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## Suiysuim WP-RSA

# Suiysuim WP-RSA UV Countertop Reverse Osmosis Water Filter System

Instruction Manual

### Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Suiysuim WP-RSA UV Countertop Reverse Osmosis Water Filter System. This 6-stage filtration system is designed to provide clean, alkaline, and UV-purified drinking water directly from your countertop. Please read this manual thoroughly before using the product to ensure proper function and longevity.

### Important Safety Information

- Read all instructions before operating the appliance.
- Do not immerse the appliance, cord, or plug in water or other liquids.
- Ensure the power supply voltage matches the rating label on the appliance.
- Unplug the system from the power outlet before cleaning, maintenance, or when not in use for extended periods.
- Keep the appliance away from heat sources and direct sunlight.
- Do not operate the system with a damaged cord or plug.
- This appliance is for indoor use only.
- Do not allow children to operate the system without supervision.

### Package Contents

Verify that all items are present in the package:

- Suiysuim WP-RSA Main Unit
- PCC Composite Filter (Pre-Carbon & PP Cotton)
- RO Membrane Filter (Reverse Osmosis)

- Power Adapter
- User Manual
- Drip Tray

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## Product Overview

The Suiysuim WP-RSA system integrates multiple filtration stages, including Reverse Osmosis and UV sterilization, to deliver high-quality drinking water. Key components include the raw water tank, pure water tank, filter compartments, and an intuitive control panel.




**Figure 1:** Front view of the Suiysuim WP-RSA Countertop Water Filter System, showing the control panel, dispenser, and drip tray.




**Figure 2:** Dimensions of the Suiysuim WP-RSA system: 19.5 inches (length) x 7 inches (width) x 15.6 inches (height).

### Filtration Stages

1. **PCC Composite Filter:** Combines PP cotton for sediment removal and activated carbon for chlorine, taste, and odor reduction.
2. **RO Membrane Filter:** Reverse Osmosis membrane for removing dissolved solids, heavy metals, and other contaminants.
3. **Alkaline Remineralization:** Adds beneficial minerals to adjust pH and improve water taste.
4. **UV Sterilization:** Ultraviolet light for inactivating bacteria and viruses.

5. Additional stages for comprehensive purification.




**Figure 3:** Examples of the PCC Composite Filter (left) and RO Membrane Filter (right) used in the system.

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## Setup Instructions

1. **Unpack the System:** Carefully remove all components from the packaging. Retain packaging for future transport or storage.
2. **Placement:** Place the system on a stable, flat, and dry countertop surface, ensuring adequate ventilation around the unit. Avoid direct sunlight or heat sources.
3. **Install Filters:**
    a. Open the filter compartment cover.
    b. Insert the PCC Composite Filter and RO Membrane Filter into their designated slots. Ensure they are securely twisted into place according to the markings on the unit.
    c. Close the filter compartment cover.
4. **Fill Raw Water Tank:** Remove the raw water tank (typically located on the side or back) and fill it with tap water. Do not exceed the MAX fill line. Reinsert the tank securely.
5. **Connect Power:** Plug the power adapter into the system's power port, then plug the adapter into a standard electrical outlet. The system will power on and initiate a self-check.
6. **Initial Flush Cycle:** Before first use, perform an initial flush to clean the system and filters.
    a. Follow the on-screen prompts or refer to the operating section for initiating a flush cycle.
    b. Dispense and discard at least two full tanks of purified water to ensure filters are thoroughly rinsed and the system is clean.

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## Operating Instructions

### Control Panel and Display

The system features an LED display and touch controls for easy operation. The display typically shows:

- **TDS (Total Dissolved Solids) Readings:** Displays the TDS level of both raw and purified water.

- **Filter Life Indicators:** Shows the remaining lifespan of each filter.
- **Water Level Indicators:** Indicates the level of water in the raw and pure water tanks.
- **Dispensing Volume Options:** Pre-set volumes (e.g., 100ml, 250ml, 450ml, 600ml) for dispensing.

