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› Ecoviva RO600 Under Sink Reverse Osmosis Water Filter System Instruction Manual

Ecoviva RO600

Ecoviva RO600 Under Sink Reverse Osmosis Water Filter System Instruction Manual

Brand: Ecoviva | **Model:** RO600

1. INTRODUCTION

The Ecoviva RO600 Under Sink Reverse Osmosis Water Filter System is designed to provide purified water directly from your kitchen faucet. This system incorporates advanced filtration technology to enhance water quality for various household needs. It features an 8-stage filtration process utilizing a 0.0001 μm membrane to effectively reduce contaminants such as PFAS, heavy metals (lead, arsenic, aluminum), and other impurities, while a PCT filter improves taste. With a 600 gallons per day (GPD) capacity, it delivers a rapid flow of approximately 53 oz/min and boasts a 2.5:1 pure to drain ratio, significantly reducing water waste compared to conventional systems.

2. PRODUCT OVERVIEW



Figure 1: Ecoviva RO600 System and Dual Output Faucet

The Ecoviva RO600 system includes a compact main unit designed for under-sink installation and a sleek dual-output faucet. The main unit houses the filtration cartridges, while the faucet provides both reverse osmosis (RO) purified water and filtered water for different uses.



RO Filter

Function:

When processing municipal tap water, it effectively filters heavy metal ions, bacteria, and other impurities from the tap water.

Note:

1. The filter cartridge service life may vary from the water quality in different area or the water consumption of different families.
2. For any other issues, please refer to the instruction manual or contact us via support@ecoviva.co
3. Applicable water temperature: 5-38°C

