



Manuals.plus /

› FRIZZLIFE /

› Frizzlife PD1000-TAM4 RO Reverse Osmosis Water Filtration System User Manual

## FRIZZLIFE PD1000-TAM4

# Frizzlife PD1000-TAM4 RO Reverse Osmosis Water Filtration System User Manual

Model: PD1000-TAM4 | Brand: FRIZZLIFE

## 1. PRODUCT OVERVIEW

The Frizzlife PD1000-TAM4 RO Reverse Osmosis Water Filtration System is designed to provide clean, alkaline, and remineralized drinking water. This advanced system combines a powerful 1000 GPD RO unit with an alkaline mineral post-filter, a mini water tank (MWT3), and an ice maker installation kit (IMC-1) for comprehensive water purification solutions in your home or office.

### Key Features:

- **Alkaline & Remineralized RO Water:** Utilizes a 7-layer filtration process with 0.0001 micron precision to remove over 1000 contaminants, including Chlorine, Fluoride, Lead, heavy metals, Arsenic, Chloramine, TDS, limescale, and VOCs. The TAM4 post-filter rebalances pH to over 7.5 and restores essential minerals.
- **1000 GPD High Capacity:** Produces up to 1000 gallons of RO water per day with a flow rate of up to 0.7 gallons per minute, ensuring quick access to fresh water for large families or small companies.
- **2:1 Super Low Drain Ratio:** Innovative water-saving technology results in only 1 cup of waste water for every 2 cups of pure RO water produced, significantly reducing water waste compared to traditional RO systems.
- **Real-Time TDS Reading & Filter Life Monitoring:** Features a smart panel displaying real-time Total Dissolved Solids (TDS) levels and remaining filter life for each cartridge. This ensures optimal water quality and timely filter replacement.
- **Tankless Design, No Secondary Pollution:** Compact, tankless design prevents secondary contamination and saves up to 70% of under-sink space. The built-in pump ensures fresh, on-demand RO water.

## 2. WHAT'S IN THE BOX

Your Frizzlife PD1000-TAM4 system includes the following components:

- RO System Unit (PD1000)
- Dedicated Faucet
- MWT3 Mini Water Tank
- IMC-1 Ice Maker Installation Kit



Figure 2.1: All components included in the Frizzlife PD1000-TAM4 package, showing the main RO unit, faucet, mini water tank, and ice maker installation kit.



Figure 2.2: The MWT3 Mini Water Tank, a compact pressurized storage tank designed for tankless reverse osmosis systems.



Figure 2.3: The IMC-1 Ice Maker Installation Kit, including tubing and connectors for integrating the RO system with an ice maker or refrigerator.

### 3. SETUP INSTRUCTIONS

The Frizzlife PD1000-TAM4 system is designed for DIY-friendly installation. Follow these general steps for setting up your system. For detailed visual guidance, refer to the official installation video provided by Frizzlife (check product page for availability).

#### General Installation Steps:

1. **Prepare the Installation Area:** Ensure sufficient under-sink space for the tankless RO unit and the filter.
2. **Install the Faucet:** Drill a hole (if necessary) and mount the dedicated RO faucet on your countertop.
3. **Connect to Cold Water Line:** Use the provided feed water adapter to connect the system to your cold water supply.
4. **Install Drain Saddle:** Attach the drain saddle to the drain pipe under your sink for wastewater discharge.

5. **Connect Tubing:** Connect the appropriate tubing from the RO unit to the faucet, feed water adapter, and drain saddle.
6. **Install Filters:** Insert the filter cartridges into their designated slots. The tankless design simplifies this process.
7. **Connect Mini Water Tank (MWT3):** Connect the MWT3 mini water tank to the system as per the diagram.
8. **Connect Ice Maker Kit (IMC-1):** If connecting to an ice maker or refrigerator, use the IMC-1 kit to extend the purified water line.
9. **Power On:** Plug in the RO system unit.
10. **Flush the System:** Follow the initial flushing procedure outlined in the detailed manual to prepare the system for use.



Figure 3.1: An overview of the Frizzlife PD1000-TAM4 system installation, showing connections to the RO faucet, kitchen faucet, feed water adapter, drain saddle, and optional ice maker kit.

