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› Waterdrop K19-H Countertop Reverse Osmosis System User Manual

Waterdrop K19-H

Waterdrop K19-H Countertop Reverse Osmosis System User Manual

Model: K19-H | Brand: Waterdrop

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1. INTRODUCTION

Thank you for choosing the Waterdrop K19-H Countertop Reverse Osmosis System. This innovative water dispenser provides purified and instant hot water, designed for convenience and superior filtration. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new system. Please read it thoroughly before use.





Figure 1.1: Waterdrop K19-H Countertop Reverse Osmosis System, showing its sleek design and water dispensing spout.

2. SAFETY INFORMATION

Always adhere to the following safety precautions to prevent injury or damage to the product:

- Ensure the system is plugged into a grounded electrical outlet with the correct voltage (2700 watts).
- Do not immerse the unit in water or other liquids.
- Keep out of reach of children. The hot water function includes a child lock for safety.
- Do not operate the system if the power cord or plug is damaged.
- Avoid placing the unit near heat sources or in direct sunlight.

- Only use the system with potable water.
- Ensure the water tank is properly installed before operation to prevent leaks.
- Do not block the ventilation openings.



Figure 2.1: The Waterdrop K19-H system is SGS-tested for safety and purity, ensuring safe drinking water, especially for infants.

3. PRODUCT COMPONENTS

The Waterdrop K19-H system consists of the following main components:

- **Main Unit:** Houses the filtration system, heating element, and control panel.
- **Water Tank:** 170 oz (approx. 5L) capacity for feed water, with separate compartments for pure and drain water.
- **Composite Filter:** A 3-in-1 filter cartridge for 6-stage deep filtration.
- **Dispensing Spout:** Where purified water is dispensed.
- **Drip Tray:** Collects any spills.
- **Smart Screen & Control Panel:** Displays system status, temperature, volume, and allows for setting adjustments.



Figure 3.1: The K19-H system serves multiple functions, replacing traditional water purification and dispensing devices.

4. SETUP

The Waterdrop K19-H is designed for plug-and-play convenience with no installation or drilling required.

1. **Unpacking:** Carefully remove all components from the packaging.
2. **Placement:** Place the unit on a stable, flat surface in your desired location (kitchen, bedroom, office, RV). Ensure adequate space around the unit for ventilation.
3. **Water Tank Installation:** Ensure the water tank is properly seated in its designated slot.
4. **Filter Installation:** Insert the composite filter cartridge into its housing as per the markings. Ensure it is securely locked in place.
5. **Initial Rinse:** Before first use, fill the water tank with tap water to the maximum mark. Dispense and discard at least two full tanks of water to flush the system and new filter. This ensures optimal water quality.
6. **Power Connection:** Plug the power cord into a grounded electrical outlet. The system needs to be powered on for use.



Figure 4.1: The compact design of the K19-H makes it suitable for use in various environments, from kitchens to RVs.

5. OPERATION

The K19-H system features an easy-to-use operating panel and a smart screen.

5.1 Filling the Water Tank

Lift the water tank from the unit and fill it with tap water. Ensure to fill to the maximum mark to optimize water utilization. Reinsert the tank securely.

5.2 Smart Screen Display

The smart screen displays real-time information:

- **Temperature:** Current dispensing temperature.
- **Water Volume:** Selected dispensing volume.
- **Water Filtration Status:** Indicates active filtration.
- **Flushing States:** Shows when the system is self-flushing.
- **Water Quality (TDS):** Displays the Total Dissolved Solids level.
- **Filter Lifespan:** Indicates remaining filter life.

- **Plateau Mode:** An advanced setting for specific water needs.



Figure 5.1: The intelligent display provides real-time updates on system status and water quality.

5.3 Dispensing Water

The system offers 4 temperature options and 4-mode water capacity options.

- **Select Temperature:** Use the temperature control buttons to choose your desired water temperature. The V-type heating technology provides instant hot water in 3 seconds. Note that flow rate may be reduced in heating mode.
- **Select Volume:** Use the volume control buttons to select the desired water volume (e.g., 8oz, 12oz, 16oz, 20oz).
- **Dispense:** Place your cup or container under the spout and press the dispense button.



Figure 5.2: Choose from various water capacity options to suit your needs.

5.4 Child Lock

The system is equipped with a child lock feature to prevent accidental hot water dispensing. Refer to the on-screen prompts or specific buttons for activation and deactivation.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Waterdrop K19-H system.

6.1 Filter Replacement

The composite filter typically needs replacement once a year. The smart screen will indicate when a filter change is due.

1. Unplug the unit from the power outlet.
2. Remove the water tank.
3. Locate the filter cartridge and twist or unlock it according to the instructions on the filter housing.
4. Remove the old filter and dispose of it properly.
5. Insert the new filter cartridge, ensuring it is securely seated and locked.
6. Replace the water tank and plug in the unit.
7. Perform an initial rinse cycle as described in the Setup section to flush the new filter.

