

Thereye WP05

Thereye RO Water Filter Element WP05 Instruction Manual

For 1000 GPD Undersink Tankless Water Filter Systems

1. INTRODUCTION

This manual provides essential information for the proper use, installation, and maintenance of the Thereye RO Water Filter Element, model WP05. This filter element is designed for integration with Thereye 1000 GPD Undersink Tankless Water Filter Systems. Please read these instructions carefully before installation and operation to ensure optimal performance and longevity of your water filtration system.

2. PRODUCT OVERVIEW

The Thereye RO Water Filter Element WP05 is a critical component of the 8-stage filtration system, designed to effectively reduce contaminants from tap water. It utilizes a semi-permeable membrane to separate water molecules from other substances, effectively removing lead, bacteria, TDS, and heavy metals with a filtration fineness of $0.0001\mu\text{m}$.



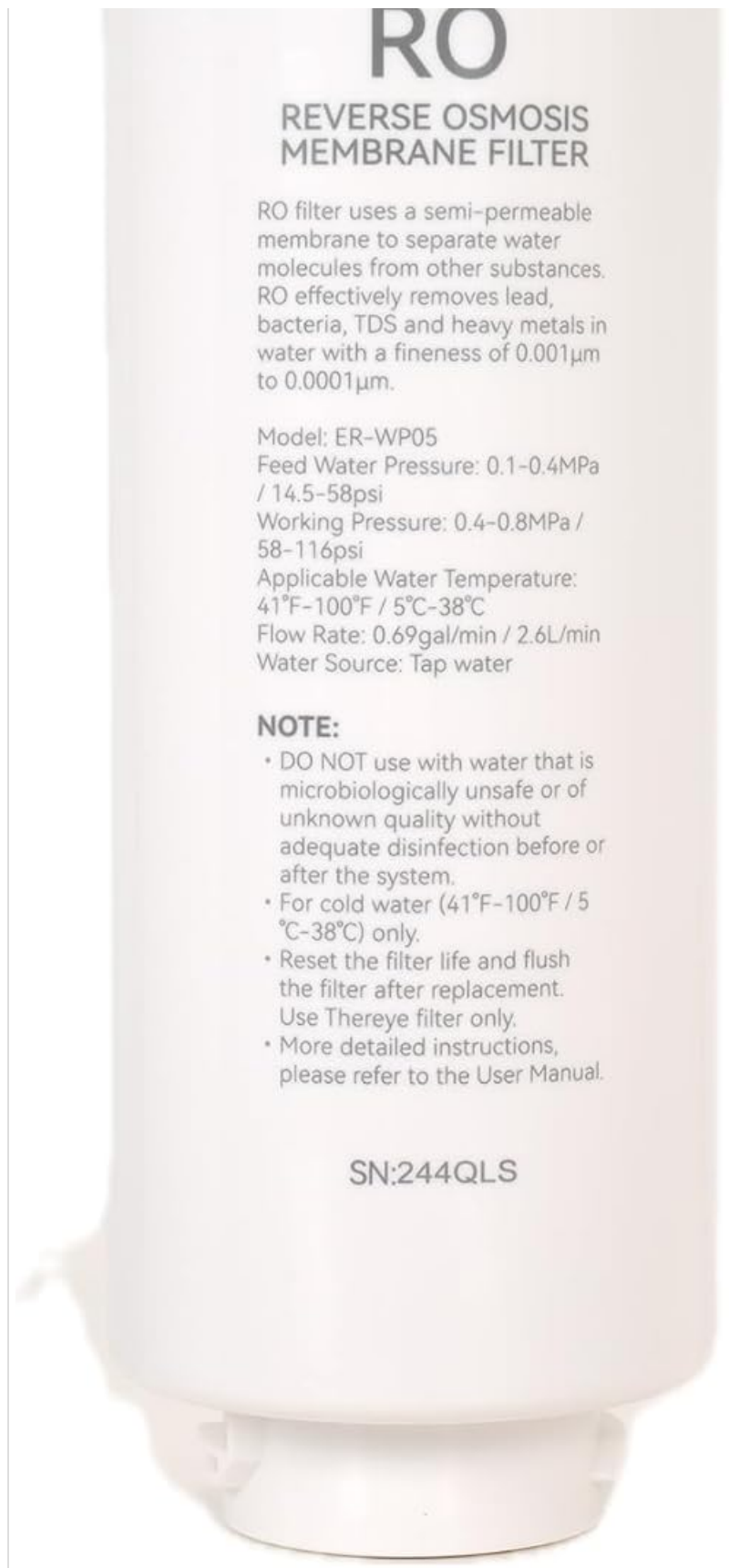


Image 2.1: Thereye RO Water Filter Element WP05.

