

Bluevua RO100ROPOT

Bluevua RO100ROPOT Reverse Osmosis System User Manual

Your guide to pure, clean, and mineral-enriched water.

1. INTRODUCTION AND OVERVIEW

The Bluevua RO100ROPOT Reverse Osmosis System is a state-of-the-art countertop water filter designed to provide highly purified and mineral-enriched drinking water. This system eliminates the need for complex plumbing or installation, offering a portable and convenient solution for home, office, RV, or apartment use. It features a 4-stage purification process, including a remineralization filter, ensuring 99.9% removal of contaminants while balancing taste and health benefits.

The system is equipped with a premium-quality borosilicate glass carafe, reducing the risk of secondary pollution often associated with plastic containers. Its intelligent design includes a filter life monitor and power-saving standby mode, making it an efficient and sustainable choice for your hydration needs.



Figure 1.1: The Bluevua RO100ROPOT Reverse Osmosis System, a compact countertop unit.

Bluevua Classic Model Complete Purity



**5-Stage RO
Filtration**



**Borosilicate
Glass Carafe**



**No Installation
Required**



**Essential
Mineral Infusion**



**1000+
Contaminants
Removal**



**Real-Time TDS
Monitoring**

Figure 1.2: The Bluevua Classic Model emphasizing complete purity and ease of use for families.



Figure 1.3: The system's portability allows for use in apartments, condos, RVs, and offices without installation.

2. SETUP

Setting up your Bluevua RO100ROPOT system is straightforward and requires no complex installation. Follow these steps to begin enjoying purified water:

1. **Unpack the System:** Carefully remove all components from the packaging. Ensure all protective materials are removed from the filters inside the side compartment.
2. **Place the Unit:** Position the system on a stable, flat surface near a power outlet.
3. **Fill the Raw Water Tank:** Locate the raw water tank at the back of the unit. Fill it with tap water up to the maximum level indicated. Then, place the tank back into its original position, ensuring it is securely seated.
4. **Place the Glass Carafe:** Ensure the glass carafe is correctly placed in the designated slot beneath the dispenser.
5. **Plug In:** Connect the power cord to a suitable electrical outlet.
6. **Initial Flush:** For first-time use or after filter replacement, it is recommended to perform an initial flush. Gently press the

round water-making button to leave the power-saving mode. Press it again to start making pure water. The system will automatically back-flush for 18 seconds when it accumulates up to 30 minutes of operation. This ensures optimal performance and taste.



Figure 2.1: The Quick Operation Guide on the side of the unit provides visual instructions for setup and use.

3. OPERATING INSTRUCTIONS

Once set up, operating your Bluevua RO100ROPOT system is simple:

- **Power On:** Press the power button (usually indicated by a circular icon) to turn on the unit. The LCD display will illuminate.
- **Select Water Volume:** Use the volume button (often indicated by a wave icon) to select the desired amount of purified water (e.g., Small, Medium, Large). The system can dispense 0.5L, 1L, or 1.7L per cycle.
- **Start Purification:** Press the water-making button (round button) to start the purification process. Water will begin to dispense into the glass carafe.
- **TDS Monitoring:** The LCD display shows the Total Dissolved Solids (TDS) levels of both incoming (IN) and outgoing (OUT) water, allowing you to monitor the purification effectiveness.
- **Filter Life Indicator:** The display also shows the remaining life of each of the four filters, indicated by bars. This helps you know when it's time for replacement.



Figure 3.1: The Smart LCD Display provides real-time information on TDS levels and filter lifespan.

