

## Ecoviva MATE5-RO

# Ecoviva MATE 5 RO Replacement Filters User Manual

Model: MATE5-RO

## 1. INTRODUCTION

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This manual provides essential information for the installation, operation, and maintenance of your Ecoviva MATE 5 RO replacement filters. These filters are designed to ensure high-quality purified water from your Ecoviva MATE 5 reverse osmosis system. Please read these instructions carefully before proceeding.

## 2. PRODUCT OVERVIEW

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The Ecoviva MATE 5 RO replacement filter is a crucial component of your reverse osmosis water purification system. It utilizes an advanced RO membrane to provide exceptional water purity.

### Key Features:

- **High Purity Filtration:** The RO membrane features a pore size of only 0.0001 micrometers, effectively filtering out nearly all impurities from water.
- **Comprehensive Contaminant Removal:** Reliably eliminates heavy metals, limescale, bacteria, viruses, hormones, and other dissolved solids.
- **Extended Lifespan:** Designed for a long operational life of up to 18 months, ensuring consistent water quality over time.
- **Efficient Flow Rate:** Maintains a solid flow rate of 400 ml/min, providing purified water without significant delays.
- **Durable Construction:** Made from Acrylonitrile Butadiene Styrene (ABS) for durability and safety.



Image: Ecoviva RO filter highlighting its 18-month lifespan, demonstrating its long-term value.

### 3. FILTRATION PROCESS

The Ecoviva MATE 5 system, with its replacement filters, employs an 8-stage filtration process, including UV disinfection, to achieve high water purity. The RO membrane is central to this process.

#### Précision du filtre : jusqu'à 0,0001 micromètre.

Technologie supérieure, sécurité éprouvée.

- ✓ Métaux lourds comme le plomb, l'arsenic, le mercure
- ✓ Chlore, odeurs/goûts désagréables
- ✓ Bactéries et virus
- ✓ Nitrates, résidus de médicaments, microplastiques



Image: Detailed diagram of the 8-stage filtration process, emphasizing the 0.0001 micrometer precision of the RO membrane and the types of contaminants removed.

## Contaminants Removed:

- Heavy metals (e.g., lead, arsenic, mercury)
- Limescale
- Bacteria and viruses
- Hormones
- Chlorine, unpleasant odors, and tastes
- Nitrates, pharmaceutical residues, microplastics



Image: Visual representation of the 8-stage filtration and UV disinfection, highlighting the broad spectrum of impurities eliminated.

## 4. FILTER TYPES AND REPLACEMENT SCHEDULE

The Ecoviva MATE 5 system uses three main types of filters, each with a specific lifespan:

- **RO Filter (Reverse Osmosis Membrane):** Replace every 18 months.
- **PPC Filter (Pre-filter):** Replace every 8 months.
- **C Filter (Carbon Filter):** Replace every 8 months.

Regular replacement according to this schedule is crucial for maintaining optimal water quality and system performance.

# 3 Filtres Séparés & Lampe UV Jusqu'à 99% des polluants éliminés

Précision de 0.0001µm Filtration en 8 étapes



Microplastiques



Nitrates,  
Résidus  
Médicamenteux



Bactéries  
& Virus



Chlore, Odeurs  
et Goûts  
Désagréables



Métaux lourds  
comme Plomb,  
Arsenic, Mercure



Image: The Ecoviva MATE 5 system displaying the PPC, C, and RO filters, indicating their recommended replacement intervals.

## 5. FILTER INSTALLATION AND REPLACEMENT

Replacing the filters in your Ecoviva MATE 5 system is a quick and tool-free process.

### Steps for Filter Replacement:

1. **Turn off the system:** Ensure the Ecoviva MATE 5 system is powered off and disconnected from the water supply before beginning.
2. **Open the filter compartment:** Locate and open the filter access panel on your MATE 5 system.
3. **Remove the old filter:** Gently twist the old filter counter-clockwise and pull it out. Dispose of the used

filter responsibly.

4. **Insert the new filter:** Align the new filter with the slot and push it in. Twist clockwise until it locks securely into place.
5. **Close the compartment:** Securely close the filter access panel.
6. **Flush the system:** After replacing any filter, it is recommended to flush the system by dispensing water for a few minutes to remove any air or loose carbon particles. Refer to your main MATE 5 system manual for specific flushing instructions.

## Rapide et sans outil



Image: Step-by-step visual guide for replacing a filter in the Ecoviva MATE 5 system, highlighting the ease of the tool-free process.

## 6. MAINTENANCE

Proper maintenance, primarily timely filter replacement, is essential for the longevity and efficiency of your Ecoviva MATE 5 system and the quality of your drinking water.

- **Adhere to Replacement Schedule:** Always replace filters according to the recommended intervals (RO filter every 18 months, PPC and C filters every 8 months).
- **Pre-filter Importance:** A well-maintained pre-filter (PPC filter) protects the RO membrane from harmful deposits, ensuring its stable and long-term performance.

- **Automatic Rinse Function:** The MATE 5 system includes an integrated automatic rinse function to help maintain filter performance.

## 7. SPECIFICATIONS

Attribute	Detail
Model Number	MATE5-RO
Material	Acrylonitrile Butadiene Styrene (ABS)
Product Dimensions (D x W x H)	7 x 7 x 18 cm
RO Membrane Pore Size	0.0001 micrometers
RO Filter Lifespan	18 months
PPC/C Filter Lifespan	8 months
Manufacturer	Guangdong LESSO Water Purification Technology Co., Ltd.
Country of Origin	China

## 8. WARRANTY AND SUPPORT

Ecoviva is committed to providing high-quality products and excellent customer service.

- **Warranty:** Your Ecoviva MATE 5 replacement filters are covered by a 24-month warranty.
- **Customer Support:** We offer 24/7 instant help and support. For any inquiries or assistance, please contact Ecoviva customer service.
- **Quality Assurance:** Products are manufactured with a focus on superior quality and craftsmanship.



Image: Ecoviva's commitment to customer satisfaction, highlighting warranty and support services.