2.1 Filtration Stages

The Thereye 1000 GPD system, which uses this RO filter element, employs an advanced 8-stage filtration process:

1. **Stage 1:** PP Cotton
2. **Stage 2:** 5 Micron Polypropylene Fabric

3. **Stage 3:** Coconut Shell Activated Carbon
4. **Stage 4:** Food Grade RO Antiscalant
5. **Stage 5:** 1 Micron Polypropylene Fabric
6. **Stage 6:** 0.0001 Micro RO Membrane (This product)
7. **Stage 7:** Post Carbon Filter
8. **Stage 8:** PP Cotton

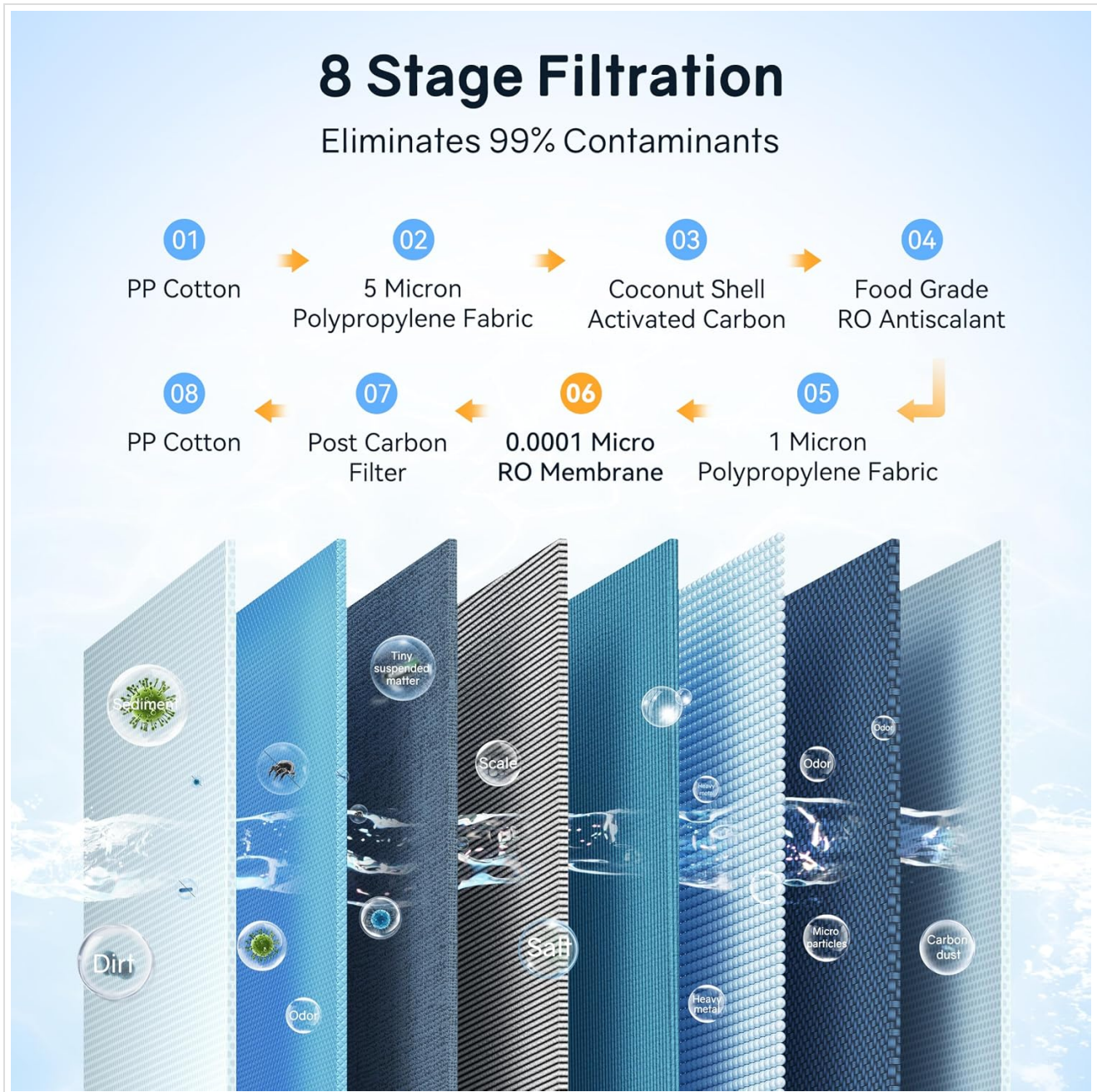


Image 2.2: Visual representation of the 8-stage filtration process, highlighting the various layers that purify water.

2.2 Tankless Design Benefits

The tankless design of the compatible system conserves space and prevents secondary contamination associated with stored water. It also boasts an efficient 2:1 pure to wastewater ratio, significantly reducing water waste compared to traditional tank-based RO systems.



Image 2.3: Illustration of the 2:1 pure water to wastewater ratio, demonstrating water efficiency.

3. SETUP AND INSTALLATION (FILTER REPLACEMENT)