Pure Water Straight to Glass Carafe

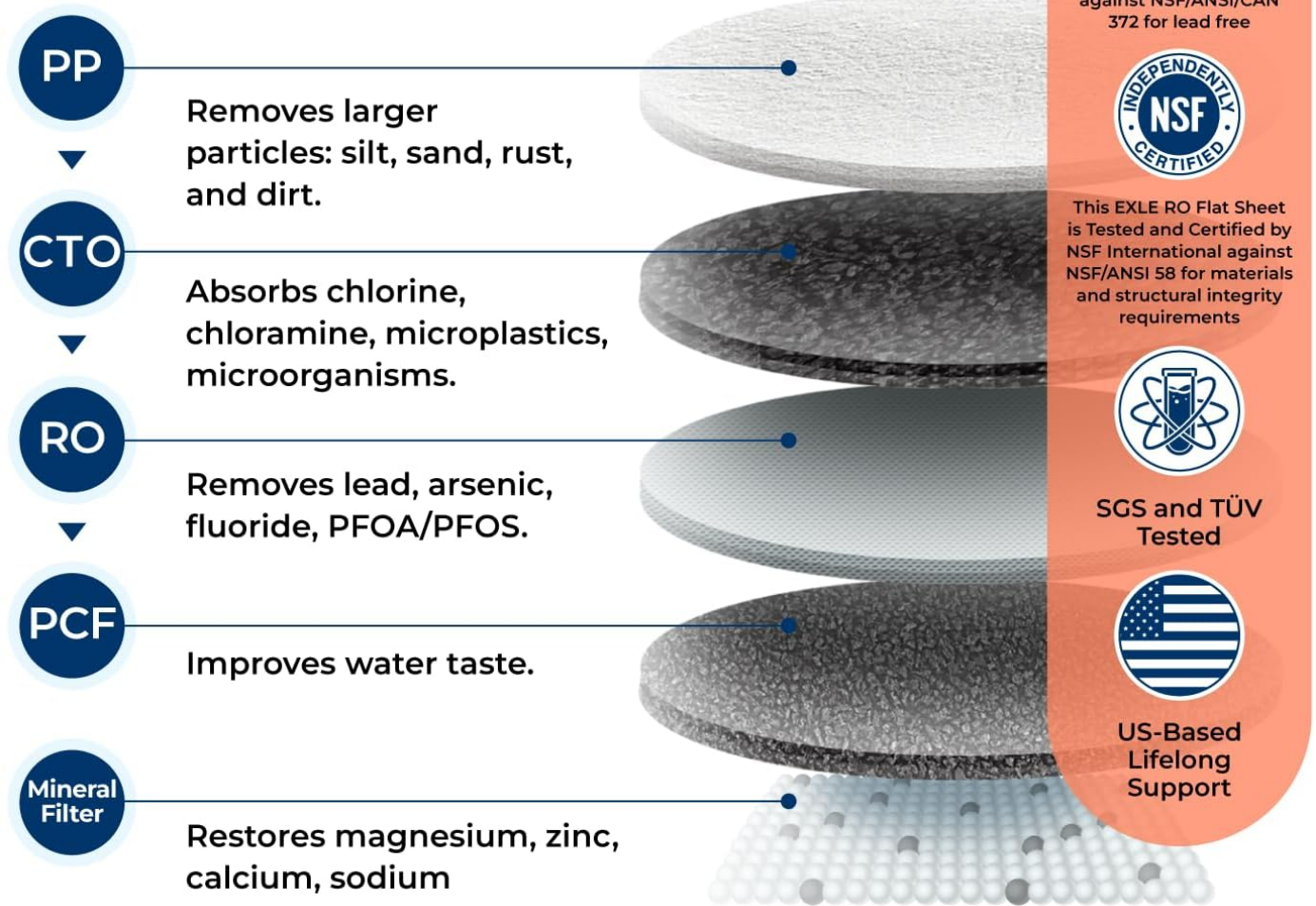


Figure 3.2: The system dispenses pure water directly into the durable high borosilicate glass carafe.

5-Stage RO Filtration

Remove 99.99%

1000+ Harmful Contaminants



Please note EXLE RO Flat Sheet, the key filtration component of our RO systems, is purchased from FilmTec Corporation and certified against NSF/ANSI 58. Please review the NSF certification using the link: <https://info.nsf.org/Certified/DWTU/Listings.asp?Company=44420&Standard=058>. For more test reports, please feel free to reach out via support@bluevua.com

Figure 3.3: The 5-stage advanced RO filtration system removes 99.99% of harmful contaminants.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Bluevua RO100ROPOT system. The filter life monitor on the display will indicate when filters need replacement.

