

Waterdrop C1H

Waterdrop C1H Countertop Reverse Osmosis System Instruction Manual

Model: C1H

1. INTRODUCTION

The Waterdrop C1H Countertop Reverse Osmosis System provides filtered water with instant heating capabilities. This system is designed for ease of use and does not require permanent installation, making it suitable for various environments.

Key features include:

- **6-Stage RO Filtration:** Certified to NSF/ANSI 58 & 372 standards, reducing TDS, PFOA, PFOS, chlorine, fluoride, arsenic, and lead.
- **3-Second Instant Heating:** Provides hot water rapidly for beverages and other uses.
- **Easy Operation:** Features an intelligent digital screen for monitoring and customizable settings.
- **Compact Design:** Fits on most countertops without requiring installation.
- **High Efficiency:** Achieves a 3:1 pure to drain water ratio.

CoreRO - Where to Start Premium Filtration



Figure 1: Waterdrop CoreRO C1H system on a kitchen counter, illustrating its key features.

2. SAFETY INFORMATION

WARNING: HOT WATER RISK OF SCALDING.

Always exercise caution when dispensing hot water. Keep children away from the dispenser during operation. Do not use with well water or source water with Total Dissolved Solids (TDS) greater than 500 ppm.

3. SETUP

The Waterdrop C1H system requires no plumbing installation. Simply place it on a stable countertop and plug it into a power outlet.

3.1 Initial Flushing Process

Before first use, or after filter replacement, perform the flushing process:

1. After powering on, the system will automatically begin rinsing the filter.
2. When the water tank indicator lights up and the screen displays 50%, empty the feed water tank and refill it with fresh water.

3. Continue rinsing until the screen displays 100%, indicating the process is complete.

Leave Room for Best Performance



Figure 2: The compact design of the Waterdrop C1H, suitable for various countertops. Dimensions: 8.3"D x 11.7"W x 13.7"H.

Your browser does not support the video tag.

Video 1: An official product video demonstrating the features and operation of the Waterdrop CoreRO Countertop Reverse Osmosis System, model WD-C1H.

4. OPERATING INSTRUCTIONS

The system features an intelligent digital screen for intuitive control.

4.1 Digital Screen Functions

The digital screen displays temperature, water volume, and filter life. It also provides indicators for:

- **Favorite Mode:** Customize and save your preferred temperature and volume settings.
- **Filter Life:** Monitors the remaining lifespan of the filter.
- **Flushing:** Indicates when the system is performing a flush cycle.
- **Water Volume:** Select from 5 preset water volumes.
- **Child Lock:** Engages a safety lock for hot water dispensing.
- **Temperature:** Choose from 5 preset temperature options (Room temp, 113°F, 140°F, 185°F, 203°F).

If the TDS level exceeds 150 ppm, the water dispenser key icon () will flash as a reminder.

