

FRIZZLIFE PD800-TAM4

FRIZZLIFE RO Reverse Osmosis Water Filtration System

Model: PD800-TAM4

INTRODUCTION

The FRIZZLIFE PD800-TAM4 is an advanced tankless Reverse Osmosis (RO) water filtration system designed for under-sink installation. It provides 800 GPD (Gallons Per Day) fast-flowing, alkaline, and remineralized purified water. This manual provides essential information for the proper installation, operation, and maintenance of your system to ensure optimal performance and longevity.



Figure 1: FRIZZLIFE PD800-TAM4 RO Water Filtration System with included extra filters.

PRODUCT FEATURES

- **Alkaline & Remineralized RO Water:** This system utilizes a 7-layer filtration process with 0.0001 micron precision, effectively removing over 1000 contaminants including Chlorine, Fluoride, Lead, heavy metals, Arsenic, Chloramine, TDS, limescale, and VOCs. The TAM4 post-filter then balances the alkalinity of the RO water, adjusting pH to over 7.5, and restores essential minerals for healthier drinking water.
- **2:1 Super Low Drain Ratio:** Featuring innovative water-saving technology, the system produces 2 cups of ultra-pure RO water for every 1 cup of wastewater drained. This significantly reduces water waste compared to many other RO filters on the market, saving at least 8 times more water.
- **800 GPD Fast Water Flow:** Capable of producing 800 gallons of RO water per day, the system delivers a fast and stable flow rate of up to 0.56 gallons per minute. This allows for quick filling, such as an 8oz cup in approximately 7 seconds, meeting the daily water needs of large families and small businesses.
- **Real-Time TDS Reading & Filter Life Monitoring:** A high-end smart panel provides real-time TDS (Total Dissolved Solids) readings and displays the remaining filter life for each cartridge. The built-in TDS sensor continuously monitors filtered water quality, and color-coded indicators provide timely reminders for filter

replacement.

- **Tankless Design for Purity & Space Saving:** The tankless design eliminates the risk of secondary contamination often associated with traditional pressure tanks. A built-in pump ensures fresh, on-demand RO water from the dedicated faucet. This compact design also saves at least 70% of under-sink space and features an integrated waterway for fewer connection points and easier installation.



<30 mins Installation



2 secs Replacement



Cartridge replacement

Figure 2: Smart panel displaying real-time TDS and filter status.

WHAT'S IN THE BOX

Your FRIZZLIFE PD800-TAM4 system package includes the following components:

- Main Filter Unit
- Dedicated Faucet
- Screws for installation
- Inlet Hose
- Outlet Hose

- Pre-installed Filters (CP, RO, TAM4)
- Additional Replacement Filters (as per package details)



Figure 3: Main components of the Frizzlife PD800-TAM4 system.

SETUP (INSTALLATION)

The FRIZZLIFE PD800-TAM4 system is designed for DIY-friendly installation, typically taking less than 30 minutes. Follow these general steps for installation. For detailed visual instructions, please refer to the official installation video provided by FRIZZLIFE.

1. **Prepare the Installation Area:** Ensure sufficient space under your sink for the main unit and the external filter.
2. **Install the Faucet:** Drill a hole (if necessary) in your countertop or sink for the dedicated faucet and secure it.
3. **Connect Water Supply:** Connect the inlet hose from your cold water supply to the main unit.
4. **Connect Drain Line:** Install the drain saddle valve on your sink's drain pipe and connect the wastewater line from the RO unit.
5. **Connect Faucet Line:** Connect the purified water line from the RO unit to the dedicated faucet.

6. **Power On:** Plug in the power adapter for the RO unit.
7. **Flush the System:** Before first use, flush the system as per operating instructions to remove air and carbon fines.



Figure 4: Installation is designed to be quick and straightforward.

