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> [Waterdrop WD-A1 Countertop Reverse Osmosis Hot and Cold Water Dispenser User Manual](#)

## Waterdrop WD-A1

# Waterdrop WD-A1 Countertop Reverse Osmosis Hot and Cold Water Dispenser

Model: WD-A1 | Brand: Waterdrop

## 1. INTRODUCTION

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This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your Waterdrop WD-A1 Countertop Reverse Osmosis Hot and Cold Water Dispenser. Please read this manual thoroughly before using the appliance and keep it for future reference.



A sleek, dark grey Waterdrop WD-A1 countertop reverse osmosis system with a digital display and water dispenser spout.

## 2. PRODUCT OVERVIEW & FEATURES

The Waterdrop WD-A1 is an advanced countertop reverse osmosis system designed to provide instant access to purified hot and cold water. It combines a sophisticated 7-stage filtration process with user-friendly features for a convenient and healthy hydration experience.

### Key Features:

- **All-in-One Dispenser:** Provides both hot and cold purified water.
- **7-Stage Filtration:** Advanced reverse osmosis system effectively reduces TDS, PFAS, chlorine, heavy metals, and other contaminants.
- **Flexible Temperature Options:** Six preset temperatures ranging from 5°C to 95°C.
- **Smart OLED Display:** Intuitive touch screen shows water quality, volume, temperature, and filter life.
- **Installation-Free Design:** No plumbing or drilling required, simply plug and use.
- **High Pure to Drain Ratio:** Efficient 2:1 ratio minimizes water waste.
- **Safety Features:** Child lock and three-color ambient lighting for temperature indication.

- **Multiple Operating Modes:** Includes Night mode, Away mode, and Altitude mode.

# Distributeur d'eau chaude et froide par osmose inverse Waterdrop

De l'eau chaude et froide pure en un seul appareil



An infographic highlighting the key features of the Waterdrop WD-A1: 5°C cold water, instant heating, advanced RO filtration, an OLED screen, and no installation required.

## Filtration Technology:

The WD-A1 utilizes a comprehensive 7-stage reverse osmosis filtration system. This includes PP cotton, pre-carbon block, scale inhibitor, RO membrane, activated carbon filtration, non-woven fabric, and a UV sterilizer. This process is designed to reduce a wide range of contaminants, including 95.34% of TDS, 99.5% of chromium, 99.53% of fluoride, 91.67% of arsenic, 99.69% of lead, PFAS, PFOA, PFOS, iron, radium, calcium, nitrate, chloride, and large particles.

# Une eau pure et sûre



TDS



PFAS



Chlore



Sel



Sédiments



Plomb



Métaux  
lourds



Odeur



\*Les données proviennent de laboratoires tiers.

An exploded view diagram illustrating the 7-stage filtration process of the Waterdrop WD-A1, including PP cotton, pre-carbon block, scale inhibitor, RO membrane, activated carbon filtration, non-woven fabric, and UV sterilizer, removing TDS, PFAS, chlorine, salt, sediments, lead, heavy metals, and odors.

## Certifications:

The WD-A1 is certified NSF/ANSI 372 for lead-free materials and has passed SGS testing. Its RO water filter has been tested by an official laboratory (SGS) in accordance with NSF/ANSI 53, 58, 42, and 401 standards.

# Certifié NSF/ANSI 372

Vous fournit une eau saine, savoureuse.



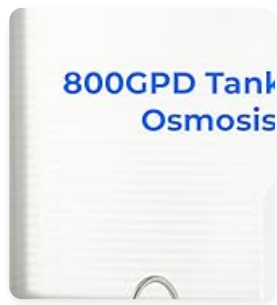
A laboratory setting with a scientist examining water, alongside a smartphone displaying a QR code to view the NSF/ANSI 372 certification report for lead-free materials. The image emphasizes the product's safety and quality standards. For more details, visit: <http://qr61.cn/o8AsTE/qJkZxsR>

## 3. SETUP

The Waterdrop WD-A1 is designed for easy, installation-free setup. No drilling or plumbing is required.

### Initial Setup Steps:

1. **Unpacking:** Carefully remove the dispenser and all components from the packaging.
2. **Placement:** Place the dispenser on a stable, flat surface in your kitchen, office, bedroom, or living room. Ensure there is at least 20cm of space on the sides for proper ventilation.
3. **Power Connection:** Plug the power cable into a suitable electrical outlet.
4. **Water Tank Filling:** Fill the raw water tank with tap water.
5. **Initial Rinse:** Upon initial power-on, the system will automatically initiate a comprehensive 30-minute rinsing process. During this process, the water in the wastewater tank will need to be emptied and the raw water tank refilled approximately three times. This ensures the system is clean and ready for use.



A woman in a kitchen next to the Waterdrop WD-A1, with icons indicating its suitability for dining rooms, living rooms, and offices due to its installation-free design.

## 4. OPERATING INSTRUCTIONS

The Waterdrop WD-A1 features an intelligent OLED display and touch controls for easy operation.

### Using the Smart OLED Screen:

The OLED screen provides real-time information on water quality (TDS), current water temperature, selected water volume, and filter lifespan. Use the smart touch keys to navigate and select options.

# Écran OLED plus facile à utiliser

## Conception tactile intelligente



### Note:

- En utilisation réelle, l'indicateur de durée de vie du filtre ne clignote ou ne reste allumé que lorsque le filtre est sur le point d'expirer ou a expiré.
- Agrandissez le contenu de la zone d'affichage pour l'interface d'affichage.