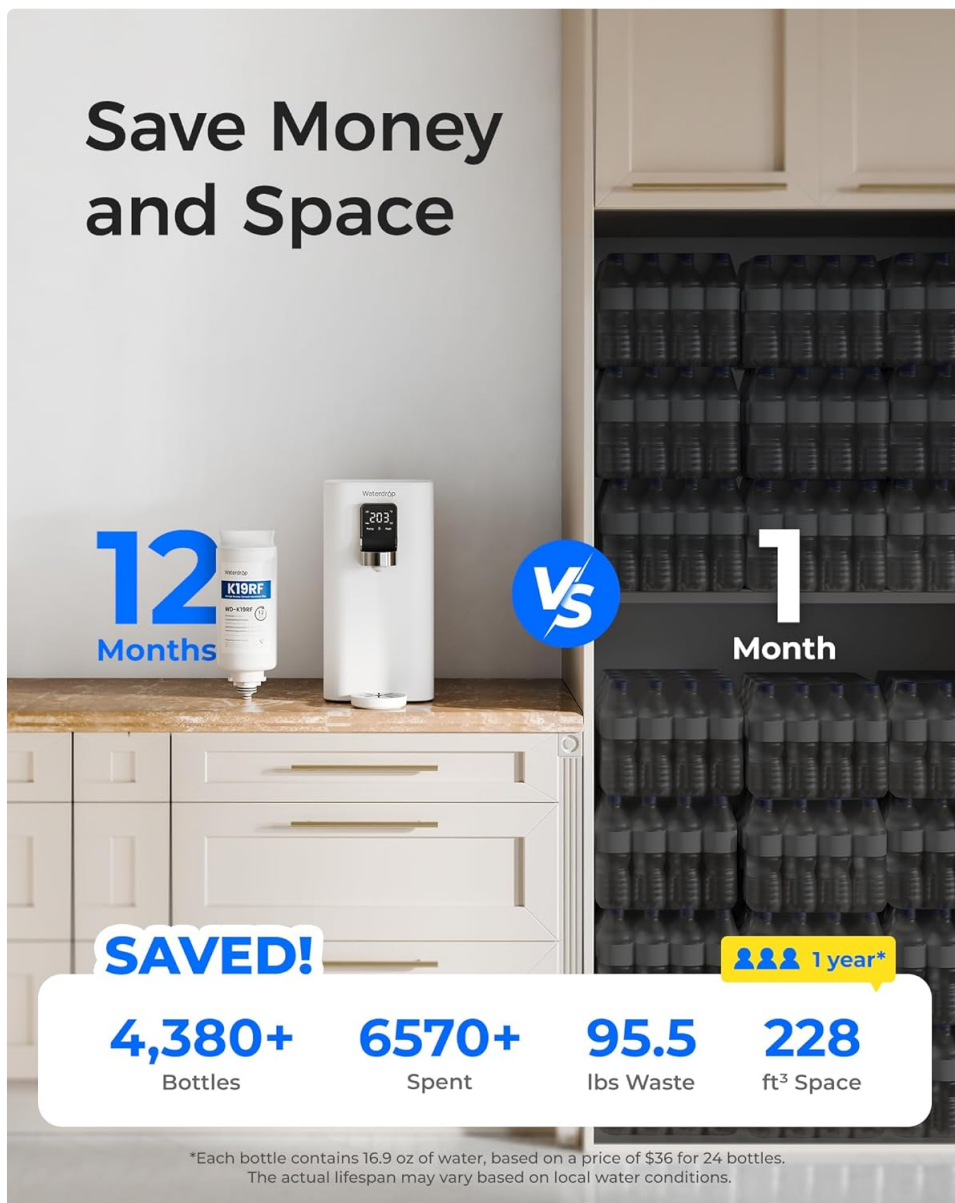


Figure 6.1: The long-lasting filter reduces the need for frequent replacements and saves on bottled water costs.

6.2 Cleaning the Unit

- Wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners.
- Regularly empty and clean the drip tray.
- Clean the water tank periodically with mild soap and water, then rinse thoroughly.

7. TROUBLESHOOTING

If you encounter issues with your Waterdrop K19-H system, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
No water dispensed	No power; Water tank empty; Tank not properly installed; Filter not installed correctly.	Check power connection; Refill water tank; Reinstall tank securely; Reinstall filter.
Slow water flow (especially hot water)	Normal for heating mode; Clogged filter.	This is normal for hot water dispensing; Check filter lifespan and replace if necessary.
Water tastes bad or has white particles	Initial use (needs flushing); Filter not working effectively; System defect.	Perform initial rinse cycles; Check filter installation and lifespan; Contact customer service if problem persists.
Leaking	Water tank not properly seated; Loose connections.	Ensure water tank is fully inserted; Check all connections for tightness.
Smart screen not responding	Power issue; Temporary glitch.	Unplug and replug the unit; Contact customer service if issue persists.

If the problem persists after attempting these solutions, please contact Waterdrop Customer Service for assistance.

8. SPECIFICATIONS

Feature	Detail
Model Name	K19-H
Installation Type	Countertop (No Installation Required)
Product Dimensions (L x W x H)	15.5" x 9.2" x 17.5"
Item Weight	16 Pounds
Wattage	2700 watts
Water Tank Capacity	170 oz (approx. 5L)
Pure to Drain Ratio	3:1
Filtration Stages	6-stage deep filtration (3-in-1 composite filter)
Supported Water TDS Level Maximum	500 PPM
Special Features	SGS & CSA Tested, PFAS Reduction, BPA Free, Instant Hot Water, 4 Temperature Options, 4 Water Capacity Options, Smart Screen, Child Lock
UPC	840814178805



Figure 8.1: The advanced 6-stage filtration system ensures comprehensive water purification.

9. WARRANTY & SUPPORT

Waterdrop products are manufactured to high-quality standards. For specific warranty details, including coverage period and terms, please refer to the official warranty card included with your product or visit the official Waterdrop website.

Customer Support

If you have any questions, require technical assistance, or need to report an issue, please contact Waterdrop Customer Service. Contact information can typically be found on the product packaging, the official Waterdrop website ([Visit the Waterdrop Store on Amazon](#)), or within the official user manual PDF.

For additional resources, you may refer to the [User Manual \(PDF\)](#) available online.