

Thereye ER-WP03

Thereye 700 GPD Tankless Reverse Osmosis Water Filter User Manual

Model: ER-WP03

1. INTRODUCTION

Thank you for choosing the Thereye 8-Stage 700 GPD Tankless Reverse Osmosis Water Filtration System. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new water filter. Please read this manual thoroughly before installation and keep it for future reference.

This advanced system is designed to provide clean, great-tasting water by effectively reducing various contaminants, including PFAS, TDS, and heavy metals, through its innovative 8-stage filtration process and 0.0001 micron RO membrane.

2. SAFETY INFORMATION

Important Safety Instructions:

- Always disconnect power before performing any maintenance or filter replacement.
- Ensure all connections are secure to prevent leaks.
- Do not operate the system if any parts are damaged.
- This system requires partial installation, including drilling and electrical connection. If you are not comfortable with these tasks, seek professional assistance.
- Keep the system away from direct sunlight and heat sources.
- Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

3. PRODUCT OVERVIEW

3.1 Components

The Thereye RO system typically includes the main filtration unit, a smart LED faucet, and necessary tubing and connectors for installation.



Figure 3.1: Main filtration unit and smart LED faucet.

3.2 Key Features

- **8-Stage Filtration:** Utilizes a PPC filter for visible contaminants and a 0.0001 micron RO membrane to effectively reduce TDS, PFAS, PFOS, heavy metals, and other impurities.
- **High Capacity 700 GPD:** Produces 700 gallons of filtered water per day, providing instant access to clean water. Fills an 8 oz cup in approximately 7 seconds.
- **Tankless Design:** Saves significant under-sink space and eliminates the risk of secondary contamination associated with stored water tanks.
- **Efficient Water Ratio:** Achieves a 2:1 pure water to drain water ratio, significantly conserving water compared to traditional RO systems.
- **Smart LED Faucet:** Features a built-in TDS monitor to display water quality and provides reminders for filter replacement. The faucet swivels 360 degrees for convenience.
- **Easy Filter Replacement:** Twist-and-pull design allows for filter changes in approximately 3 seconds without tools. Includes an auto-flush function to extend filter lifespan.

8 Stage Filtration



Figure 3.2: Detailed 8-stage filtration process.

The 8 stages include: PP cotton, 5 Micron Polypropylene Fabric, Coconut Shell Activated Carbon, Food Grade RO Antiscalant, 1 Micron Polypropylene Fabric, 0.0001 Micro RO Membrane, Post Carbon Filter, and another PP Cotton layer.

4. SETUP AND INSTALLATION

Installation of the Thereye RO system is designed to be straightforward, but requires basic plumbing and electrical knowledge. It is a partial installation that involves drilling a hole for the faucet and connecting to a power source.

4.1 Pre-Installation Checklist

- Verify all components are present as per the packing list.
- Ensure you have the necessary tools (drill, wrench, screwdriver, etc.).
- Confirm adequate space under your sink for the tankless unit (Product Dimensions: 7.02"L x 13"W x 15"H).
- Locate a suitable power outlet under the sink.

- Turn off the main water supply to your sink before beginning installation.

Benefit from Tankless Design

- 1 No Stored Water
- 2 Avoid 2nd contamination
- 3 Save space up to 70%



Figure 4.1: Tankless design saves under-sink space.

4.2 Installation Steps (Summary)

1. Drill a hole in your countertop for the new RO faucet.
2. Install the smart LED faucet and secure it.
3. Connect the water supply line to the main unit.
4. Connect the pure water line from the unit to the faucet.
5. Connect the drain line from the unit to the sink drain.
6. Plug the unit into a grounded electrical outlet.
7. Turn on the main water supply and check for leaks.
8. Flush the system as per operating instructions before first use.

5. OPERATING INSTRUCTIONS

5.1 First Use and Flushing

Before consuming water from the system for the first time, it is crucial to flush the system to remove any manufacturing residues and air from the filters.

1. After installation, turn on the water supply to the unit.
2. Open the RO faucet and let the water run for at least 15-30 minutes, or until the water runs clear and free of air bubbles.
3. Close the faucet. The system is now ready for use.