A close-up of the Waterdrop WD-A1's smart OLED screen, displaying filter life, water volume, water temperature (5°C), and TDS level (32), with a finger interacting with the touch controls.

## Temperature and Volume Selection:

The dispenser offers 6 preset temperature options and 5 standard cup volumes. Select your desired temperature and volume using the touch interface.

- **Temperature Options:** 5°C (Iced Lemon Water), Ambient, 45°C (Baby Formula), 65°C (Tea), 85°C (Coffee), 95°C (Oatmeal).
- **Volume Options:** 150ml, 250ml, 350ml, 500ml, Max.

**6 Options de température**

**5 Options de volume d'eau**  
150 | 250 | 350 | 500ml | max

5°C  
250ML TDS 32

**5°C**  
Eau glacée au citron

**Eau à température ambiante**

**45°C**  
Préparation pour bébé

**65°C**  
Thé

**85°C**  
Café

**95°C**  
Flocons d'avoine

A visual guide to the Waterdrop WD-A1's 6 temperature options (5°C for iced lemon water, ambient, 45°C for baby formula, 65°C for tea, 85°C for coffee, 95°C for oatmeal) and 5 water volume options (150, 250, 350, 500ml, max).

**Note on Hot Water:** The WD-A1 heats water in real-time without an integrated hot water tank. External factors like weather conditions and initial cup temperature may slightly influence the dispensed water temperature.

## Safety Features:

- **Child Lock:** Prevents accidental dispensing of hot water, reducing the risk of burns.

- **Ambient Lighting:** Three-color ambient lighting indicates the water temperature (e.g., blue for cold, red for hot), providing a visual cue even at night.



A close-up of the Waterdrop WD-A1 dispensing water, showing three-color ambient lighting (white, blue, red) indicating different water temperatures for safety and convenience.

## Multiple Operating Modes:

The dispenser includes several modes to optimize performance and energy consumption:

- **Night Mode:** Activates silent operation and energy-saving features, ideal for homes or offices during off-hours.
- **Away Mode:** Allows for draining stagnant water, ensuring fresh water upon return.
- **Altitude Mode:** Corrects the boiling point for accurate temperature dispensing in high-altitude environments.



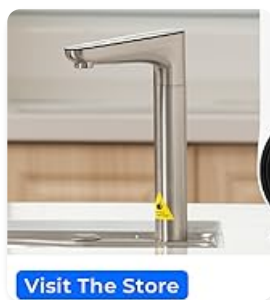
The Waterdrop WD-A1 dispenser on a countertop, with text describing its multiple modes: Night mode for energy saving and noise reduction, Away mode for draining stagnant water, and Altitude mode for boiling point correction.

## 5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Waterdrop WD-A1 dispenser.

### Filter Replacement:

The OLED screen will indicate when filters need replacement. Follow the instructions on the display or in the detailed filter replacement guide (if provided separately) to change the 7-stage RO filter. Using genuine Waterdrop replacement filters is recommended.



An illustration showing the process of replacing the filter in the Waterdrop WD-A1 system.

## Cleaning:

- **Exterior:** Wipe the exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Drip Tray:** Regularly remove and clean the drip tray to prevent water buildup and maintain hygiene.
- **Water Tanks:** Periodically clean the raw water and wastewater tanks. The separation of these tanks ensures efficient purification and prevents repeated filtration, extending the RO membrane's lifespan.



An illustration demonstrating the separation of the pure water and wastewater tanks in the Waterdrop WD-A1 system.

## 6. TROUBLESHOOTING

If you encounter any issues with your Waterdrop WD-A1, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No water dispensed	Raw water tank empty; power off; child lock active.	Refill raw water tank; check power connection; deactivate child lock.
Water tastes unusual	New filter not rinsed; filter lifespan expired.	Perform initial rinse cycle; replace filter as indicated on OLED screen.
Slow water flow	Filter clogged or expired.	Check filter status on OLED screen and replace if necessary.
Display not working	Power issue; system error.	Ensure power is connected; try restarting the unit by unplugging and replugging.
Noise during operation	Normal cooling/filtration sounds; insufficient ventilation.	Ensure adequate space (20cm) around the unit for ventilation. If noise is excessive, contact support.

If the problem persists after attempting these solutions, please contact Waterdrop customer support.

## 7. SPECIFICATIONS

Specification	Detail
Model Number	WD-A1

Specification	Detail
Dimensions (L x W x H)	46.5 x 19.9 x 43.3 cm
Weight	17.2 kg
Material	Plastic, Metal
Capacity	Approx. 6 Liters (204 Fluid Ounces)
Purification Method	Reverse Osmosis (7-stage filtration)
Installation Type	Countertop
Power Source	Electric Cable
Temperature Range	5°C - 95°C
Pure to Drain Ratio	2:1
Certifications	NSF/ANSI 372, SGS tested (NSF/ANSI 53, 58, 42, 401)
Included Components	7-stage reverse osmosis filter, dual water tanks, reverse osmosis membrane, water inlet/outlet pipes



A diagram showing the dimensions of the Waterdrop WD-A1 system and its main components.

## 8. WARRANTY AND SUPPORT

Information regarding the specific warranty period and terms for the Waterdrop WD-A1 is not available in the provided product data. Please refer to the official Waterdrop website or your purchase documentation for detailed warranty information.

For technical support, troubleshooting assistance beyond this manual, or to inquire about replacement parts, please contact Waterdrop customer service directly. Contact details can typically be found on the manufacturer's website or included in your product packaging.

