

System Operating Modes

1. Work / Standby Mode

Work Mode: When the system is producing purified water, the Power Indicator flashes continuously, indicating normal operation.

Standby Mode: When the system is idle, the Power Indicator remains solid white.

2. Self-Maintenance (Automatic Rinsing Mode)

The system is equipped with an automatic rinsing function designed to maintain optimal membrane performance and water quality.

Initial Power-On Rinse

When the system is first connected to power, an automatic 18-second rinse cycle is initiated.

Manual Rinse

Press and hold the SELECT button for 3 seconds to activate a manual 18-second rinse cycle.

Standby Rinse

If the system remains in standby mode for more than 6 hours, an automatic rinse cycle will be performed.

Extended Operation Rinse

If the system operates continuously for more than 30 minutes, an automatic rinse cycle will activate to protect the filtration system and maintain performance.

Rinse Indicator Status

During any rinse cycle, the Power Indicator flashes rapidly.

3. Maintenance Protection Mode

To protect the system from prolonged continuous operation, the unit automatically enters Maintenance Protection Mode after 30 minutes of uninterrupted water production.

When this mode is activated:

All indicator lights turn red.

The smart faucet display shows "E1".

The alarm buzzer sounds 5 times every 30 minutes until the system is reset or restarted.



4. Service Mode (Filter Replacement Alerts)

The system continuously monitors filter usage and provides replacement reminders.

Filter Status Indicators

Flashing filter indicator: The filter is approaching the end of its service life.

Solid red filter indicator: Filter replacement is required immediately.

Estimated Filter Lifespan

PCT Filter:

Approximately 1 year or 3,000 L, whichever occurs first.

RO Membrane:

Approximately 2 years or 2,500 L, whichever occurs first.

Operation Instructions

Manual Rinsing Procedure

Ensure the system is in Work Mode.

Press and hold the "SELECT" button for 3 seconds.

The system will automatically begin an 18-second rinse cycle.

The rinse cycle will stop automatically upon completion.

Filter Replacement Reset Procedure

Press and hold the "RESET" button to enter Filter Replacement Mode.

Short press the "SELECT" (SW Ver.1 Grey Panel) / "RESET" (SW Ver.2 Blue Panel) button to cycle through the filter selections.

The selected filter indicator will flash.

Press and hold the "RESET" button for 3 seconds to reset the selected filter life counter.

If no operation is performed within 10 seconds, the system will automatically exit the mode.

Care & Maintenance

Filter replacement is recommended if any of the following conditions occur:

The water develops an unusual taste or odor.

Water flow becomes weak or inconsistent.

The system continues operating with little or no water output.

A filter indicator begins flashing or turns red.

⚠ WARNING — PRESSURE RELEASE REQUIRED BEFORE FILTER REPLACEMENT

Regular maintenance and timely filter replacement are essential for maintaining optimal water quality, filtration efficiency, and long-term system reliability.

For best performance:

- Replace filters according to the recommended service intervals.
- Perform filter reset procedures after each replacement.
- Flush the system after installing new filters.
- Ensure the system is operated within the recommended water pressure and environmental conditions.

Filter Replacement Procedure

Step 1 — Shut Off Water Supply

Turn the water supply tee valve switch to the OFF position.

Step 2 — Release System Pressure

Open the faucet and let the water run until it stops completely to release the internal pressure.

Step 3 — Disconnect Power

Unplug the system from the power outlet.

Step 4 — Remove the Front Cover

Lift and remove the magnetic front cover.

Step 5 — Remove the Used Filter

Rotate the filter counter-clockwise from 12 o'clock to 9 o'clock position, then pull it out.

Step 6 — Clean the Filter Area

Wipe away any remaining water inside the filter cavity using a dry clean towel.

Step 7 — Install the New Filter

Insert the new filter at the 9 o'clock position, then rotate clockwise to 12 o'clock until locked.

Step 8 — Reinstall the Front Cover

Place the magnetic front cover back onto the system.

Step 9 — Restore Water and Power

Reconnect the water supply and plug the system back in. The system will rinse automatically.



Filter Reset Procedure

1. Press and hold the **RESET** button for 3 seconds to enter Filter Reset Mode.
2. The Power Indicator and PCT Indicator will begin flashing simultaneously.
3. To reset the PCT filter life counter, press and hold the **RESET** button for 3 seconds.
4. To reset the RO membrane life counter, re-enter Filter Reset Mode.

Software Version Selection

- SW Version 1 (Grey Panel): Short press the **SELECT** button to switch to RO reset mode.
 - SW Version 2 (Blue Panel): Short press the **RESET** button to switch to RO reset mode.
5. Press and hold the **RESET** button for 3 seconds to complete the RO membrane reset.
 6. Open the faucet and flush the system for 1–2 minutes before consuming water.

SW Ver.1



SW Ver.2

