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Waterdrop WD-KJ600

Waterdrop WD-KJ600 Reverse Osmosis System User Manual

Brand: Waterdrop | Model: WD-KJ600

1. Introduction

Product Overview

The Waterdrop WD-KJ600 is a tankless reverse osmosis system designed for under-sink installation, providing instant hot and cold purified water. It features a 5-stage deep filtration process to effectively reduce various contaminants and offers a smart LED faucet for convenient operation and monitoring.



Image: Waterdrop WD-KJ600 Reverse Osmosis System with smart faucet and a glass of water.



Image: All-in-one water solution provided by the Waterdrop WD-K6 Instant Hot Water RO System.



Image: Waterdrop K6 Instant Hot Water RO System, designed for under-sink installation.

2. What's in the Box

Package Contents

The Waterdrop WD-KJ600 system includes the following components:

- RO system main unit
- All-in-one filter cartridge
- Smart faucet with LED display
- Necessary installation accessories (tubing, adapters, etc.)

3. Installation Guide

Pre-Installation Checklist

Before beginning installation, ensure you have:

- An under-sink electrical outlet available.
- Appropriate tools for drilling two holes (if required) for the faucet and drain pipe connection.
- Sufficient space under your sink. The main unit dimensions are approximately 17.5"D x 6.7"W x 16.6"H.
- Note: If using well water, it is recommended that the feed water has been pre-filtered.

Installation Steps (Overview)

The WD-KJ600 is designed for under-sink installation. The tankless design helps free up kitchen space. For detailed, step-by-step installation instructions, please refer to the official User Guide PDF.



Image: Compact size of the Waterdrop system saves under-sink space.



Image: Key details regarding product installation and requirements.

4. Operating Your System

Smart Faucet Functions

The smart LED faucet provides real-time information and control:

- **TDS Display:** Shows the Total Dissolved Solids level of the purified water.
- **Filter Life Reminder:** Indicates when the filter needs replacement.
- **Child Lock:** A safety feature to prevent accidental hot water dispensing.
- **Temperature Adjustment:** Allows you to set the desired hot water temperature.

Dispensing Water

The system dispenses both cold and hot water. You can adjust the hot water temperature from 104℉ (40℃) to 203℉ (95℃).

To dispense hot water, select the desired temperature on the smart faucet. The system will heat water to the preset temperature in seconds. Note that external factors like weather and cup temperature may affect the final water temperature.

To dispense cold water, select the cold water option on the faucet.