This section details the replacement procedure for the RO filter element. For initial system setup, please refer to the main Thereye 1000 GPD Undersink Tankless Water Filter System manual.

3.1 Safety Precautions

- Turn off the water supply to the filtration system before beginning.
- Unplug the system from the electrical outlet.
- Release any residual pressure by opening the filtered water faucet.

3.2 Replacing the RO Filter Element

1. Locate the RO filter housing on your Thereye 1000 GPD system. The RO filter is typically labeled.
2. Twist the old RO filter element counter-clockwise to unlock and remove it.
3. Unpack the new Thereye RO Water Filter Element WP05.

4. Insert the new filter element into the housing, aligning the tabs.
5. Twist the new filter element clockwise until it locks securely into place.
6. Reconnect the power and turn on the water supply.
7. Flush the new filter as described in the Operating Instructions section.

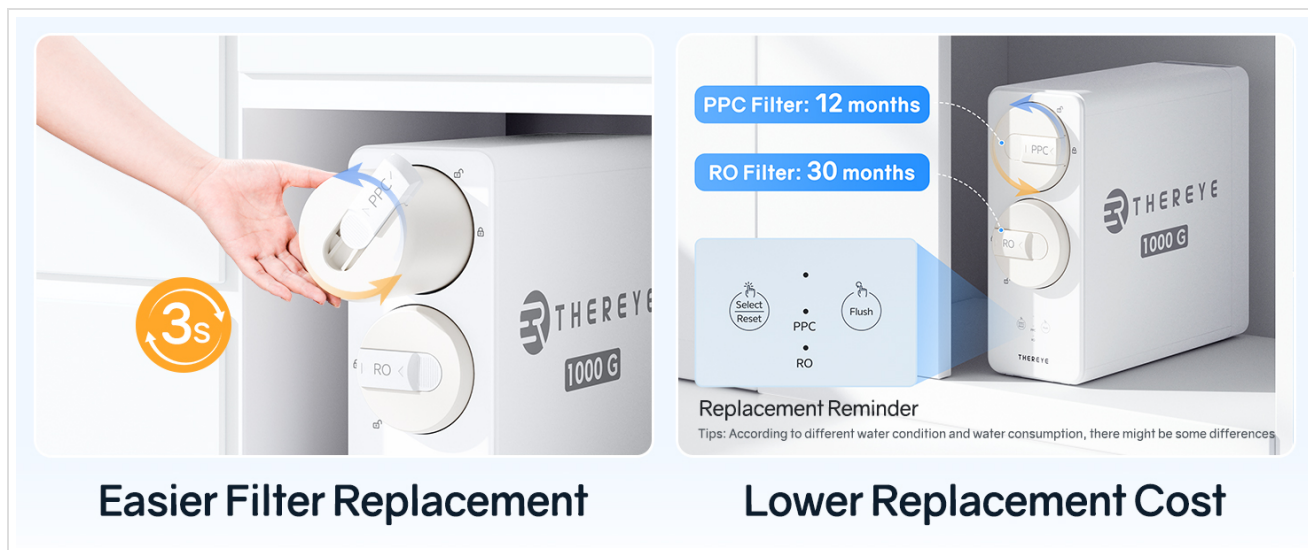


Image 3.1: Visual guide for the quick and easy filter replacement process.

