SimPure T2-600A

SimPure T2-600A Reverse Osmosis Water Filter System User Manual

Model: T2-600A

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your SimPure T2-600A Reverse Osmosis Water Filter System. Please read this manual thoroughly before installation and use to ensure proper function and longevity of the system.

Important Safety Information

- Ensure all connections are secure to prevent leaks.
- Do not expose the system to freezing temperatures.
- Use only genuine SimPure replacement filters.
- Disconnect power and water supply before performing any maintenance.
- Keep the system away from direct sunlight and heat sources.

What's in the Box

The SimPure T2-600A system includes the following components:

- 1 x T2-600A Unit
- 1 x CF/Tank/RO/ALK filter set
- 1 x Faucet
- 1 x User Manual
- 1 x Sparing parts kit



Image: All components included with the SimPure T2-600A system.

Setup and Installation

The SimPure T2-600A system is designed for under-sink installation and typically requires no plumbing expertise for setup. Installation can often be completed within 30 minutes.

Pre-Installation Checklist

- **Space Requirements:** Ensure adequate under-sink space. The unit dimensions are approximately 15.5"L x 5.3"W x 16.3"H.
- **Water Supply:** The system connects to your under-sink cold water supply.
- **Faucet Compatibility:** The included faucet requires a standard sinkhole.
- **Power:** An electrical outlet under the sink is required for the pump.



Image: The SimPure T2-600A installed under a kitchen sink, highlighting its compact design and quick filter replacement feature.

Installation Steps Overview

For a detailed visual guide, please refer to the official installation video below. Key steps include:

1. Mounting the main unit under the sink.
2. Connecting the water supply line using the provided adapter valve.
3. Installing the dedicated faucet on your sink.
4. Connecting the filtered water line to the faucet.
5. Connecting the drain line to the sink's drain pipe using the drain saddle.
6. Inserting the filters into their respective slots.
7. Plugging in the power adapter.
8. Flushing the system as per the user manual instructions (typically for 20-30 minutes).

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Video: Official SimPure guide on how to install the T2-600 series water filter system. This video demonstrates the step-by-step process for setting up the unit under your sink.



Image: Close-up of the SimPure T2-600A unit, highlighting the built-in pressure tank filter for stable water flow and direct refrigerator connection capability.

Operating Instructions

Once installed and flushed, your SimPure T2-600A system is ready for use. The system provides purified, alkaline, and mineralized water on demand.

Water Dispensing

To dispense water, simply open the dedicated faucet. The built-in pressure tank ensures a consistent and fast flow rate of 0.42 GPM (gallons per minute).

Filtration Process

The T2-600A utilizes an 8-stage filtration process, including:

- PP Sediment Removal Layer
- Activated Carbon Block Layer

- Scale Inhibitor Membrane
- Reverse Osmosis Membrane
- Alkaline Mineral Layer
- UV Power (Ultraviolet sterilization)

This process removes up to 99.99% of contaminants, including heavy metals, chemicals (PFAS, PFOA, fluoride, nitrates), microplastics, chlorine, and TDS, while adding beneficial minerals and balancing pH for alkaline water.