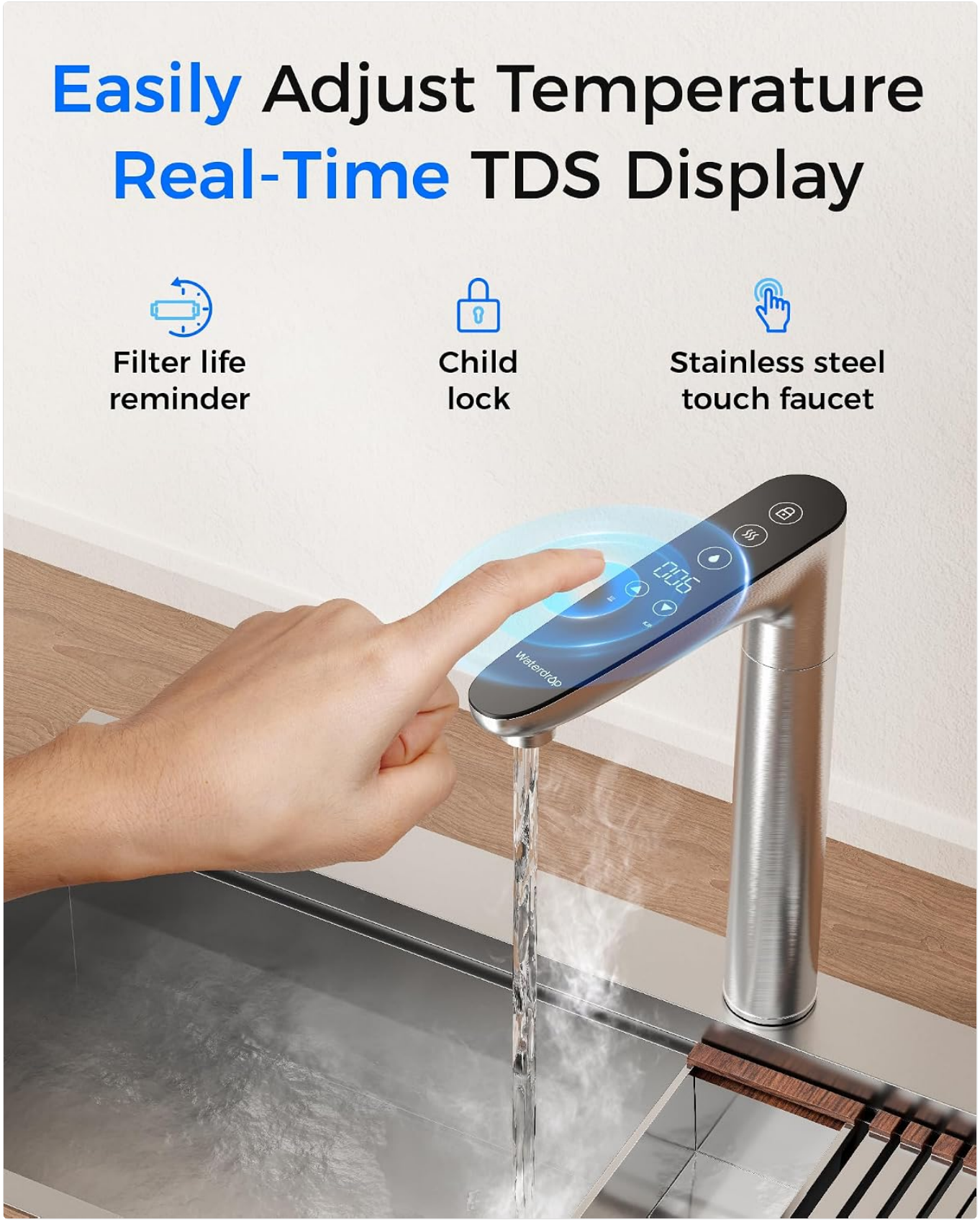

Image: Smart faucet displaying TDS level and offering touch controls.



Image: Smart touch display faucet for water quality and temperature at a glance.



Image: Proper temperature settings for various uses.