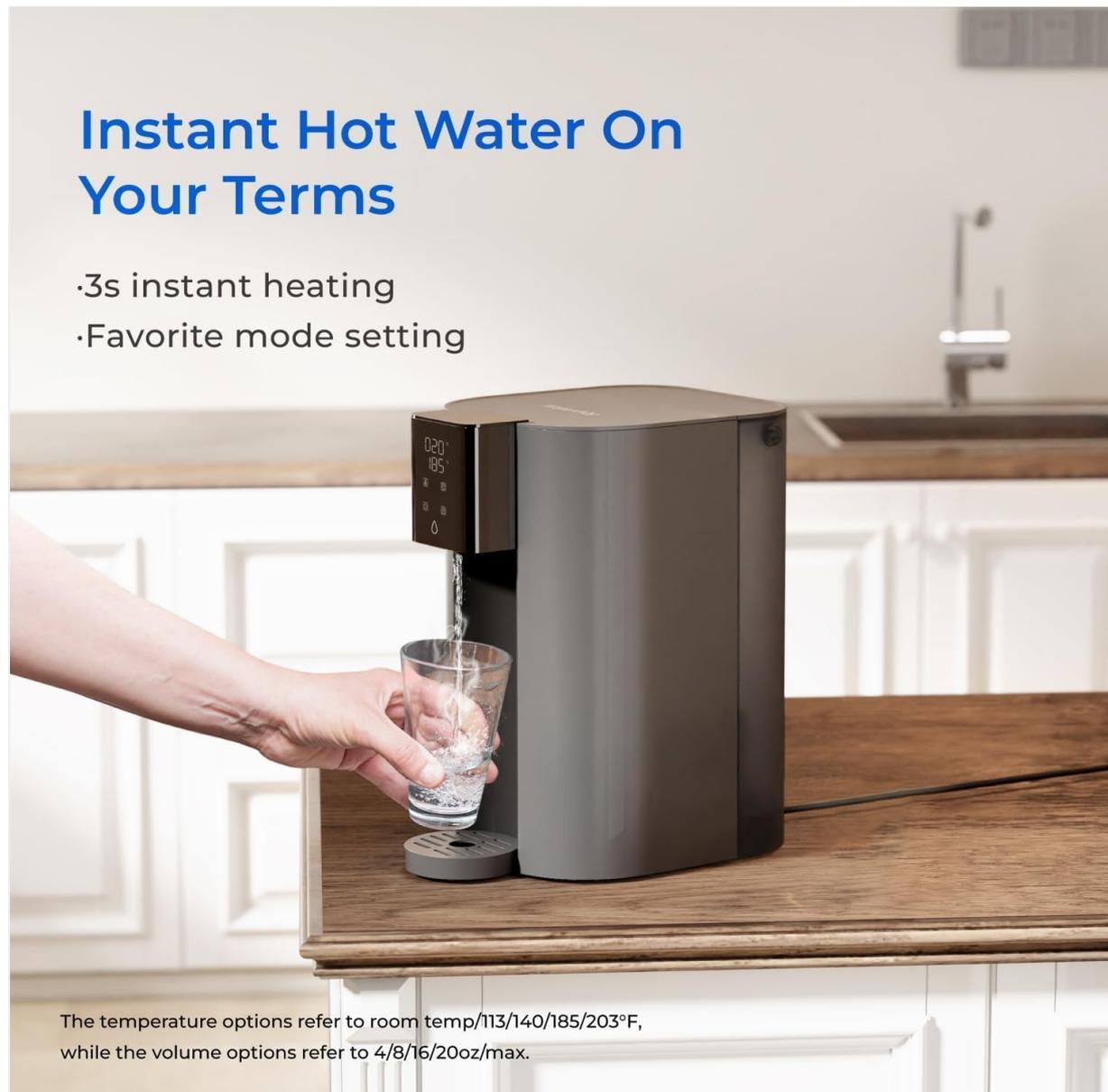


Figure 3: Smart touch screen interface for controlling the system's functions.

Smart Touch Screen

Customizable temp & volume to remember your hobbies

-  Favorite mode
-  Filter life
-  Flushing
-  Water volume
-  Child lock
-  Temperature



Figure 4: Adjustable temperature and volume settings for diverse water needs.

4.2 Dispensing Water

Water can be dispensed directly from the front spout or by removing the internal pure water tank. The front dispenser accommodates cups up to 9 inches in height with the drip tray removed.