OPERATING INSTRUCTIONS

Using your FRIZZLIFE PD800-TAM4 system is simple:

- **Dispensing Water:** Turn on the dedicated faucet to dispense purified water. The system will automatically activate and begin filtration.
- **TDS Monitoring:** The smart panel continuously displays the output TDS (Total Dissolved Solids) in PPM (Parts Per Million). A lower TDS reading indicates higher water purity.
- **Flushing Function:** The system includes a 'Flush' button on the smart panel. Pressing this button initiates a flushing cycle to clean the RO membrane, which helps maintain its efficiency and prolong its lifespan. Refer to the full manual for recommended flushing frequency.

24/7 **VISIBLE QUALITY**



Figure 5: High flow rate and compact design for efficient operation.

MAINTENANCE

Regular maintenance ensures the continued high performance of your FRIZZLIFE PD800-TAM4 system. The smart panel's color-coded indicators will alert you when a filter needs replacement.

Filter Replacement

Filter replacement is designed to be quick and easy, requiring only a single twist. It typically takes about 2 seconds per filter.

- **CP Filter (Model: ASR211):** Service life is approximately 900 gallons or around 12 months.
- **RO Filter (Model: ASR212-800G):** Service life is approximately 1800 gallons or around 24 months.
- **Alkaline Post Filter (Model: FZ-4):** Service life is approximately 900 gallons or around 12 months.

Note: Actual filter life may vary based on local water quality and usage.



Figure 6: Details on filter models and their estimated service life.

TROUBLESHOOTING

If you encounter any issues with your FRIZZLIFE PD800-TAM4 system, please refer to the following common troubleshooting tips:

- **Low Water Flow:** Check if the water supply valve is fully open. Ensure filters are not clogged and replace them if the filter life indicator is red.
- **High TDS Reading:** This indicates the RO membrane may need flushing or replacement. Check the RO filter life indicator.
- **Leaks:** Inspect all connections for proper sealing. Ensure O-rings are correctly seated during filter installation.
- **No Water Dispensing:** Verify the power connection and ensure the system is turned on. Check for kinks in the water lines.

For more complex issues or if the problem persists, please contact FRIZZLIFE customer support.

SPECIFICATIONS

Specification	Detail
Model Name	PD800-TAM4
Purification Method	Alkaline, Reverse Osmosis
Maximum Flow Rate	0.56 Gallons Per Minute (GPM)
Daily Production Capacity	800 Gallons Per Day (GPD)
Drain Ratio	2:1 (Pure Water : Wastewater)
Installation Type	Under Sink
Special Features	Chlorine Reduction, TDS Reduction, Tankless Design
Power Source	Manual (Water Pressure) - <i>Note: Refers to water flow, unit requires electrical power for pump/display.</i>
Shelf Life (Filters)	2 Years (unopened)
Manufacturer	FRIZZLIFE



0.56 Gallon
per min @77°F



Space Saving



No Secondary
Pollution

Figure 7: Visual representation of the 2:1 drain ratio, highlighting water savings.

SUPER LOW DRAIN RATIO

Other RO Systems 1 : 4

x8

8X Water Saving



Pays itself
in water saving

2:1



Figure 8: Illustration of the 9-stage deep filtration process and the wide range of contaminants removed.

WARRANTY AND SUPPORT

The FRIZZLIFE PD800-TAM4 system comes with a commitment to quality. The product title mentions "Two Year Replacement Filters," indicating support for filter longevity.

For specific warranty details, technical assistance, or to purchase replacement filters, please visit the official FRIZZLIFE website or contact their customer support directly.

Official Website: www.frizzlife.com

FRIZZLIFE Store on Amazon: [Visit the FRIZZLIFE Store](#)



OWNER'S MANUAL

Model: PD800-TAM4

[Frizzlife PD800-TAM4 Undersink Reverse Osmosis System Owner's Manual](#)

Comprehensive owner's manual for the Frizzlife PD800-TAM4 undersink reverse osmosis system, covering installation, operation, maintenance, troubleshooting, and warranty information.

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