NU Aqua WU-100GPD-NP

NU Aqua 5-Stage Under Sink Reverse Osmosis Water Filter System

Brand: NU Aqua | **Model:** WU-100GPD-NP

Introduction

The NU Aqua 5-Stage Under Sink Reverse Osmosis Water Filter System is designed to provide superior water purification for your home. This advanced system effectively removes a wide range of contaminants, ensuring that you and your family have access to clean, safe, and great-tasting drinking water directly from your tap. Its compact design allows for convenient installation under most standard kitchen sinks.



Image: Complete NU Aqua 5-Stage Reverse Osmosis System components.

System Components and Filtration Stages

The NU Aqua 5-Stage Reverse Osmosis System utilizes a multi-stage filtration process to ensure optimal water purity. Each stage targets specific contaminants, working synergistically to deliver high-quality water.

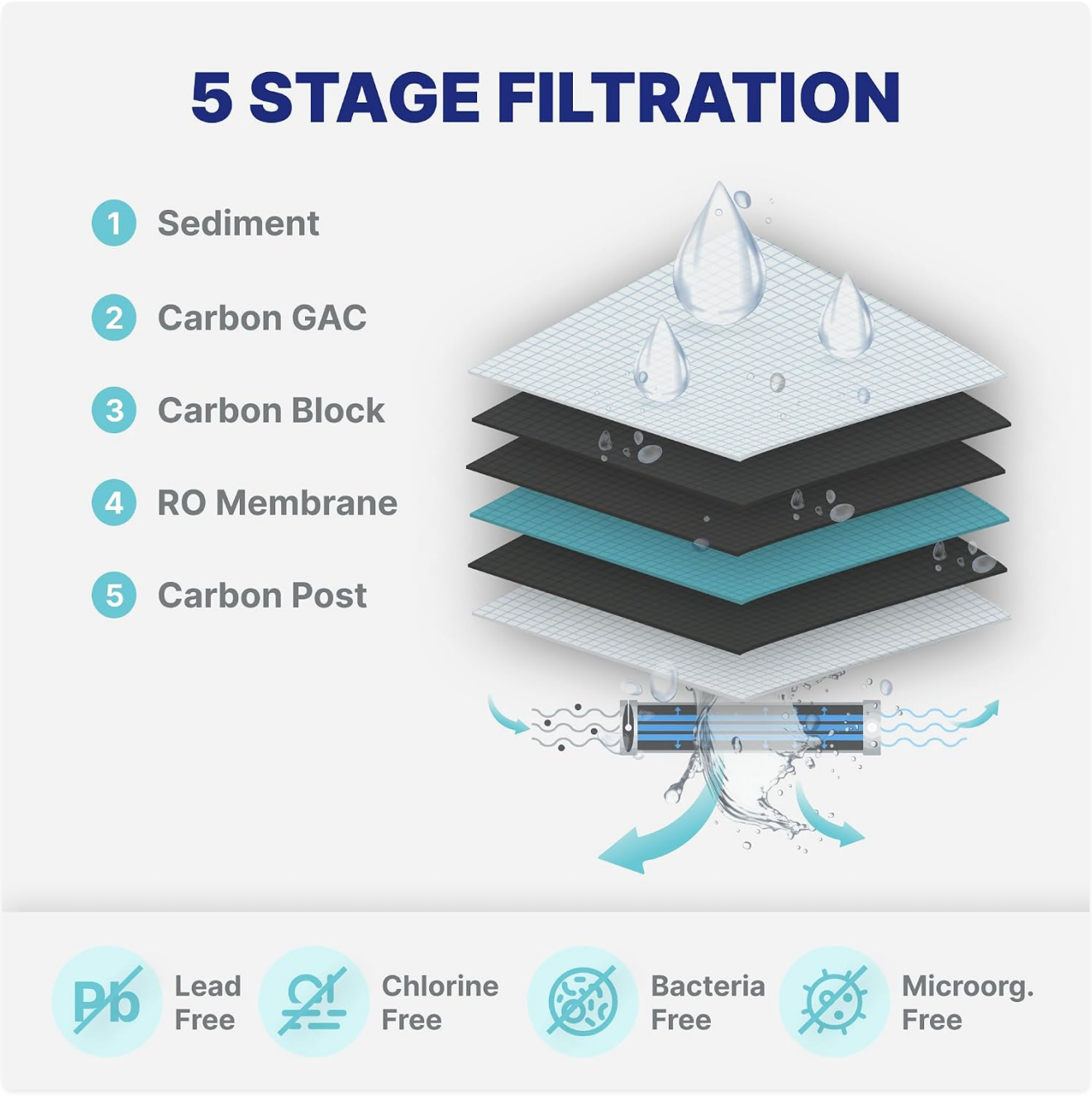


Image: Detailed diagram of the 5-stage filtration process.

