Stokk T1 Lite-L

Stokk T1 Lite UV Reverse Osmosis Water Filter Countertop

Model: T1 Lite-L

Brand: Stokk

1. Introduction

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Stokk T1 Lite UV Reverse Osmosis Water Filter Countertop system. Please read this manual thoroughly before using the product and retain it for future reference.

The Stokk T1 Lite is a compact, countertop reverse osmosis water filtration system designed to provide purified water. It features a 6-stage filtration process, including UV-C sterilization and an alkaline boost carafe, to reduce a wide range of contaminants and enhance water quality.

2. Safety Information

- **Electrical Safety:** Ensure the power cord is properly connected to a grounded outlet. Do not operate the unit with a damaged power cord or plug. Keep the unit away from water sources to prevent electric shock.
- **Water Quality:** Use only potable tap water with the system. Do not use water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.
- **Placement:** Place the unit on a stable, flat surface. Avoid direct sunlight or heat sources. Ensure adequate ventilation around the unit.
- **Children and Pets:** Keep the unit out of reach of children and pets.
- **Maintenance:** Always unplug the unit before performing any maintenance, cleaning, or filter replacement.

3. Package Contents

Verify that all items are present in the packaging:

- Stokk T1 Lite UV Reverse Osmosis Water Filter Unit
- Alkaline Boost Carafe
- Pre-Carbon (PPC) Filter
- Reverse Osmosis (RO) Filter
- Post-Carbon (C) Filter
- Power Adapter
- User Manual (this document)

4. Product Features

- **6-Stage Filtration with UV-C:** The system employs a comprehensive 6-stage filtration process, including a 0.0001µm RO membrane and a built-in UV-C light, to remove over 1,000 contaminants, including TDS, PFAS, heavy metals, fluoride, and chlorine. The UV-C light prevents secondary contamination.
- **Alkaline Boost Carafe:** The included carafe features an alkaline mineral filter that enriches the purified water with essential minerals such as Calcium (Ca), Sodium (Na), Magnesium (Mg), Potassium (K), and Silicon (Si), helping to restore pH balance.
- **No Installation Required:** The countertop design allows for immediate use by simply plugging it in.
- **Compact Design:** With dimensions of 15.83"L x 7.24"W x 12.52"H, the unit is suitable for various spaces including kitchens, offices, RVs, and apartments.
- **High Efficiency:** Achieves a 4:1 pure to drain ratio, minimizing water waste, and delivers water at a rate of 456 GPD (Gallons Per Day).
- **Smart LED Touchscreen:** Provides real-time monitoring of inlet and outlet TDS levels, filter life indicators, and one-touch dispensing options.
- **Automatic Flushing:** The system features a smart auto-flush function to maintain filter performance and water quality.



Figure 1: Stokk T1 Lite Overview with Key Features



Figure 2: Detailed 6-Stage Filtration Process



Figure 3: Alkaline Mineral Carafe Functionality

5. Setup

1. **Unpack the Unit:** Carefully remove all components from the packaging. Retain packaging for potential future transport or returns.
2. **Place the Unit:** Position the Stokk T1 Lite on a clean, dry, and stable countertop. Ensure there is sufficient space around the unit for ventilation and access.
3. **Install Filters:** Open the filter compartment. Insert the PPC, RO, and C filters into their designated slots. Ensure they are securely twisted into place according to the markings.
4. **Fill the Water Tank:** Remove the raw water tank from the back of the unit. Fill it with potable tap water up to the MAX line. Reinsert the tank securely.
5. **Connect Power:** Plug the power adapter into the unit and then into a standard electrical outlet. The unit will power on and initiate a self-check.
6. **Initial Flush:** Before first use, perform an initial flush cycle. Refer to the 'Operation' section for instructions on using the flush function. This helps to rinse the new filters.



Figure 4: Compact Size and Placement Options

6. Operation

The Stokk T1 Lite features an intuitive LED touchscreen for control.

