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› Ecoviva E8 Reverse Osmosis Water Filter System, 800 GPD

Ecoviva E8

Ecoviva E8 Reverse Osmosis Water Filter System

Model: E8 | 800 GPD Tankless System

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Ecoviva E8 Reverse Osmosis Water Filter System. The Ecoviva E8 is a tankless, under-sink water purification system designed to provide high-quality drinking water. It features an 800 GPD (Gallons Per Day) capacity and a 9-stage filtration process to effectively remove contaminants. Please read this manual thoroughly before installation and use to ensure proper function and longevity of your system.

Sistema di osmosi inversa a 9 stadi

per la rimozione del 99% delle sostanze nocive

1 Tessuto non tessuto PP a rete

2 Tessuto non tessuto PP piegheggiato

3 Strato protettivo contro il calcare

4 Blocco di carbone attivo prefiltro

5 Microporoso Strato di carbone attivo

6 **Membrana RO**
(0.0001 μ m)

7 Prefiltro in tessuto non tessuto

8 Blocco di carbone attivo postfiltro

9 Postfiltro in tessuto non tessuto



Chlor



Unangenehmer Geschmack
Schwebstoffe



Fluorid



PFOA



Blei



Schwermetalle



Chloroform



PFAS

Figure 1: Detailed diagram of the Ecoviva E8's 9-stage reverse osmosis filtration system, showing layers like PP non-woven fabric, pleated PP, anti-scale layer, pre-filter carbon block, microporous carbon layer, RO membrane (0.0001 μ m), and post-filters. This system effectively removes 99% of harmful substances including chlorine, unpleasant tastes, fluoride, PFOA, lead, heavy metals, and chloroform.

SAFETY INFORMATION

- Ensure all connections are secure to prevent leaks.
- Do not operate the system if any components are damaged.

- The system requires an electrical power source. Ensure the power outlet is properly grounded.
- Keep the system away from direct sunlight and heat sources.
- Only use genuine Ecoviva replacement filters.
- The operating temperature range is 5°C to 38°C. Do not expose to freezing temperatures.
- Maximum supported TDS is 500 PPM.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- RO System Unit (with RO and PPC filters pre-installed)
- Smart Faucet with LED display
- Installation Kit (includes tubing, adapters, and connectors)
- User Manual

SPECIFICATIONS

Feature	Specification
Brand	Ecoviva
Model Name	E8
Special Feature	Reduces TDS, Tankless Design
Product Dimensions	42L x 12.7W x 31H cm
Material	Polypropylene
Capacity	800 Gallons Per Day (3028 L/day)
Installation Type	Under Sink
Purification Method	Reverse Osmosis (9-stage filtration)
Power Source	Corded Electric
Lower Temperature Range	5°C
Upper Operating Temperature	38°C
Max Supported Water TDS	500 PPM
Filter Lifespan (RO)	24 Months
Filter Lifespan (PPC)	12 Months
Waste Water Ratio	2.5:1 (Pure to Waste)
Item Weight	8.29 kg
Country of Origin	China

SETUP AND INSTALLATION

The Ecoviva E8 system is designed for under-sink installation. A dedicated faucet is included for purified water.

1. Prepare the Installation Area

- Ensure sufficient space under your sink for the main unit (42L x 12.7W x 31H cm).
- Locate a suitable position for the dedicated purified water faucet on your countertop. A hole of approximately 24mm (0.94 inch) diameter is required for the faucet.
- Identify the cold water supply line and a drain line for the waste water.
- Ensure a grounded electrical outlet is available under the sink.

Design compatto

80% di risparmio di spazio

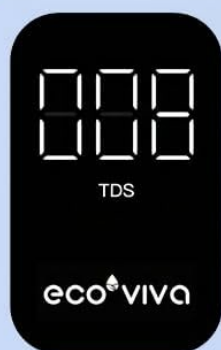


Figure 2: Compact design of the Ecoviva E8 system installed under a sink, highlighting its dimensions (42 cm length, 12.7 cm width, 31 cm height) and the requirement for an electrical connection.

2. Install the Faucet

- Drill a 24mm hole in the desired countertop location if one does not exist.
- Insert the faucet stem through the hole and secure it from below with the provided hardware.
- Connect the water line from the RO system to the faucet.

Rubinetto intelligente con indicatore di cambio filtro



Tempo reale
Monitor TDS



Promemoria durata
filtro

Figure 3: The smart faucet features a 360-degree swivel and an integrated LED display that shows real-time TDS values and filter lifespan reminders. The required installation hole diameter is 0.94 inches (24mm).