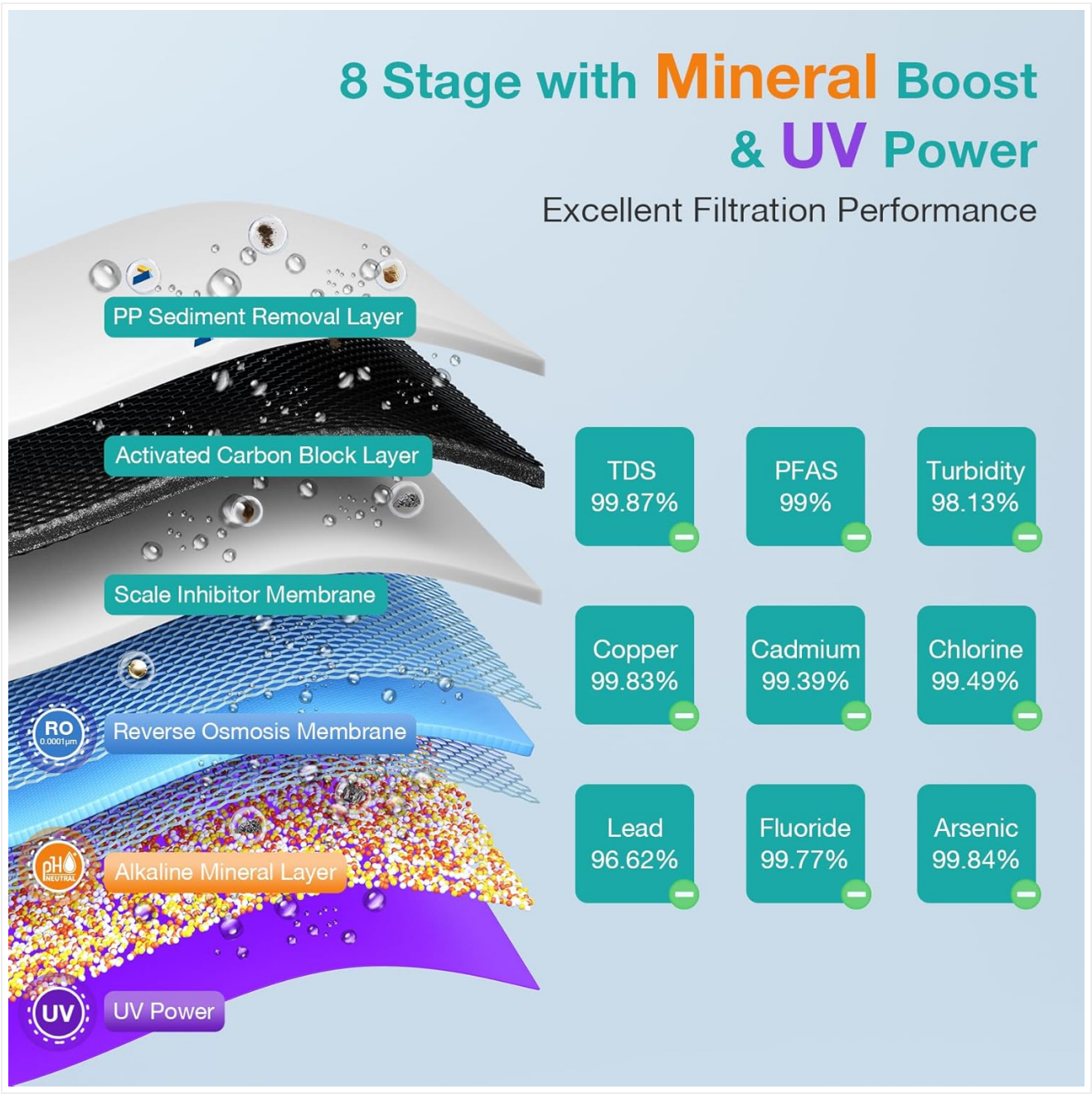


Image: A visual breakdown of the 8-stage filtration process, including sediment, carbon, RO, alkaline mineral, and UV layers, with contaminant removal percentages.



Image: Benefits of drinking alkaline water, including pH balance, enhanced hydration, and smoother taste.

Maintenance and Filter Replacement

Regular maintenance, primarily filter replacement, is crucial for optimal performance and water quality.

Filter Lifespan and Replacement

The system features tool-free filter replacement. Filters can be swapped in seconds with a simple twist. Refer to the specific filter type for recommended replacement intervals:

- **Composite Filter (CF):** Typically replaced every 6-12 months.
- **Reverse Osmosis (RO) Membrane:** Typically replaced every 24-36 months.
- **Alkaline (ALK) Filter:** Typically replaced every 6-12 months.
- **Tank Filter:** Typically replaced every 12-24 months.

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



Image: Illustration demonstrating how one RO filter can replace thousands of plastic bottles, emphasizing environmental benefits and waste reduction.

Troubleshooting

If you encounter issues with your SimPure T2-600A system, please refer to the following common problems and solutions:

- **Low Water Flow:** Check for kinks in water lines, ensure the water supply valve is fully open, and verify filter status. Clogged filters can reduce flow.
- **Leaks:** Inspect all connections for tightness. Ensure O-rings are properly seated during filter installation.
- **Unusual Taste/Odor:** This may indicate filters need replacement or the system requires flushing. Ensure initial flushing was completed thoroughly.
- **No Water Production:** Check power supply to the unit. Ensure the water supply is on. The system may take time to fill the internal tank after initial setup or filter replacement.

For persistent issues, contact SimPure customer support.

Specifications

Feature	Detail
Brand	SimPure
Model Name	T2-600A
Product Dimensions (L x W x H)	15.5" x 5.3" x 16.3"
Capacity	600 Gallons Per Day (GPD)
Filtration Stages	8 Stage (Multi Stage Filtration, UV, Remineralization, Alkaline pH Balancing)
Pure to Drain Ratio	2:1
Special Features	Built-in Pressure Tank, UV Sterilization, Alkaline Remineralization
Certifications	NSF/ANSI 58 Certified
Included Components	T2-600A Unit, CF/Tank/RO/ALK filter, Faucet, User Manual, Sparing parts

Warranty and Support

For warranty information, please refer to the documentation included with your product or visit the official SimPure website. For technical support, replacement parts, or any inquiries, please contact SimPure customer service.
SimPure Customer Service:

- **Website:** www.simpurelife.com
- **Email:** service@simpurelife.com
- **Phone:** 1-866-528-4572