NU Aqua GAC Filter

NU Aqua Whole House System Replacement Water Filter - GAC Filter Instruction Manual

Model: GAC Filter

Overview Installation Operation Maintenance Troubleshooting Specifications Warranty & Support

1. Product Overview

The NU Aqua Granular Activated Carbon (GAC) filter is designed as a replacement cartridge for the NU Aqua Whole House Water Filtration System. This filter measures 4.5 inches by 20 inches, ensuring compatibility with most standard whole-home filtration systems.
It utilizes advanced HydraCoil technology to optimize absorption by enhancing the molecular structure of its pores, allowing for efficient removal of various contaminants. This GAC filter is particularly effective in removing chlorine, sediment, volatile organic compounds (VOCs), and improving water taste and odor.

Key Features:

- **Universal Compatibility:** Designed to fit most standard 4.5" x 20" whole-house filtration systems.
- **Effective Contaminant Removal:** Efficiently removes chlorine, sediment, VOCs, and improves taste and odor.
- **Enhanced Water Quality:** Contributes to cleaner, clearer, and better-tasting water throughout your home.
- **Extended Filter Life:** Constructed with durable materials for a longer operational lifespan.
- **Convenient Installation:** Designed for straightforward replacement within your existing system.



Image 1.1: The NU Aqua Granular Activated Carbon (GAC) filter, designed for whole-house water filtration systems.



Image 1.2: Diagram illustrating typical stages of a whole house filtration system. The GAC filter removes chlorine, herbicides, color, bad taste, and odors.

2. Installation Instructions (Filter Replacement)

This section outlines the general procedure for replacing the GAC filter in a standard whole-house water filtration system. Always refer to your specific whole-house system's manual for detailed instructions and safety precautions.

Required Tools:

- Filter housing wrench (usually included with your whole-house system)
- Clean bucket or basin
- Clean cloth or sponge
- New NU Aqua GAC Filter

Step-by-Step Replacement:

1. **Turn Off Water Supply:** Locate the main water shut-off valve for your home and turn it off. This prevents water flow to the filtration system.
2. **Depressurize System:** Open a nearby faucet (preferably the lowest one in the house) to release pressure from the water lines. This will also drain some water from the system.
3. **Prepare for Drainage:** Place a clean bucket or basin beneath the filter housing you intend to open to catch any residual water.
4. **Unscrew Filter Housing:** Use the filter housing wrench to slowly unscrew the housing counter-clockwise. Be prepared for water to spill out.
5. **Remove Old Filter:** Carefully remove the old GAC filter cartridge from the housing and dispose of it properly.
6. **Clean Housing:** Clean the inside of the filter housing with a clean cloth or sponge. Inspect the O-ring for any damage or wear. Replace if necessary. Lubricate the O-ring with a food-grade silicone grease if recommended by your system's manufacturer.
7. **Insert New Filter:** Unwrap the new NU Aqua GAC filter and carefully insert it into the housing. Ensure it is seated correctly.
8. **Screw Housing Back On:** Hand-tighten the filter housing back onto the system. Then, use the wrench to tighten it an additional 1/4 to 1/2 turn. Avoid over-tightening.
9. **Restore Water Supply:** Slowly turn the main water supply back on. Monitor the filter housing for any leaks.
10. **Flush the System:** Open a nearby cold water faucet and let the water run for 5-10 minutes to flush out any air and fine carbon particles from the new filter. The water may appear cloudy initially; this is normal and will clear up.



Image 2.1: A person demonstrating the process of interacting with a whole house water filtration system, similar to filter replacement.

3. Operation

Once properly installed, the NU Aqua GAC filter operates passively as part of your whole-house water filtration system. Water flows through the filter, and the granular activated carbon media removes contaminants.

Normal Operation:

- Ensure there are no leaks around the filter housing.
- Maintain adequate water pressure throughout your home. A significant drop in pressure may indicate a clogged filter, requiring replacement.
- The filter requires no electrical power or manual adjustments during normal operation.

4. Maintenance

The primary maintenance for the NU Aqua GAC filter is its timely replacement to ensure continued effective filtration.

Filter Replacement Schedule:

It is recommended to replace the NU Aqua GAC filter every **6 to 9 months**, or sooner if you notice a significant decrease in water flow, a return of unpleasant tastes or odors, or if your water quality changes. Actual filter life can vary based on water usage and the quality of your incoming water supply.





Image 4.1: The NU Aqua GAC filter, indicating a recommended filter life of 6-9 months.

Cleaning:

The GAC filter cartridge itself is not designed to be cleaned or reused. It should be replaced with a new cartridge according to the recommended schedule.

5. Troubleshooting

This section addresses common issues that may arise with your whole-house filtration system after installing a new GAC filter.

Problem	Possible Cause	Solution
Reduced Water Flow	◦ Clogged filter (old or new) ◦ Air trapped in the system ◦ Partially closed shut-off valve	◦ Replace filter if it's past its service life. ◦ Flush the system by running a cold water faucet for several minutes. ◦ Ensure all shut-off valves are fully open.

Problem	Possible Cause	Solution
Water Leaks from Housing	◦ Improperly seated O-ring ◦ Damaged O-ring ◦ Housing not tightened sufficiently	◦ Turn off water, depressurize, remove housing, reseat O-ring. ◦ Replace O-ring if damaged. ◦ Tighten housing slightly more with wrench (do not over-tighten).
Unusual Taste or Odor After Replacement	◦ New filter flushing (carbon fines) ◦ Improper filter type	◦ Flush the system for a longer period (10-15 minutes). ◦ Verify that the correct filter type (GAC) was installed.

6. Product Specifications

Brand	NU Aqua
Model	GAC Filter
Material	Plastic (Filter Media: Granular Activated Carbon)
Product Dimensions (D x W x H)	4.5" x 4.5" x 20"
Item Weight	10 pounds
Micron Rating	5 Micron
Recommended Filter Life	6-9 Months
UPC	666714330996
ASIN	B0CLT5GYKK

7. Warranty and Support

Warranty Information:

NU Aqua products typically come with a**3-Year Warranty**. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty documentation provided with your complete whole-house filtration system or visit the official NU Aqua website.
Additionally, NU Aqua may offer a**120-Day Home Trial** for certain products. Check product specific details for eligibility.



Image 7.1: Badges indicating NU Aqua's 3-Year Warranty and 120-Day Home Trial.

Customer Support:

For technical assistance, questions regarding installation, operation, or warranty claims, please contact NU Aqua customer support. Refer to the contact information provided with your original whole-house system or visit the official NU Aqua website for the most current support details.

You can also visit the **NU Aqua Store on Amazon** for more product information and resources.

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