Filter Replacement Schedule:

- **PP (Polypropylene Sediment Filter) & CTO (Coconut Carbon Block Filter):** Typically last 12-24 months.
- **RO (Reverse Osmosis Membrane) & PCF (Post Carbon Filter):** Typically last 12-24 months.
- **Remineralization Filter (in carafe):** Replace every 6 months.

Note: Filter lifespan can vary based on water quality and usage. The monitor display will guide you on exact replacement times.

How to Replace Filters:

1. **Power Off:** Turn off the unit and unplug it from the power outlet.
2. **Access Filters:** Open the side compartment cover to access the filters.
3. **Remove Old Filters:** Gently twist and pull out the old filters. Note the number on each filter to ensure correct replacement.
4. **Install New Filters:** Insert the new filters into their corresponding slots, ensuring they are securely twisted into place.
5. **Reset Filter Life:** After replacing filters, push the toggle switch behind the panel to reset the filter life indicator on the display.
6. **Replace Remineralization Filter:** The remineralization filter is located within the carafe. Twist it off, replace with a new one, and rinse under cold water for less than a minute before use.

Bluevua Durable Long Lifespan Filters



Pitcher / 0.5µm



2 months



Other Countertop RO Systems



6 months



ROPOT / 0.0001µm



12-24 months



***Based on the longest filter lifespan used in each product.**

Figure 4.1: Comparison of filter lifespans, highlighting the long-lasting Bluevua filters.

Figure 4.2: The four main filters: Polypropylene Sediment (PP), Coconut Carbon Block (CTO), Reverse Osmosis (RO), and Post Carbon

(PCF).

Figure 4.3: The remineralization filter, which adds essential minerals back to the purified water.

5. TROUBLESHOOTING

If you encounter any issues with your Bluevua RO100ROPOT system, please refer to the following general troubleshooting tips. For more detailed solutions, consult the official [Troubleshooting Guide \(PDF\)](#).

- **No Water Dispensing:**

- Ensure the unit is properly plugged in and powered on.
- Check if the raw water tank is filled to the MAX line and correctly seated.
- Verify that the glass carafe is properly placed in its slot.
- Ensure the water-making button has been pressed.

- **Unusual Taste/Odor:**

- Perform an initial flush cycle as described in the Setup section.
- Check the filter life indicators on the display. Replace any expired filters.
- Ensure the remineralization filter is properly installed and not expired.

- **High TDS Reading (OUT):**

- This indicates that the filters, especially the RO membrane, may need replacement. Refer to the filter life indicators.
- Ensure the raw water tank is not filled with previously rejected water, as this can concentrate impurities.

- **Leaking:**

- Check all connections and ensure the raw water tank and glass carafe are seated correctly.
- Inspect filters for proper installation and ensure they are tightly twisted.

6. SPECIFICATIONS

Feature	Detail
Brand	Bluevua
Model Name	ROPOT (RO100ROPOT)
Special Feature	Reduce TDS
Product Dimensions	10.9"L x 15.4"W x 14.3"H
Installation Type	Countertop
Power Source	Corded Electric
Item Weight	23.15 Pounds
Maximum Flow Rate	0.26 Liters Per Minute
UPC	648722738551



Figure 6.1: Detailed dimensions of the Bluevua RO100ROPOT system.

7. WARRANTY AND SUPPORT

Bluevua stands behind the quality of its products. The RO100ROPOT Reverse Osmosis System comes with **a1-year limited manufacturer warranty** upon registration. For any questions, support, or warranty claims, please contact Bluevua customer service.

You can also find more information and support resources by visiting the official Bluevua store on Amazon or by scanning the QR code below for third-party certification details.

Figure 7.1: Bluevua is committed to providing exceptional service and support.



Figure 7.2: Scan this QR code to verify official third-party certifications for the product.
For direct access to certification details, visit: <https://qrco.de/bf4cO6>

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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