### Dispensing Water

1. Ensure the raw water tank is filled.
2. Place a cup or container on the drip tray beneath the dispenser nozzle.
3. Select the desired dispensing volume on the control panel.
4. Press the dispense button. The system will automatically dispense the selected volume of purified water.
5. To stop dispensing manually, press the dispense button again.

### Auto-Flush Feature

The system may include an automatic flush feature to maintain filter efficiency. Refer to the display or specific instructions for details on its operation and frequency.

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## Maintenance

### Filter Replacement

The system's display will indicate when filters need replacement. Filter lifespan varies based on water quality and usage. Typically, the PCC filter requires more frequent replacement than the RO filter.

1. **Power Off:** Unplug the system from the power outlet.
2. **Drain Water:** Empty both the raw water tank and the pure water tank.
3. **Access Filters:** Open the filter compartment cover.
4. **Remove Old Filters:** Twist the old filters counter-clockwise to unlock and remove them.
5. **Install New Filters:** Insert new filters into their respective slots and twist clockwise until securely locked.
6. **Reset Filter Life:** After installing new filters, plug in the system and follow the on-screen prompts or manual instructions to reset the filter life indicators.
7. **Flush New Filters:** Perform an initial flush cycle (as described in Setup) to prepare the new filters for use.

### Cleaning

- **Exterior:** Wipe the exterior of the system with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Raw Water Tank:** Regularly remove and clean the raw water tank with mild soap and water. Rinse thoroughly.
- **Pure Water Tank:** If the internal pure water tank is accessible, clean it periodically to prevent bacterial growth. Refer to specific instructions for removal and cleaning.
- **Drip Tray:** Empty and clean the drip tray regularly to prevent overflow and maintain hygiene.

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## Troubleshooting

| Problem | Possible Cause | Solution |
| --- | --- | --- |
| No water dispensed / System not turning on | • Power cord not connected.<br>• Raw water tank empty or not properly seated.<br>• System error. | • Check power connection.<br>• Refill raw water tank and ensure it's correctly installed.<br>• Unplug and replug the system. If error persists, contact support. |
| "E5" Error Message | • Indicates a system malfunction, possibly related to water flow or sensor. | • Unplug the unit for 5 minutes, then plug it back in.<br>• Ensure raw water tank is full and properly seated.<br>• If the error persists after troubleshooting, contact customer support. |
| Water leaks from the unit | • Improperly installed filters.<br>• Damaged O-rings or seals.<br>• Cracked tank. | • Immediately unplug the unit.<br>• Check that filters are securely twisted into place.<br>• Inspect tanks and seals for visible damage. Contact support if damage is found. |
| Water level gauge faulty / Inaccurate readings | • Sensor malfunction or obstruction. | • Ensure the raw water tank is clean and free of debris.<br>• Try unplugging and replugging the unit.<br>• If the issue persists, contact customer support. |
| Poor water taste or quality | • Filters need replacement.<br>• Initial flush not completed or insufficient.<br>• Contaminated raw water tank. | • Check filter life indicators and replace as needed.<br>• Perform additional flush cycles.<br>• Clean the raw water tank thoroughly. |

## SPECIFICATIONS

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| --- | --- |
| **Model Number** | WP-RSA |
| **Brand** | Suiysuim |

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|---|---|
| **Manufacturer** | QEY |
| **Dimensions (L x W x H)** | 19.5 x 7 x 15.6 inches |
| **Item Weight** | 20.3 pounds |
| **Installation Type** | Countertop |
| **Purification Method** | Reverse Osmosis, Ultraviolet, Alkaline Remineralization |
| **Filtration Stages** | 6-Stage (including PCC, RO, Alkaline, UV) |

## Warranty and Support

For warranty information, technical support, or replacement parts, please contact the retailer or manufacturer directly. Keep your purchase receipt as proof of purchase.
Manufacturer: QEY
For further assistance, please refer to the contact information provided at the point of purchase or on the product packaging.

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