1. **Stage 1: Sediment Filter**
   Removes sediment, dirt, rust, and suspended particles, protecting subsequent filters.
2. **Stage 2: Carbon GAC Filter**
   Removes chlorine, bad taste, odors, heavy metals, and organic chemicals.
3. **Stage 3: Carbon Block Filter**
   Further removes asbestos, cysts, lead, pesticides, trihalomethanes, and VOCs.
4. **Stage 4: RO Membrane**
   The core of the system, removing up to 99% of dissolved solids, including chemicals, sodium, chloride, copper, chromium, lead, arsenic, fluoride, radium, nitrate, and phosphorous.
5. **Stage 5: Carbon Post Filter**
   Provides a final polish to the water, removing any remaining bad tastes and odors for a refreshing finish.

Setup and Installation

The NU Aqua Reverse Osmosis System is designed for easy installation, typically taking less than an hour. The system comes largely pre-assembled with color-coded tubing and quick-connect fittings to simplify the process. It fits effortlessly under any standard kitchen sink.



Image: The NU Aqua system installed neatly under a kitchen sink, demonstrating its compact footprint.

Installation Video Guide

For a comprehensive visual guide to installation, please refer to the official NU Aqua overview video:

Your browser does not support the video tag.

Video: Official NU Aqua video providing an overview of the Reverse Osmosis Tank Systems, detailing the filtration stages and system components. This video is helpful for understanding the installation process.

Understanding Water Pressure and Pump Options

The system's performance is influenced by your home's water pressure. If your home has a water pressure of 45

PSI or higher, a no-pump option is generally sufficient. For homes with lower water pressure or well water sources, consider models with a booster pump to ensure optimal filtration and flow rate.

Operating Instructions

Once installed, operating your NU Aqua Reverse Osmosis System is straightforward. Simply use the dedicated faucet to dispense purified water. The system automatically fills the storage tank as water is consumed, ensuring a continuous supply of clean water on demand.
The included PPM meter allows you to regularly check the Total Dissolved Solids (TDS) level of your filtered water, providing confidence in its purity.

Maintenance

Regular maintenance is crucial to ensure the longevity and optimal performance of your NU Aqua Reverse Osmosis System. This primarily involves replacing the filters according to the recommended schedule:

- **Sediment, Carbon GAC, and Carbon Block Filters (Stages 1-3):** Replace every 6-9 months, depending on water quality and usage.
- **RO Membrane (Stage 4):** Replace every 1-3 years, depending on water quality and usage.
- **Carbon Post Filter (Stage 5):** Replace every 6-9 months.

Refer to your user manual for detailed instructions on filter replacement. Always use genuine NU Aqua replacement filters to maintain system performance and warranty validity.

Troubleshooting

If you encounter any issues with your NU Aqua Reverse Osmosis System, please refer to the following common troubleshooting tips:

- **Low Water Flow:** Check if the storage tank is full. If not, ensure the water supply valve is fully open and check for clogged filters. Filters may need replacement if they are old.
- **Unusual Taste or Odor:** This often indicates that the carbon filters (Stages 2, 3, or 5) need to be replaced. Ensure proper flushing after new filter installation.
- **Leaks:** Turn off the water supply immediately. Check all connections and fittings for tightness. Ensure O-rings are properly seated and not damaged. The included leak detector should alert you to any significant leaks.
- **System Not Producing Water:** Verify that the water supply is on, the tank valve is open, and the RO membrane is not clogged. Low water pressure can also affect production.

For more complex issues or if troubleshooting steps do not resolve the problem, please contact NU Aqua customer support.

Specifications

Feature	Detail
Brand	NU Aqua
Model Name	NU Aqua 5 Stage Reverse Osmosis System
Product Dimensions	15"L x 5.5"W x 17.5"H
Installation Type	Under Sink
Item Weight	20 Pounds
Flow Rate	100 Gallons Per Day (GPD)
Special Features	Easy to Install, Includes Dedicated Faucet, Leak Detector, and PPM Meter, Premium Quality Filters, 120-Day Home Trial
Color	White
UPC	799789985164

Warranty and Support

NU Aqua stands behind the quality of its products with a comprehensive warranty and dedicated support:

- **120-Day Home Trial:** If you are not satisfied with your system within the first 120 days, you may return it for a full refund.
- **3-Year Manufacturer Warranty:** The system is backed by an industry-leading 3-year manufacturer warranty.
- **Lifetime Support:** Enjoy lifetime support for your NU Aqua Reverse Osmosis System.

For any inquiries or support needs, please visit nuaquasystems.com or call us at 1-888-621-0460.

Additional Resources

For a detailed user guide and further information, please download the official PDF manual:

Download User Manual (PDF)

© 2025 NU Aqua. All rights reserved.

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