1. **Power On:** Once plugged in, the unit will automatically power on.
2. **TDS Display:** The screen displays real-time TDS (Total Dissolved Solids) readings for both inlet (IN) and outlet (OUT) water. A lower OUT TDS indicates effective filtration.
3. **Water Dispensing:**
    - Place the alkaline boost carafe or a glass under the dispenser.
    - Select the desired water volume (e.g., 'Full' or 'Half' cup options, or press the water drop icon for continuous dispense).
    - The unit will begin dispensing purified water.
4. **Flush Function:** Press the 'Flush' button to initiate an automatic flushing cycle. This helps to clean the RO membrane and extend filter life. It is recommended to perform a flush periodically or as indicated by the system.
5. **Filter Life Indicator:** The display shows the remaining life of each filter (PPC, RO, C). Replace filters when indicated.
6. **Water Tank Refill:** When the raw water tank is low, the unit will indicate a need for refill. Remove, fill, and reinsert the tank.



Figure 5: Smart LED Touchscreen Interface

7. Maintenance

7.1 Filter Replacement

The filter life indicators on the touchscreen will alert you when a filter needs replacement. Always use genuine Stokk replacement filters.

1. **Unplug the Unit:** Disconnect the power cord before replacing filters.
2. **Access Filters:** Open the filter compartment cover.
3. **Remove Old Filters:** Twist the old filter counter-clockwise to unlock and pull it out. Dispose of used filters responsibly.
4. **Install New Filters:** Insert the new filter into the correct slot and twist clockwise until it locks into place. Ensure a tight seal.
5. **Reset Filter Life:** After replacing a filter, press and hold the 'Reset' button on the touchscreen for the corresponding filter until the indicator resets.
6. **Perform Initial Flush:** After replacing filters, plug the unit back in and perform a flush cycle to prepare the new filters for use.



Figure 6: Stokk Replacement Filters (PPC, RO, C)

7.2 Cleaning

- **Exterior:** Wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Water Tank:** Periodically clean the raw water tank with mild soap and water. Rinse thoroughly to remove all soap residue.
- **Drip Tray:** Empty and clean the drip tray regularly to prevent water overflow and bacterial growth.
- **Alkaline Carafe:** Wash the carafe and its mineral filter compartment with mild soap and water.

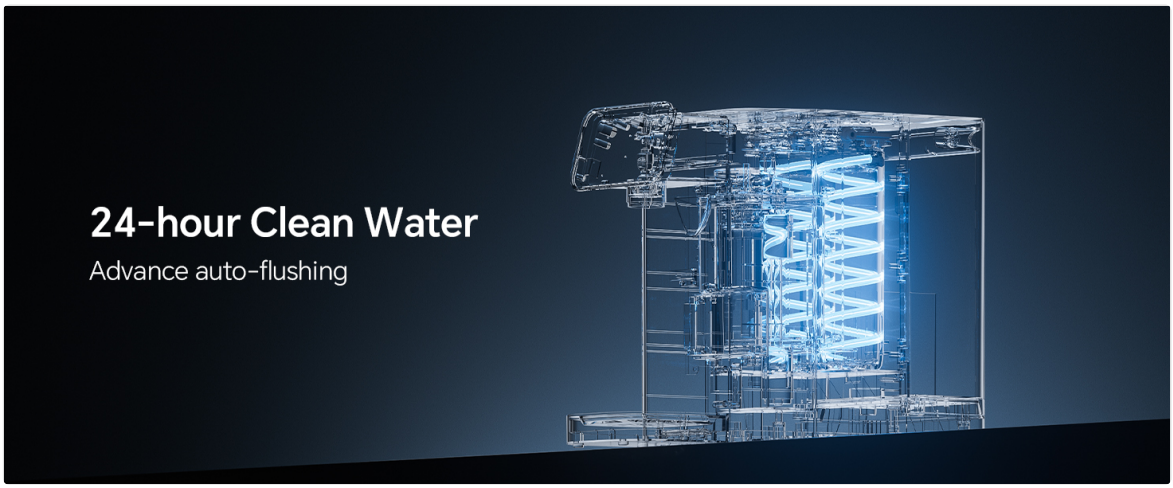


Figure 7: Advanced Auto-Flushing System

8. Troubleshooting

Problem	Possible Cause	Solution
Unit does not power on	Power cord not connected; No power from outlet	Check power cord connection; Test outlet with another device