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› [NU Aqua 7-Stage Pump Under Sink Reverse Osmosis Water Filter System + 1 Year Replacement Membrane Filter Set + Ice Maker & Refrigerator Connection - RO Filtration - Faucet & Tank - 100GPD Undersink RO System + 1-Year Filter Set + Ice Maker](#)

NU Aqua WU-100GPD-WP-UV-ALk

NU Aqua 7-Stage Reverse Osmosis Water Filter System User Manual

Model: WU-100GPD-WP-UV-ALk

INTRODUCTION

The NU Aqua 7-Stage UV and Alkaline Reverse Osmosis Water Filter System with Booster Pump provides clean, healthy, and great-tasting purified water. This system is designed to fit conveniently under your sink, offering a comprehensive 7-stage filtration process to remove harmful contaminants.

This package includes a 1-year replacement membrane filter set and an ice maker & refrigerator connection kit, ensuring you have everything needed for a complete water purification solution.

PRODUCT OVERVIEW



Image: Complete NU Aqua 7-Stage Reverse Osmosis Water Filter System, including the main unit, replacement filters, and the ice maker/refrigerator connection kit.

UPGRADE YOUR WATER FILTRATION

Reverse Osmosis offers superior filtration capabilities. The only technology to remove up to 99.99% of all contaminants

CARBON FILTERS



Only **Reduces** Bad Taste or Color

REVERSE OSMOSIS SYSTEM



NU AQUA

Image: Comparison illustrating the superior filtration capabilities of Reverse Osmosis technology over standard carbon filters, removing up to 99.99% of contaminants.

The system features professional-grade quick connect fittings and an NSF 100% lead-free designer stainless steel countertop faucet. Its 100 GPD (Gallons Per Day) high flow rate doubles the output of standard under-sink systems, making it suitable for large families and households.

SETUP AND INSTALLATION

The NU Aqua Reverse Osmosis system is designed for straightforward installation. It is 90% pre-assembled to simplify the process and fits easily under most sinks. Please ensure you measure your cabinet space to confirm fitment (Product Dimensions: 20"L x 20"W x 20"H).

EASY INSTALLATION



Video Guide



Installation
Time



90% Pre-assembled



Fits Easily
Under the Sink

Measure your cabinet space
to ensure fit.



Image: Visual guide highlighting easy installation, including a video guide, less than 1 hour installation time, 90% pre-assembly, and compact design for under-sink fit.

DOUBLE THE OUTPUT OF STANDARD SYSTEMS

100 Gallon Per Day output easily meets the needs of large families and households.



Image: Illustration demonstrating the 100 Gallon Per Day output of the NU Aqua system, which is double the output of standard 50 GPD filters, meeting the needs of larger households.

For detailed installation instructions, it is highly recommended to consult the official installation videos provided by NU Aqua. Pay close attention to all connections to ensure no leaks occur after setup. The large tank may take approximately two hours to fill initially.

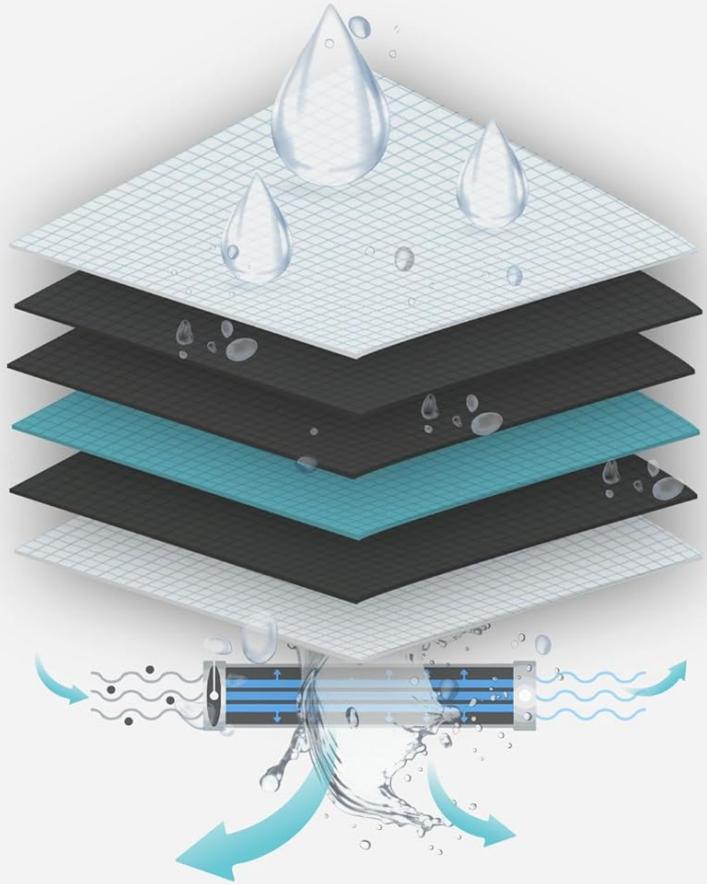
The included Ice Maker & Fridge Connection Kit provides 16FT of 1/4" white tubing, a 1/4" x 1/4" x 1/4" T valve, a 1/4" x 1/4" Inline shut off valve, and a compression fitting set for connecting your RO system to ice makers, water coolers, dispensers, humidifiers, and refrigerators.