5.2 Daily Operation

To dispense purified water, simply open the smart LED faucet. The system will automatically activate and provide filtered water. The faucet's display will show the current TDS (Total Dissolved Solids) level of the filtered water.

Smart Display Faucet



Figure 5.1: Smart LED Faucet with TDS display and filter reminders.

The TDS indicator helps you monitor the effectiveness of the filtration. A lower TDS reading indicates purer water. The faucet also provides visual reminders when it's time to replace the filters.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Thereye RO system.

6.1 Filter Replacement

The system uses two main filter elements: the PPC filter and the RO filter. The smart LED faucet will indicate when replacement is needed.

Table 6.1: Recommended Filter Replacement Schedule

Filter Type	Estimated Lifespan
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Filter Type	Estimated Lifespan
PPC Filter	Approximately 12 months
RO Filter	Approximately 36 months

Note: Filter lifespan may vary based on local water quality and usage.

6.2 Replacing Filters

The twist-and-pull design makes filter replacement quick and tool-free.

1. Turn off the water supply to the RO system.
2. Twist the old filter cartridge counter-clockwise to unlock and pull it out.
3. Insert the new filter cartridge, aligning it correctly, and twist clockwise to lock it into place.
4. Turn on the water supply and flush the system briefly as per first-use instructions.
5. Reset the filter life indicator on the faucet (refer to faucet instructions for specific steps).

Lower Cost and Easier Replacement



Figure 6.1: Quick and easy filter replacement.

Replacement filters are available from authorized Thereye retailers.

6.3 Auto-Flush Function

The system features an auto-flush function that periodically flushes the RO membrane to reduce sediment accumulation and extend its lifespan. This process is automatic and requires no user intervention.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Thereye RO system.

Table 7.1: Troubleshooting Guide

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No water flow from faucet.	Water supply off, power disconnected, clogged filters.	Check water supply valve. Ensure unit is plugged in. Replace filters if due.
Low water flow.	Clogged filters, low incoming water pressure.	Replace filters. Check household water pressure.
High TDS reading on faucet.	RO membrane needs replacement, initial flushing incomplete.	Replace RO filter. Ensure system was properly flushed after installation/filter change.
Unusual noise from unit.	Air in system, pump operation.	Noise during initial operation or flushing is normal. If persistent and loud, check for loose connections or contact support.
Water leakage.	Loose connections, damaged tubing/O-rings.	Turn off water supply immediately. Check all connections and tubing. Tighten or replace as needed. The system has water leakage protection with error code E1.

If you encounter an issue not listed here or if the suggested solutions do not resolve the problem, please contact Thereye customer support.

8. SPECIFICATIONS

Table 8.1: Product Specifications

Feature	Detail
Model Number	ER-WP03
Filtration Stages	8-Stage (PPC, RO Membrane, etc.)
RO Membrane Precision	0.0001 micron
Daily Production Capacity	700 GPD (Gallons Per Day)
Pure to Drain Ratio	2:1
Product Dimensions (L x W x H)	7.02" x 13" x 15"
Installation Type	Under-sink, Partial installation (drilling & electrical required)
Faucet Features	Smart LED display, TDS monitor, Filter replacement reminder, 360° swivel

9. WARRANTY AND SUPPORT

Thereye products are manufactured to high-quality standards. For warranty information, technical support, or to purchase replacement parts and filters, please contact Thereye customer service. Keep your purchase receipt as proof of purchase for warranty claims.

For the most up-to-date support information, please visit the official Thereye website or refer to the contact details provided with your product packaging.

Thereye Official Store: [Visit Thereye Store on Amazon](#)

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.

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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

Answered questions about this manual

How do I disconnect the faucet from the Thereye ER-WP03 8-Stage 700 GPD Tankless Reverse Osmosis System?

To disconnect the faucet from your Thereye ER-WP03 system for a countertop replacement, follow these steps: Power Down: Unplug the main filtration unit from the electrical outlet. Shut Off Water: Turn off the main water supply...

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