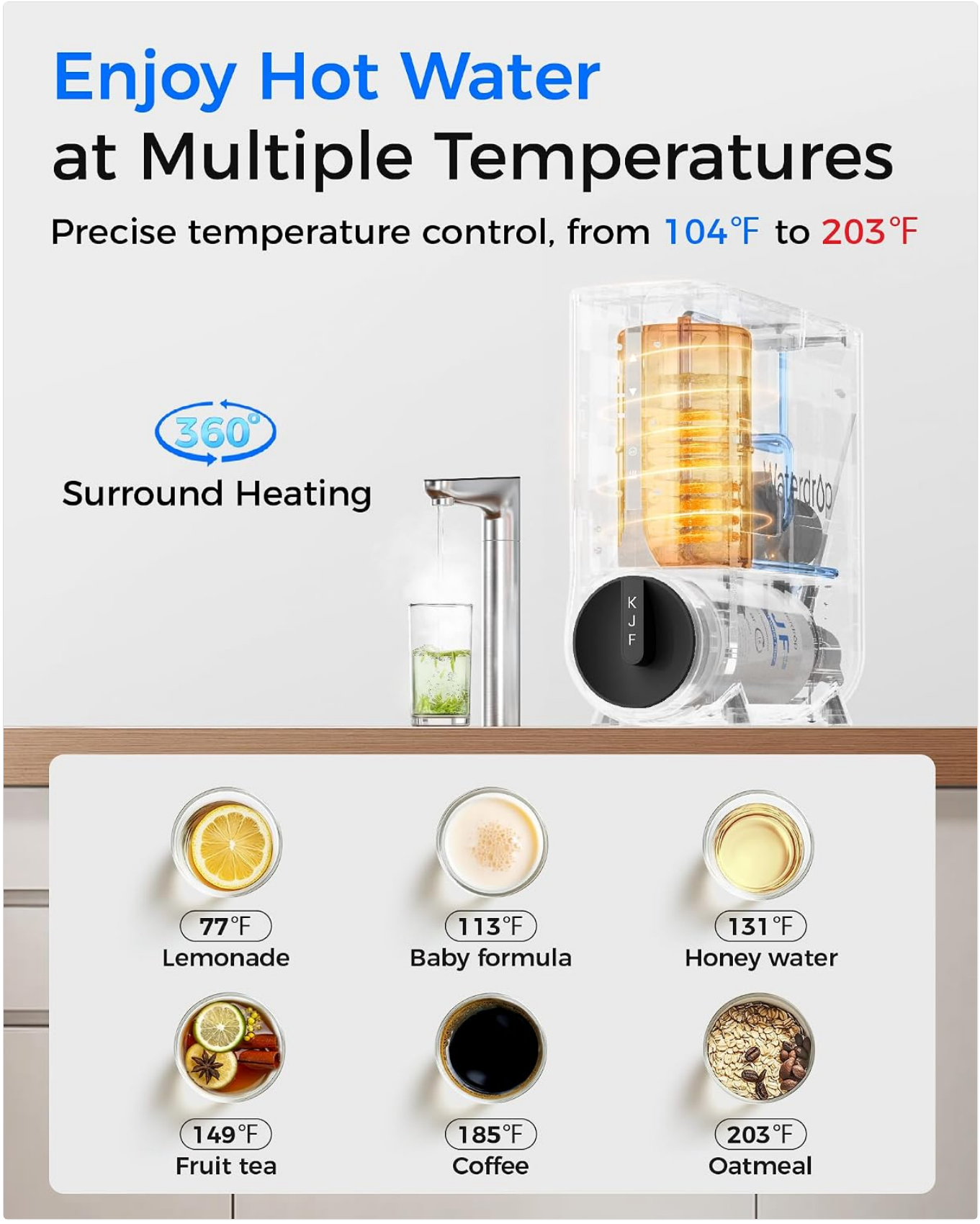

Image: Enjoy hot water at multiple temperatures with precise control.



Image: Instant hot water with anti-scale features.

5. Maintenance

Filter Replacement

The Waterdrop WD-KJ600 uses an all-in-one filter for comprehensive filtration. The smart faucet will indicate when the filter needs replacement.

Replacing the filter is a simple process: just a twist is needed to remove and install the new filter. The system features an automatic water shutoff during filter replacement for convenience and safety.



Image: Simple twist-to-replace filter mechanism.

6. Troubleshooting

Common Issues and Solutions

If you encounter issues with your Waterdrop WD-KJ600 system, please review the following common problems and solutions:

Problem	Possible Cause	Solution
No hot water / Hot water not dispensing	Heating function not enabled; System in standby mode; External factors affecting temperature.	Ensure the heating switch is on. If the unit has been unused for 48 hours, it may enter standby; allow a few minutes for it to preheat. Adjust temperature settings on the smart faucet.
Low water flow	Clogged filter; Low incoming water pressure.	Check filter life indicator and replace if necessary. Ensure adequate water supply pressure.
Smart faucet display not working	Power issue; Faucet connection issue.	Check power supply to the main unit. Ensure the faucet cable is securely connected.
Water tastes bad or has odor	Filter nearing end of life; Initial system flush not completed.	Replace the filter. Ensure the initial 15-minute system flush was performed as per the user guide.

For more detailed troubleshooting, please consult the comprehensive User Manual PDF or contact Waterdrop customer support.

7. Product Specifications

Feature	Detail
Model Number	WD-KJ600
Color	Black
Capacity	600 Gallons Per Day (GPD)
Material	Reverse Osmosis Membrane & Carbon Block & PP Cotton
Product Dimensions	17.5"D x 6.7"W x 16.6"H
Item Weight	33.4 pounds
Wattage	820 watts
Installation Type	Under Sink
Upper Temperature Rating	203 Degrees Fahrenheit (95°C)
Flow Rate	0.4 Gallons Per Minute (hot water)
Pure to Drain Ratio	2:1
Special Features	5-stage deep filtration, Instant hot/cold water, Smart LED Faucet, Child Lock, Heating Overtime Protection



Image: NSF/ANSI 372 Certified for pure, safe, and reliable water. Scan for Report



Image: SGS-Tested for Safety & Purity, showing high reduction rates for various contaminants.



Image: SGS Tested and Certified according to NSF/ANSI standards.



Image: Filters radioactive substances with 0.0001μm filtration accuracy.



Image: Reduces PFAS for healthier living.

8. Warranty and Support

Warranty Information

The Waterdrop WD-KJ600 Reverse Osmosis System comes with a 1-year manufacturer and seller combination warranty.

Additional Resources

For comprehensive information, including detailed installation guides, troubleshooting, and product specifications, please refer to the official PDF documents:

- User Guide (PDF)
- User Manual (PDF)

Customer Support

If you require further assistance or have questions not covered in this manual, please contact Waterdrop customer service.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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