OPERATING PRINCIPLES: 7-STAGE FILTRATION

The NU Aqua system employs a sophisticated 7-stage filtration process to deliver exceptionally pure water:

7 STAGE FILTRATION

- 1 Sediment
- 2 Carbon GAC
- 3 Carbon Block
- 4 RO Membrane
- 5 Carbon Post
- 6 Alkaline Remineralization
- 7 UV Sterilization



Lead
Free



Chlorine
Free



Bacteria
Free



Microorg.
Free

Image: Detailed diagram illustrating the seven stages of filtration: Sediment, Carbon GAC, Carbon Block, RO Membrane, Carbon Post, Alkaline Remineralization, and UV Sterilization, highlighting removal of lead, chlorine, bacteria, and microorganisms.

1. **Sediment Filter:** Removes larger particles like rust, sand, and dirt.
2. **Carbon GAC Filter:** Reduces chlorine, odors, and tastes.
3. **Carbon Block Filter:** Further removes chlorine, organic chemicals, and improves water clarity.
4. **RO Membrane:** The core of the system, utilizing HydraCoil technology for up to 50% cleaner water, rejecting up to 99% of 1000+ pollutants including arsenic, fluoride, and lead.
5. **Carbon Post Filter:** Polishes the water for final taste and odor removal.
6. **Alkaline Remineralization Filter:** Adds beneficial minerals like calcium and magnesium, boosts antioxidants, increases alkalinity, and enhances water oxygen levels.
7. **UV Sterilization:** The UV-C sterilization stage is designed to remove 99.9% of microorganisms, effectively disinfecting your water to the highest standards with a high output, long-lasting UV bulb and a bonus flow sensor to prevent warm water and extend bulb life.

ALKALINE REMINERALIZATION FILTER

A DIFFERENCE YOU CAN FEEL AND TASTE



ORP Balls

Calcite

Maifan

Tourmaline

BioCeramic



Adds **Calcium, Magnesium** and more



Boosts **antioxidants**



Boosts **alkalinity**



Increases **water oxygen levels**

NU  **AQUA**

Image: Diagram detailing the internal components of the Alkaline Remineralization filter (ORP Balls, Calcite, Maifan, Tourmaline, BioCeramic) and its benefits: adds calcium/magnesium, boosts antioxidants, boosts alkalinity, increases water oxygen levels.