Reliable and Secure

Reduces TDS, PFOA, PFOS, Chlorine, Fluoride, Arsenic, Lead and more

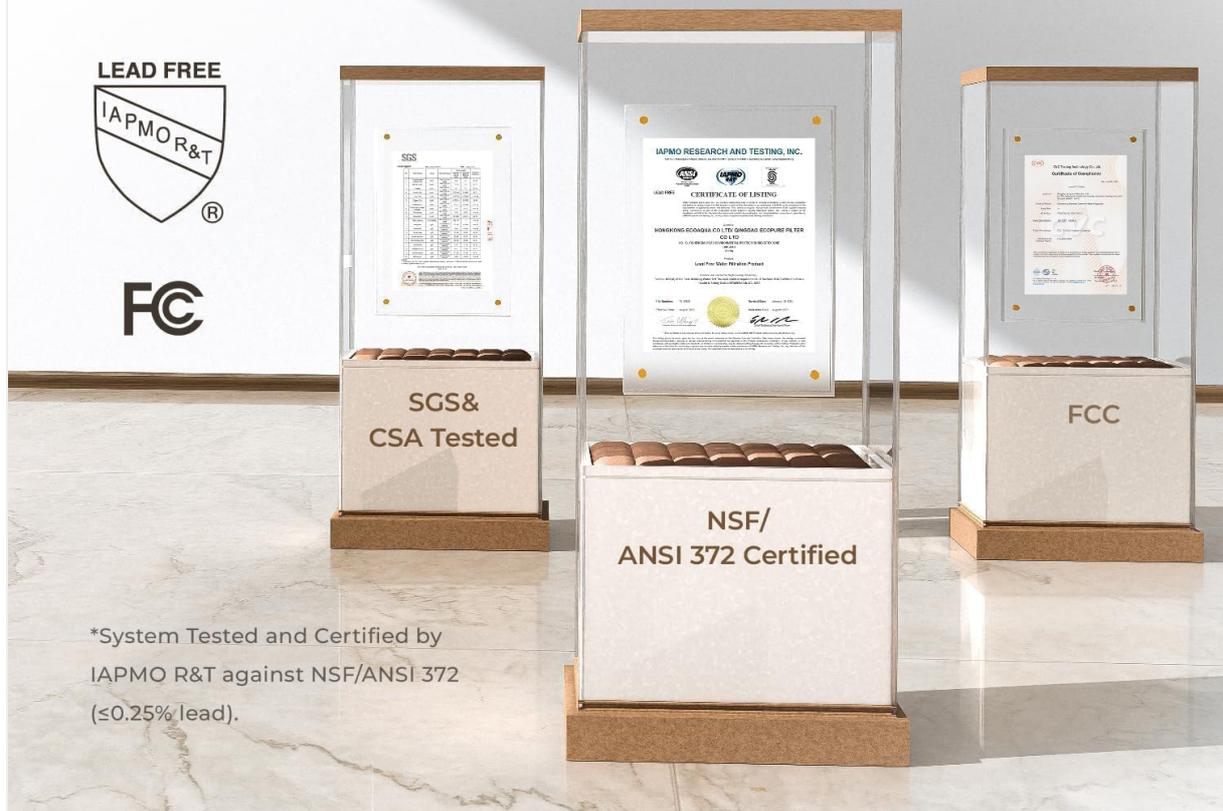


Figure 5: Instant hot water dispensing with customizable settings.

5. FILTRATION SYSTEM

The Waterdrop C1H utilizes a 6-stage reverse osmosis filtration system with a premium 0.0001 μ m RO membrane. This advanced filtration effectively reduces various contaminants, including:

- Total Dissolved Solids (TDS)
- PFOA and PFOS
- Chlorine
- Fluoride
- Arsenic
- Lead

The system is NSF/ANSI 58 & 372 certified for material safety and lead-free compliance, and SGS-tested for performance.