3. Connect Water Lines

- Turn off the cold water supply to your sink.
- Install the cold water adapter to your cold water line.
- Connect the inlet water line from the adapter to the RO system.

- Install the drain saddle valve onto the drain pipe.
- Connect the waste water line from the RO system to the drain saddle.
- Connect the purified water line from the RO system to the smart faucet.

4. Power Connection and Initial Flush

- Plug the power adapter into the RO system and then into a grounded electrical outlet.
- Slowly turn on the cold water supply. Check for any leaks.
- Open the purified water faucet and allow the system to flush for at least 15-30 minutes. This removes air and carbon fines from the new filters.
- Close the faucet. The system is now ready for use.

OPERATING INSTRUCTIONS

The Ecoviva E8 system provides instant purified water on demand.

Dispensing Water

- To dispense purified water, simply turn the handle on the smart faucet.
- The faucet's LED display will show the real-time Total Dissolved Solids (TDS) level of the purified water.
- The system delivers water at a high flow rate, quickly filling various containers.

Si riempie in un attimo



Figure 4: The system fills a 180ml cup in 5 seconds, a 700ml bowl in 20 seconds, and a 1500ml carafe in 40 seconds, demonstrating its high flow rate.

Understanding the Smart Faucet Display

- **TDS Value:** Indicates the purity of the water. Lower numbers signify higher purity.
- **Filter Status Indicator:** The display will alert you when it's time to replace the filters. Refer to the Maintenance section for details.

Acqua pura per ogni uso domestico



Lavare la frutta



Fabbisogno giornaliero di acqua



Cucinare



Preparare alimenti per neonati

Figure 5: Purified water from the Ecoviva E8 system is suitable for various household uses, including washing fruits, daily drinking, cooking, and preparing baby food.

MAINTENANCE

Regular maintenance ensures optimal performance and water quality. The Ecoviva E8 uses two main filters: the PPC filter and the RO filter.

Filter Replacement Schedule

- **PPC Filter:** Replace every 12 months.
- **RO Filter:** Replace every 24 months.

The smart faucet display will provide reminders when filters are due for replacement.



Figure 6: The Ecoviva E8 system utilizes two filters: the PPC filter with a 12-month lifespan and the RO filter with a 24-month lifespan, contributing to lower daily operating costs.

Replacing Filters

1. Turn off the cold water supply to the system.
2. Unplug the power adapter from the electrical outlet.
3. Twist the old filter cartridge counter-clockwise to unlock and remove it.
4. Insert the new filter cartridge, aligning the arrows, and twist clockwise to lock it into place.
5. Plug in the power adapter and turn on the cold water supply.
6. Flush the new filter by running water from the faucet for 5-10 minutes to remove air and carbon fines.
7. Reset the filter life indicator on the smart faucet (refer to faucet instructions for specific steps).

Cleaning

- Wipe the exterior of the system and faucet with a soft, damp cloth. Do not use abrasive cleaners.
- Periodically check for any mineral buildup around the faucet spout and clean as necessary.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No water flow from faucet	Water supply off, power off, clogged filters, kinked tubing.	Check water supply valve, ensure power is connected, replace filters if due, inspect tubing for kinks.
Low water flow rate	Low incoming water pressure, clogged filters, air in system.	Check household water pressure, replace filters, flush system to remove air.
Water tastes unusual	New filters not flushed sufficiently, expired filters.	Flush system for longer (15-30 minutes), replace filters if they are past their lifespan.
Leaks	Loose connections, damaged O-rings, cracked housing.	Tighten all connections, inspect O-rings and replace if damaged, contact support for cracked components.
High TDS reading on faucet	RO membrane exhausted, high incoming TDS.	Replace RO filter, ensure incoming water TDS is within system limits (max 500 PPM).

WARRANTY AND SUPPORT

The Ecoviva E8 Reverse Osmosis Water Filter System comes with a **5-year warranty** on all device components, excluding consumable filters and mineralization media.

Ecoviva also guarantees the availability of spare parts in the EU for 5 years.

For technical support, warranty claims, or any questions regarding your Ecoviva E8 system, please contact Ecoviva customer service. We aim to provide a suitable solution within 24 hours.

- **Customer Service:** Refer to the contact information provided in your product packaging or on the official Ecoviva website.
- **Online Resources:** Visit the Ecoviva website for FAQs, additional support documents, and to purchase genuine replacement filters.

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