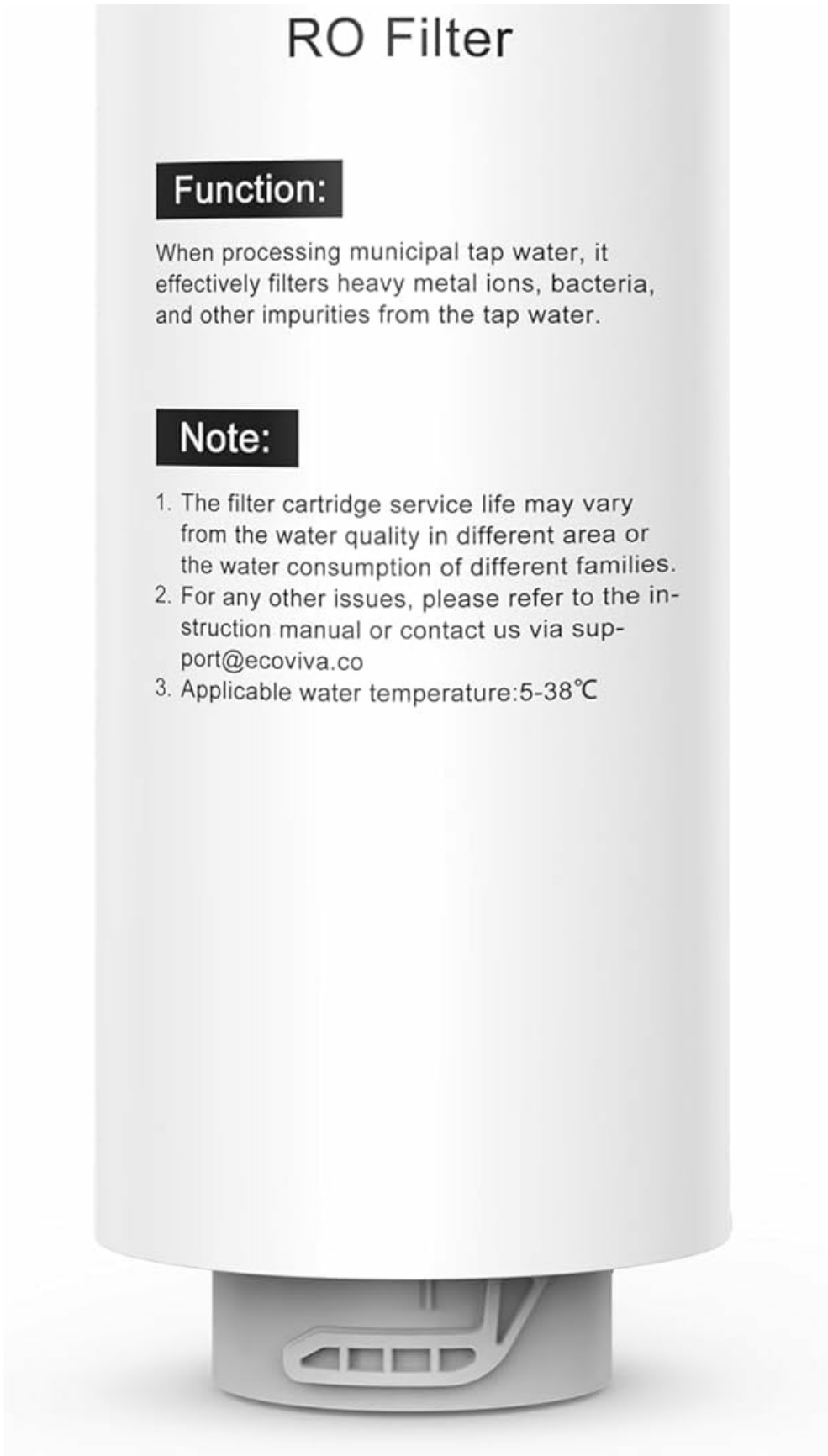


Figure 2: RO Filter Cartridge

The system utilizes an RO filter and a PCT composite filter. The RO filter's 0.0001 μm membrane is crucial for removing heavy metals and other microscopic impurities. The PCT filter enhances the taste of the water. Filter cartridge service life may vary based on water quality and consumption. Refer to the instruction manual for specific replacement guidelines.

3. SETUP AND INSTALLATION

The Ecoviva RO600 system is designed for straightforward installation under your sink. The compact design (13.77" x 5.31" x 14.35") saves up to 75% of under-sink space, allowing for ample storage.

Video 1: V2 Series Installation Guide (Relevant for 600GPD systems)

For a detailed visual guide on the installation process, please refer to the provided video. The general steps involve connecting the system to your cold water supply, installing the dual-output faucet on your sink or countertop, and connecting the drain line. The system's compact size ensures it fits discreetly, leaving sufficient space for other items.



Figure 3: Under-sink installation of the Ecoviva RO600 system

4. OPERATING INSTRUCTIONS

One Faucet, Two Perfect Waters

Always keep drinking pure water



Figure 4: Dual Output Faucet in Use

The Ecoviva RO600 system features a dual-output faucet for versatile water usage. One lever dispenses pure RO water, ideal for drinking and cooking. The other lever provides filtered water, suitable for washing dishes, fruits, and vegetables, minimizing wastewater. The faucet also includes an O-ring indicator for real-time filter life monitoring.

Smart Dual-Notification System

Never miss a replacement - avoid drinking unfiltered water



Figure 5: Filter Status Indicators on the System Panel and Faucet

The system panel and faucet O-ring provide real-time monitoring of filter life. A blue light typically indicates good filter status, while a red light signals that a filter replacement is needed. This smart notification system helps ensure you always have access to purified water and avoid consuming unfiltered water.

5. MAINTENANCE

2-in-1 Automatic & Manual Cleaning



Figure 6: Automatic and Manual Flushing Features

The Ecoviva RO600 system incorporates advanced auto-flushing modes to effectively filter sediment and maintain the ongoing freshness and purity of the water supply. This feature helps prolong filter life and ensures consistent water quality. Manual flushing options are also available for additional maintenance.

Video 2: RO 600 Customers (Ecoviva Direct, shows filter replacement)

Filter replacement is designed to be simple and tool-free. When the filter indicator signals a replacement is due (e.g., a red light on the faucet or system panel), simply twist off the old cartridge and twist in the new one. The RO filter typically requires replacement every 12-24 months, while the PCT filter may need replacement every 6-12 months, depending on usage and water quality.

6. TROUBLESHOOTING

- **Low Water Flow:** Check if filters are due for replacement. Ensure the water supply valve is fully open.
- **Unusual Taste/Odor:** Replace filters as indicated by the system. Flush the system for a few minutes after filter replacement.
- **Leaks:** Ensure all connections are securely tightened. Check O-rings and seals for proper seating.
- **Filter Indicator Not Working:** Verify power connection to the system.

For any other issues or detailed troubleshooting steps, please refer to the comprehensive user manual or contact

customer support.

7. SPECIFICATIONS

- **ASIN:** B0F9L1PTZJ
- **Date First Available:** July 2, 2024
- **Filtration Stages:** 8-stage (including 0.0001 µm RO membrane and PCT filter)
- **Capacity:** 600 GPD (Gallons Per Day)
- **Flow Rate:** 53 oz/min (approx. 0.42 gal/min)
- **Pure to Drain Ratio:** 2.5:1
- **Dimensions:** 13.77" x 5.31" x 14.35" (Compact design)
- **Certification:** NSF/ANSI 58 certified

8. WARRANTY AND SUPPORT

For warranty information, product registration, or technical support, please refer to the contact details provided in your product packaging or visit the official Ecoviva website. Our customer service team is available to assist you with any questions or concerns regarding your RO600 water filter system.