Smooth Taste, Pure Hydration

Upgraded soften-tech to improve
your water quality

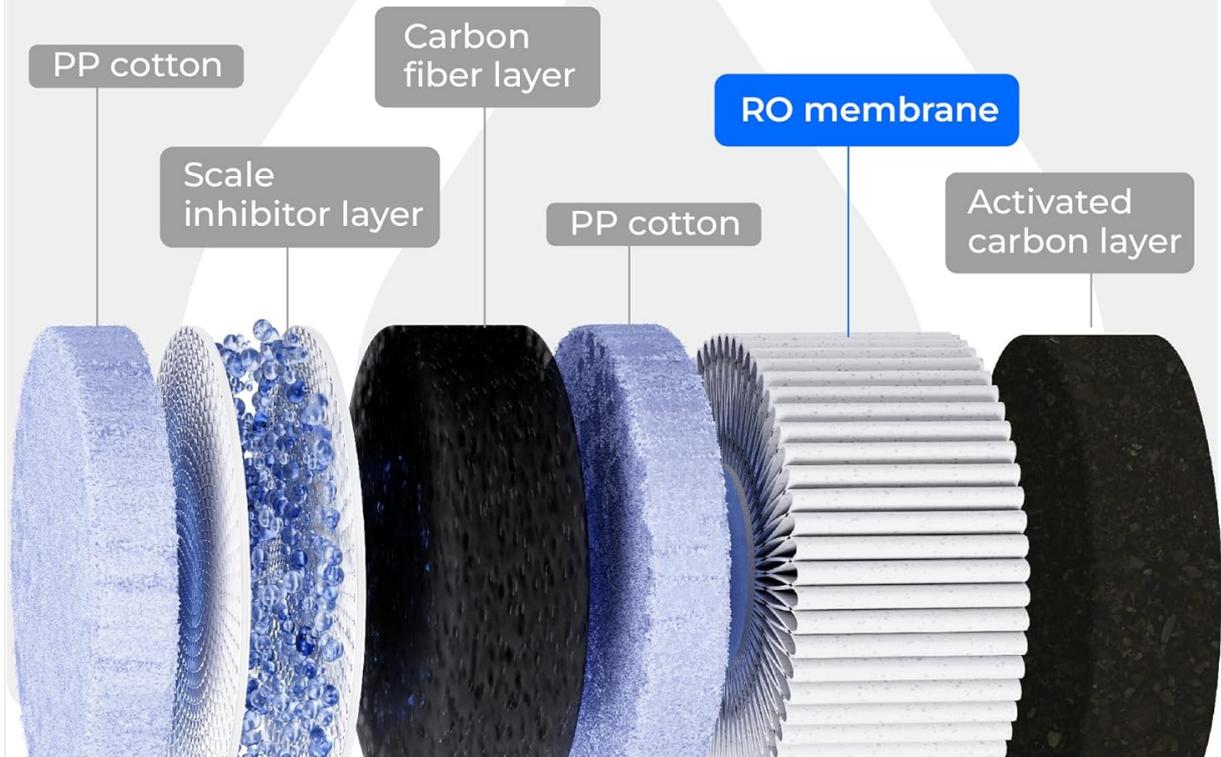


Figure 6: Detailed view of the 6-stage filtration layers for pure hydration.