## 4. OPERATING INSTRUCTIONS

Operating your Frizzlife PD1000-TAM4 system is straightforward. The system is designed for on-demand water production without a large storage tank.


### Getting Purified Water:

- Simply open the dedicated RO faucet to dispense purified water. The system will automatically activate to produce water.
- The high flow rate (up to 0.7 GPM) ensures quick filling of glasses or containers.

### Understanding the Smart Panel:

The smart panel on the front of the RO unit provides real-time information:

- **TDS Reading:** Displays the Total Dissolved Solids (TDS) level of the filtered water, allowing you to monitor water quality. A lower TDS indicates purer water.
- **Filter Life Indicators:** Color-coded bars or lights indicate the remaining life of each filter cartridge (CP, RO, TAM4). This helps you know when a filter replacement is due.



PD800+TAM4	Model	PD1000+TAM4
0.56GPM@77 F	<b>Flow Rate</b>	0.70GPM@77°F
2 Built-in-filters +1 Post filter	<b>Filter Stage</b>	2 Built-in-filters +1 Post filter
7 Layers	<b>Filtration Layers</b>	7 Layers
✓	<b>TDS Display</b>	✓
✓	<b>Alkaline&amp; Remineralized</b>	✓
5.3"x 14.7"x 15.5" +4.9"x 6.1"x 15"	<b>Size</b>	5.3"x 17.4"x 15.5" +4.9"x 6.1"x 15"

Figure 4.1: The smart panel of the Frizzlife PD1000 unit, showing real-time TDS readings and color-coded indicators for filter life (CP, RO, TAM4).

## 5. MAINTENANCE

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

### Filter Replacement:

- The smart panel's filter life indicators will alert you when a cartridge needs replacement.
- Replacement is designed to be simple, requiring only a single twist to remove and install new cartridges.
- Refer to the specific filter replacement instructions provided with your replacement cartridges or the full product manual for detailed steps.

It is recommended to use genuine Frizzlife replacement filters to ensure continued performance and warranty validity.

---

## 6. TROUBLESHOOTING

If you encounter any issues with your Frizzlife PD1000-TAM4 system, consider the following common troubleshooting tips:

- **Low Water Flow:** Check if any filters are nearing the end of their life as indicated by the smart panel. Ensure the water supply valve to the system is fully open.
- **Unusual Taste/Odor:** This often indicates that filters need replacement, especially the carbon block filters. Ensure the system was properly flushed after installation or filter replacement.
- **High TDS Reading:** If the TDS reading remains high after initial flushing, the RO membrane might need replacement, or there could be an issue with the system's seals.
- **Leaking:** Check all connections and ensure they are securely tightened. Verify that O-rings are properly seated during filter installation.

For persistent issues or problems not listed here, please contact Frizzlife customer support for assistance.

---

## 7. SPECIFICATIONS

Feature	Detail
Brand	FRIZZLIFE
Model Name	PD1000-TAM4
Purification Method	Reverse Osmosis, Alkaline
Special Feature	Chlorine, Tankless, Reduce TDS
Installation Type	Under Sink
Maximum Flow Rate	0.7 Gallons Per Minute
Package Information	RO System, Faucet, Mini Water Tank, Ice Maker Installation Kit
Power Source	Manual (refers to faucet operation, system requires electrical power for pump)



Figure 7.1: Dimensions of the Frizzlife PD1000 RO system unit and the external filter, illustrating its compact size for under-sink installation.



Figure 7.2: Diagram illustrating the 9-stage deep filtration process of the Frizzlife PD1000-TAM4, including pleated sediment, ACF, PP, RO membrane, and alkaline remineralization stages.

## 8. WARRANTY AND SUPPORT

For information regarding product warranty, technical support, or to purchase genuine replacement parts, please refer to the warranty card included with your product or visit the official FRIZZLIFE website. You can also contact FRIZZLIFE customer service directly for assistance with any product-related inquiries.

**Contact Information:** Please refer to the contact details provided in your product packaging or on the official FRIZZLIFE website.