GUARD AGAINST HARMFUL MICROBES

The UV-C sterilization stage is designed to remove 99.9% of microorganisms



Effectively Disinfects Your Water

Purifies your water to the highest standards



High Output Long-Lasting UV bulb

More effective than standard UV bulbs



Bonus Flow Sensor

Prevents warm water and extends bulb life span

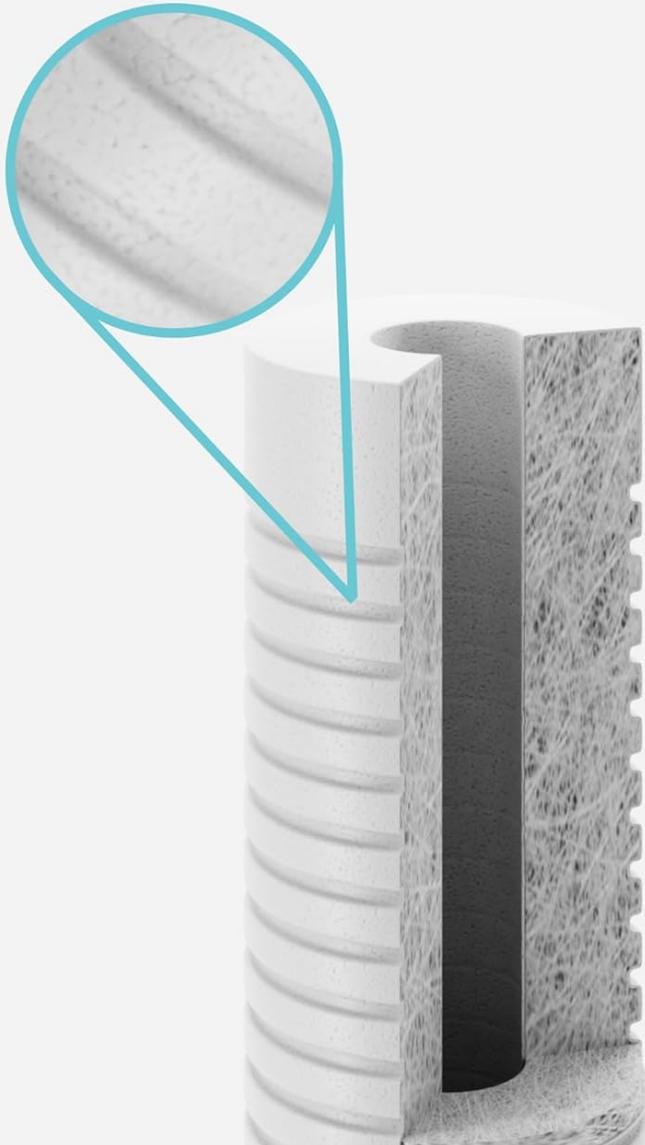
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Image: Information about the UV-C sterilization stage, emphasizing its ability to remove 99.9% of microorganisms, effectively disinfect water, and featuring a high output, long-lasting UV bulb with a bonus flow sensor.

MAINTENANCE

Regular maintenance, primarily filter replacement, is crucial for the optimal performance and longevity of your NU Aqua system. High-quality filters not only improve water quality but also protect the system's components.

LONG-TERM SAVINGS



Proprietary Ridged Design

30% more surface area
saves you **money** with
less frequent filter
replacement



No More Bottled Water

Save **~\$550** per
year on bottled
water

Image: Diagram showing the proprietary ridged design of the filter, which offers 30% more surface area, leading to less frequent filter replacement and long-term savings, including an estimated \$550 per year saved by not buying bottled water.

This system includes a 1-year replacement filter set. The proprietary ridged design of the filters provides 30% more surface area, which can lead to less frequent filter replacements and long-term savings.

Refer to the filter replacement schedule in your quick start guide or on the NU Aqua website for specific intervals. Always use genuine NU Aqua replacement filters to ensure continued 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 the water supply valve to ensure it is fully open. Verify that the storage tank valve is open. Filters may be clogged and require replacement.
- **Leaking Connections:** Turn off the water supply immediately. Inspect all connections and tubing for proper seating and tightness. Ensure O-rings are correctly positioned and not damaged.

- **Unusual Taste or Odor:** This often indicates that carbon filters need replacement. Ensure the system has been flushed properly after initial installation or filter changes.
- **No Water Production:** Check the water supply, tank pressure, and ensure all valves are open. The RO membrane might be clogged or damaged.

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	WU-100GPD-WP-UV-ALK
Product Dimensions	20"L x 20"W x 20"H
Item Weight	40 pounds
Special Feature	Easy to Install
Flow Rate	100 Gallons Per Day (GPD)
Filtration Stages	7 Stages (Sediment, Carbon GAC, Carbon Block, RO Membrane, Carbon Post, Alkaline Remineralization, UV Sterilization)
UPC	021591640284
Color	White

WARRANTY AND SUPPORT

NU Aqua stands by the quality of its products, offering a **3-Year Promise of Quality** and **Lifetime Support** for your Reverse Osmosis system.

	NU AQUA	Other RO Systems
3-Year Promise Of Quality	✓	✗
Lifetime Support	✓	✗
Replacement Filter Cost	\$125.95	\$139+
Included TDS Meter	✓	✗
Included Leak Detector	✓	✗



Image: Comparison chart highlighting NU Aqua's advantages over other RO systems, including a 3-Year Promise of Quality, Lifetime Support, competitive replacement filter cost, included TDS meter, and included leak detector.

For any questions, technical assistance, or warranty claims, please contact NU Aqua customer support through their official website or the contact information provided in your product packaging.

Optional protection plans are available for extended coverage:

- 3-Year Protection Plan
- 4-Year Protection Plan
- Complete Protect (monthly plan covering eligible purchases)

For more details on protection plans, please refer to the product listing or contact your retailer.