Reliable and Secure

Reduces TDS, PFOA, PFOS, Chlorine, Fluoride, Arsenic, Lead and more

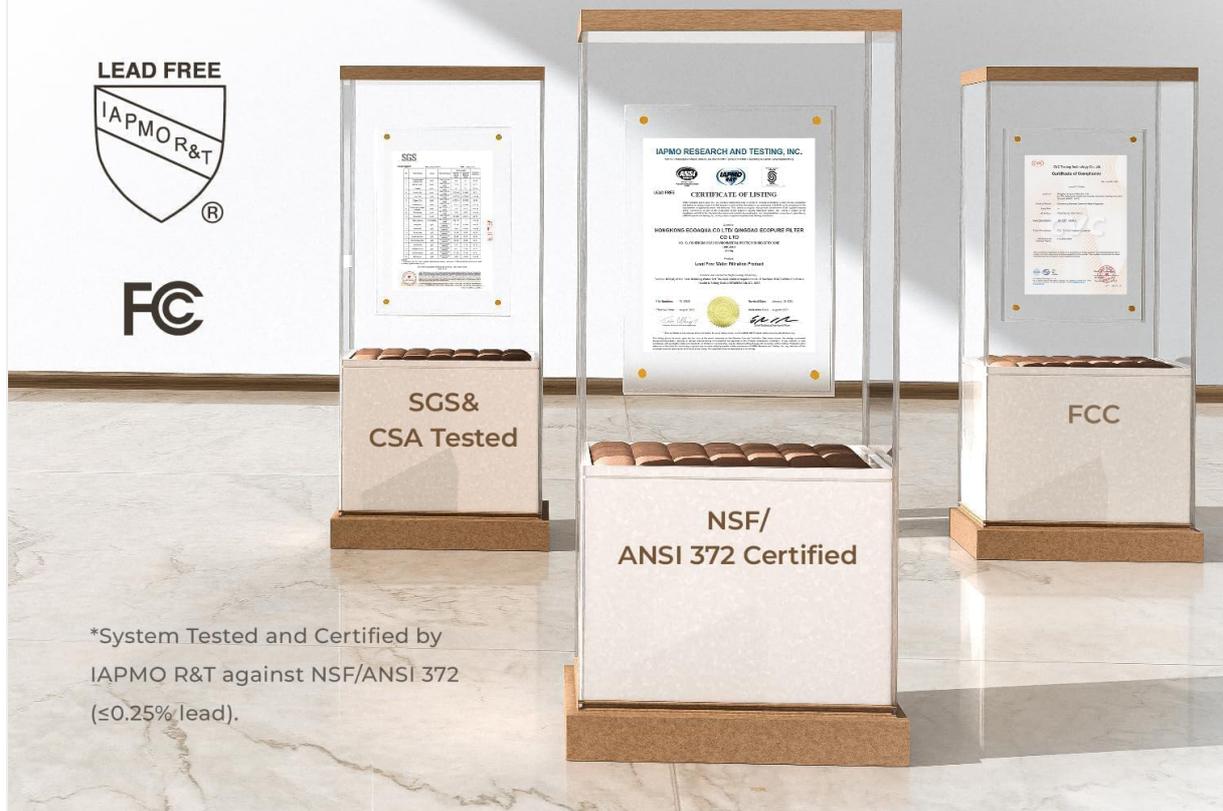


Figure 7: Certifications ensuring the reliability and security of the filtration system.

6. MAINTENANCE

6.1 Filter Replacement

The filter has a lifespan of approximately 12 months. The digital screen will indicate when a replacement is needed. Filter replacement is designed to be quick and easy, taking approximately 3 seconds.



User-friendly Design



3:1 pure-to-drain ratio



12 months filter lifespan



Detachable pure water tank



110oz large capacity water tank

Figure 8: User-friendly design for easy filter replacement and tank management.

6.2 Cleaning

Regular cleaning of the system, especially the water tanks and drip tray, is recommended to maintain optimal performance and hygiene. The detachable pure water tank can be easily removed for cleaning and can also be placed in a refrigerator for chilled water.

7. TROUBLESHOOTING

If you encounter any issues with your Waterdrop C1H system, please refer to the following general advice:

- **No Water Dispensing:** Check if the power cord is securely plugged in and if the water tanks are correctly seated. Ensure the child lock is not activated if attempting to dispense hot water.
- **TDS Indicator Flashing:** This indicates high TDS levels. Perform a filter flush as described in the setup section. If the issue persists, consider replacing the filter.
- **Unusual Taste/Odor:** Ensure the filter is correctly installed and has been properly flushed. If the problem continues after flushing and filter replacement, contact customer support.
- **System Not Heating:** Verify that the desired temperature is selected and the system is not in a cooling-only mode (if applicable to your specific model variant).

For more detailed troubleshooting or persistent issues, please contact Waterdrop customer support.

8. SPECIFICATIONS

Feature	Detail
Model Name	WD-C1-G
Item Volume	1.1 Gallons
Capacity	3.2 Liters
Product Dimensions	8.3 x 11.7 x 13.7 inches (D x W x H)
Item Weight	15.09 pounds (6.86 Kilograms)
Installation Method	Countertop
Special Features	Instant Hot & 6 Stage RO Filtration, NSF/ANSI 58&372 Certified, SGS Tested, Glass Bottle Included, 3:1 Pure to Drain
Included Components	Countertop RO System, Replacement Filter, Feed Water Tank, Glass Bottle
Color	Gray
Material	Glass

9. WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase replacement parts, please contact Waterdrop Filtration Tech directly. Refer to your product packaging or the official Waterdrop website for the most current contact details.