4. OPERATING INSTRUCTIONS

4.1 Initial Flushing

After replacing the RO filter element, it is essential to flush the system to remove any air and carbon fines. Run water through the filtered water faucet for approximately 5-10 minutes, or until the water runs clear and free of air bubbles. Discard this initial flushed water.

4.2 Smart Display Faucet

The compatible Thereye system includes a smart display faucet that provides real-time information:

- **TDS Monitor:** Displays the Total Dissolved Solids (TDS) level of the filtered water, indicating water quality.
- **Filter Lifespan Indicator:** Provides reminders for timely filter replacements.

Smart Display Faucet

	Thereye	Other
TDS Indicator	✓	✗
Filter Lifespan Indicator	✓	✗
360° Rotate	✓	✗
Water Flow Rate	1000 GPD	600 GPD

Image 4.1: Features of the smart display faucet, including TDS monitoring and filter lifespan indicators.

5. MAINTENANCE

Regular replacement of filter elements is crucial for maintaining optimal water quality and system performance. The lifespan of filters can vary based on local water quality and usage volume.

5.1 Filter Replacement Schedule

- **PPC Filter:** Approximately every 12 months.
- **RO Filter (WP05):** Approximately every 30 months.

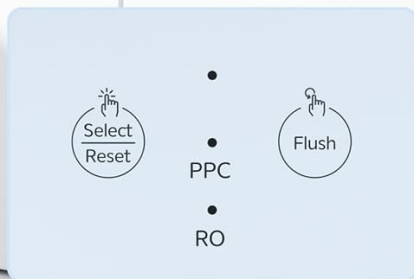
Always refer to the filter lifespan indicator on your system's display faucet for precise replacement reminders.

Cost-effective Filter Element

• 3-sec replacement • lifespan indicator

PPC Filter: 12 months

RO Filter: 30 months



Tips: According to different water condition and water consumption, there might be some differences

Image 5.1: Display showing recommended replacement intervals for PPC and RO filters.

6. TROUBLESHOOTING

If you experience issues after replacing your RO filter element, consider the following:

- **Low Water Flow:** Ensure the new filter element is fully seated and locked. Check for any kinks in the water lines.
- **Poor Water Quality (High TDS):** Verify the RO filter element is correctly installed. Ensure the system was properly flushed after installation. If issues persist, the RO membrane may be faulty or the system may require professional inspection.
- **Leaking:** Confirm the filter element is securely twisted into its housing. Check O-rings for proper seating and damage.

For comprehensive system troubleshooting, consult the main instruction manual for your Thereye 1000 GPD Undersink Tankless Water Filter System or contact customer support.

7. SPECIFICATIONS

Specification	Detail
Model	WP05
Material	Carbon Fiber (as part of filtration media)
Item Weight	3.99 pounds (1.81 Kilograms)
Product Benefits	Effectively reduces most contaminants, enhances taste, and conserves water
Unit Count	1.0 Count
Package Dimensions	16.62 x 6.25 x 6.06 inches
Raw Water Pressure	0.1-0.4MPa / 14.5-58psi
Working Pressure	0.4-0.8MPa / 58-116psi
Applicable Water Temperature	5-38°C / 41-100°F
Flow Rate	0.69gal/min / 2.6L/min
Water Source	Tap water

Note: DO NOT use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

8. WARRANTY AND SUPPORT

For warranty information regarding your Thereye RO Water Filter Element WP05 or the complete filtration system, please refer to the documentation provided with your original purchase or visit the official Thereye website. For technical assistance, troubleshooting beyond this manual, or to purchase replacement parts, please contact Thereye customer support.

Thereye Customer Support: Please refer to your product packaging or the official Thereye website for contact details.

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

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Email

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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