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Waterdrop WD-N1-W

Waterdrop N1 Countertop Reverse Osmosis System User Manual

Model: WD-N1-W

Brand: Waterdrop

Introduction

The Waterdrop N1 Countertop Reverse Osmosis System provides a convenient and efficient solution for accessing pure, filtered water. This installation-free system utilizes a 4-stage filtration process to significantly reduce harmful substances, including PFAS, improving water taste and quality. Its compact design and smart features make it suitable for various environments, from kitchens to offices, offering clean water with minimal effort.



Image: The Waterdrop N1 Countertop Reverse Osmosis System, a sleek black and white unit dispensing water into a glass.

Setup and Installation

The Waterdrop N1 system is designed for plug-and-use convenience, requiring no complex installation or drilling. Simply place it on a flat surface, fill the water tank, and plug it into a standard electrical outlet.

Initial Setup Steps:

1. **Unpack the System:** Carefully remove all components from the packaging.

2. **Place the Drip Tray:** Install the drip tray at the base of the dispenser.
3. **Remove and Fill the Feed Water Tank:** Lift the tank cover, remove the feed water tank using its handle, fill it with municipal tap water, and place it back into the machine.
4. **Install Filters:** Open the system top cover and screw the CF (Composite Filter) and MRO (Reverse Osmosis Membrane) filters into their respective positions. Ensure they are rotated 90° clockwise until secure.
5. **Connect Power:** Plug the system into a grounded electrical outlet.
6. **Automatic Flushing:** Upon first power-on, the system will automatically begin a flushing process for approximately 15 minutes. The screen will display a dynamic clockwise cycle. All buttons on the control panel will be unavailable during this time.
7. **Discard Concentrated Water:** After the flushing process, the screen will display 'L1'. Discard the concentrated water from the feed water tank and refill it with fresh tap water.
8. **Dispense Water:** The system is now ready for use.



Image: The Waterdrop N1 system with dimensions (17.1"L x 7"W x 15.6"H) and key features like no installation, LED smart display, and RO filtration.



Image: A close-up of the Waterdrop N1 system showing the power cord plugged into an outlet, emphasizing its plug-and-play nature.

Setup Video Guides:

▶ **Watch video online**
How to install N1 Countertop Reverse Osmosis System

Video: Official Waterdrop guide on how to install the N1 Countertop Reverse Osmosis System, demonstrating the step-by-step process.

▶ **Watch video online**
How to setup the Waterdrop Countertop Reverse Osmosis System

Video: Official Waterdrop guide on how to set up the Waterdrop Countertop Reverse Osmosis System, covering initial assembly and preparation.

Operating Instructions

The Waterdrop N1 features an intuitive smart touch display screen for easy operation and monitoring of water quality.

Dispensing Water:

1. Place a cup or container below the spout.
2. Press the 'Volume' button to select your desired water volume (4 oz, 8 oz, 16 oz, or Manual for continuous dispense).
3. Press the 'Start/Off' button to begin dispensing water. Press again to stop.

The smart screen displays the Total Dissolved Solids (TDS) level of the filtered water, allowing you to monitor water quality at a glance. Blue indicators signify normal operation, while red indicators may signal an issue or filter replacement need.



Image: A close-up of the Waterdrop N1's smart touch display screen, showing TDS levels and various function buttons.

Water Tank Capacity:

The system features a large 135 oz (approximately 4-liter) feed water tank, reducing the frequency of refills. The tank has clear markings for maximum fill level.



Image: The Waterdrop N1 system highlighting its 135 oz high-capacity water tank with visible fill levels.

Placement Flexibility:

Its compact and portable design allows the Waterdrop N1 to be placed conveniently in various locations, including kitchens, living rooms, offices, or even RVs, as long as a power outlet is available.

▶ **Watch video online**
Portable for convenience, fit wherever you want. WD-N1-W

Video: Official Waterdrop video showcasing the portability of the WD-N1-W system and its suitability for various locations like kitchens, offices, and RVs.

Maintenance and Filter Replacement

Regular maintenance, particularly filter replacement, is crucial for optimal performance and water quality. The system's smart screen provides filter life indicators.

Filter Lifespan:

- **CF (Composite Filter):** Approximately 6 months.
- **MRO (Reverse Osmosis Membrane Filter):** Approximately 18 months.



Image: A diagram illustrating the easy twist-and-pull method for replacing the filters in the Waterdrop N1 system.

Replacing Filters:

1. Open the system top cover.
2. Rotate the expired filter 90° counter-clockwise and remove it.
3. Insert the new filter into the machine, rotate 90° clockwise to secure it.
4. Close the system top cover.
5. **Reset Filter Life:** Press and hold the corresponding filter life reset button (CF or MRO) for 5 seconds until the system beeps and the indicator light turns blue and goes out.



Image: The Waterdrop N1 display showing filter life indicators for CF and MRO filters, with recommended replacement times.

Troubleshooting

If you encounter issues with your Waterdrop N1 system, refer to the following common problems and solutions:

- **'L1' Displayed:** This indicates that the TDS (Total Dissolved Solids) in the water is too high. Please pour out the remaining water in the feed water tank and add new tap water.
- **No Water Dispensing:** Check if the power cord is securely plugged in, if the water tank is properly seated, and if there is enough water in the tank. Ensure the filters are correctly installed.
- **Slow Water Flow:** This could indicate clogged filters. Check the filter life indicators on the display and replace filters if necessary.

- **Unusual Noises:** Some noise during operation is normal, especially during flushing or when the pump is active. If noises are excessively loud or unusual, ensure the system is on a stable, flat surface and that all components are correctly assembled.

For more detailed troubleshooting steps and error codes, please refer to the complete user manual PDF available online.

Product Specifications

Feature	Specification
Brand	Waterdrop
Model Name	WD-N1-W
Product Dimensions	17.1"L x 7"W x 15.6"H
Item Weight	19 Pounds
Installation Type	Countertop
Special Feature	Reduce TDS
Wattage	48 watts
Lower Temperature Rating	41 Degrees Fahrenheit
Upper Temperature Rating	100 Degrees Fahrenheit
UPC	840814177938, 840814177945

Warranty Information

The Waterdrop N1 Countertop Reverse Osmosis System comes with a 1-Year Manufacturer and Seller Combination Warranty. Please retain your proof of purchase for warranty claims.

Support and Contact

For comprehensive information, detailed troubleshooting, or further assistance, please refer to the official User Manual PDF:

Download User Manual (PDF)

You may also contact WaterdropDirect for product support and inquiries.

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