes through the bed of granulated activated carbon.
- The porous structure of the activated carbon effectively traps and removes organic compounds, chlorine, chloramines, pesticides, herbicides, industrial solvents, and other chemicals that can cause unpleasant tastes and odors.
- It also helps to reduce the concentration of heavy metals such as lead and copper, and filters out rust and other particulate matter.
- The filtered water then exits the cartridge, providing a cleaner and purer water supply.

This filter is particularly effective in systems where water quality improvement for taste, odor, and chemical reduction is desired. It is a reliable component in multi-stage filtration systems, including those utilizing reverse osmosis technology.

MAINTENANCE

Regular maintenance, primarily filter replacement, is essential to ensure the continuous effectiveness and longevity of your water filtration system.

Filter Replacement:

- The Naturewater QF-UDF filter cartridge has an optimized lifespan of **up to 9 months or 10,000 liters of water**, whichever comes first.
- Replacement frequency may vary depending on your local water quality and actual water consumption. In areas with high sediment or chemical levels, more frequent replacement might be necessary.
- Signs that your filter may need replacement include a noticeable decrease in water flow, a return of unpleasant tastes or odors, or visible discoloration of the water.
- Always replace the filter cartridge with a genuine Naturewater QF-UDF replacement to ensure continued performance and compatibility.

General Care:

- Periodically inspect the filter housing for any cracks or damage.
- Ensure all connections remain tight to prevent leaks.
- Store new, unused filter cartridges in their original packaging in a cool, dry place away from direct sunlight.

TROUBLESHOOTING

If you encounter issues with your Naturewater QF-UDF filter cartridge or filtration system, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Reduced Water Flow	Clogged filter cartridge; air in the system.	Replace the filter cartridge if it's past its lifespan or if water quality is poor. Flush the system to remove air.
Unpleasant Taste or Odor Returns	Filter cartridge has reached the end of its effective life.	Replace the filter cartridge immediately.
Water Leakage	Improperly seated O-ring; loose housing; cracked housing.	Turn off water supply. Re-seat O-rings, ensuring they are clean and lubricated. Tighten housing. Inspect housing for damage and replace if cracked.
Cloudy Water After Replacement	Air trapped in the system or carbon fines from the new filter.	This is normal. Flush the system for 5-10 minutes until water runs clear.

If problems persist after attempting these solutions, please contact Naturewater customer support or a qualified technician.

SPECIFICATIONS

Feature	Detail
Model Number	51123
Product Dimensions (L x W x H)	6.4 x 6.4 x 32 cm (2.5 x 2.5 x 12.6 inches)
Item Weight	420 grams (0.93 lbs)
Material	Granulated Activated Carbon

Feature	Detail
Filter Size	10 inches
Compatibility	Standard 64mm filter housings
Filtration Rating	5 microns
Lifespan	Up to 9 months or 10,000 liters (2,640 gallons)
External Test Certification	NSF
Country of Origin	China

WARRANTY INFORMATION

Naturewater products are manufactured to high-quality standards. Specific warranty terms and conditions for the QF-UDF filter cartridge are typically provided with your purchase or can be found on the official Naturewater website. Please retain your proof of purchase for any warranty claims.

The warranty generally covers manufacturing defects under normal use. It does not cover damage resulting from improper installation, misuse, neglect, freezing, or natural wear and tear of consumable parts like filter cartridges.

CUSTOMER SUPPORT

For further assistance, technical support, or to inquire about replacement parts, please contact Naturewater customer service.

- **Online Support:** Visit the official Naturewater website for FAQs, product information, and contact forms.
- **Contact Information:** Refer to the packaging or the Naturewater website for specific phone numbers or email addresses for your region.

When contacting support, please have your product model number (51123) and purchase date available.

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