

Waterdrop WD-M6HG

Waterdrop M6HG Mineralized Instant Hot Reverse Osmosis System

User Manual

1. INTRODUCTION

Thank you for choosing the Waterdrop M6HG Mineralized Instant Hot Reverse Osmosis System. This advanced countertop water filter provides purified, mineralized, and instant hot water for various needs. Featuring an 8-stage filtration process and NSF/ANSI 58 & 372 certifications, it ensures high-quality drinking water. This manual provides essential information for safe operation, installation, maintenance, and troubleshooting.

Key features include:

- 8-Stage Filtration with 0.0001µm RO membrane.
- Mineralization to add beneficial calcium, magnesium, and potassium.
- Instant hot water with 5 temperature options (Room Temp, 45°C, 65°C, 85°C, 95°C).
- NSF/ANSI 58 & 372 Certified for reduction of various contaminants.
- 3:1 Pure to Drain water ratio, separating tap and waste water.
- Installation-free countertop design.
- Detachable 1.2L glass pitcher.

2. SAFETY PRECAUTIONS

Please read all safety instructions carefully before operating the appliance to prevent injury or damage.

- **Electrical Safety:** Ensure the power outlet matches the appliance's voltage. Do not immerse the unit in water. Unplug before cleaning or maintenance.
- **Hot Water Safety:** The system dispenses hot water up to 95°C. Exercise extreme caution to avoid burns. Keep children away from the hot water dispenser.
- **Pitcher Handling:** **DO NOT** remove the pure water pitcher during flushing or while the unit is actively dispensing water. Keep the pitcher on the unit during flushing and use.
- **Placement:** Place the unit on a stable, flat surface. Ensure at least 55cm of space above the unit for

easy tank replacement and proper ventilation.

- **Water Source:** Use only potable tap water in the feed water tank.
- **Maintenance:** Only perform maintenance as described in this manual. For complex issues, contact customer support.

3. PRODUCT COMPONENTS

The Waterdrop M6HG system includes the main unit, a detachable glass pitcher, and pre-installed filters.



Figure 3.1: Waterdrop M6HG Main Unit with dimensions (Height: 36.9cm, Width: 23.5cm, Depth: 40.3cm). Features include 8-Stage Filtration, Mineral-Infused water, NSF/ANSI 58 & 372 Certification, and Instant Heating. A detachable glass pitcher is shown next to the unit.

- **Main Unit:** Houses the filtration system, water tanks (4L tap water, 1.5L waste water), heating

element, and control panel.

- **Detachable Glass Pitcher:** A 1.2L pitcher for purified water, made of glass to prevent chemical harm.
- **Filters:** Multi-stage filters including a RO membrane, pre-carbon filter, scale inhibitor, PP cotton, activated carbon filter, mineral infusion layer, and UV treatment.

4. SETUP

The Waterdrop M6HG is designed for installation-free use. Follow these steps for initial setup:

1. **Unpack:** Carefully remove all components from the packaging.
2. **Placement:** Place the main unit on a stable, level countertop. Ensure adequate space around the unit, especially 55cm above for tank access.
3. **Fill Water Tank:** Open the feed water tank lid and fill it with potable tap water. The tank has a 4L capacity for tap water.
4. **Connect Power:** Plug the power cord into a grounded electrical outlet.
5. **Initial Flushing:** The system will automatically initiate an initial flushing cycle. **DO NOT** remove the glass pitcher during this process. This flushes the filters and prepares the system for use.
6. **NFC One-Tap Support:** For a smart guide, turn on NFC on your phone and tap it against the NFC label on the unit. This provides access to installation videos, FAQs, and customer support.

User-Friendly Design: Makes Drinking Simple



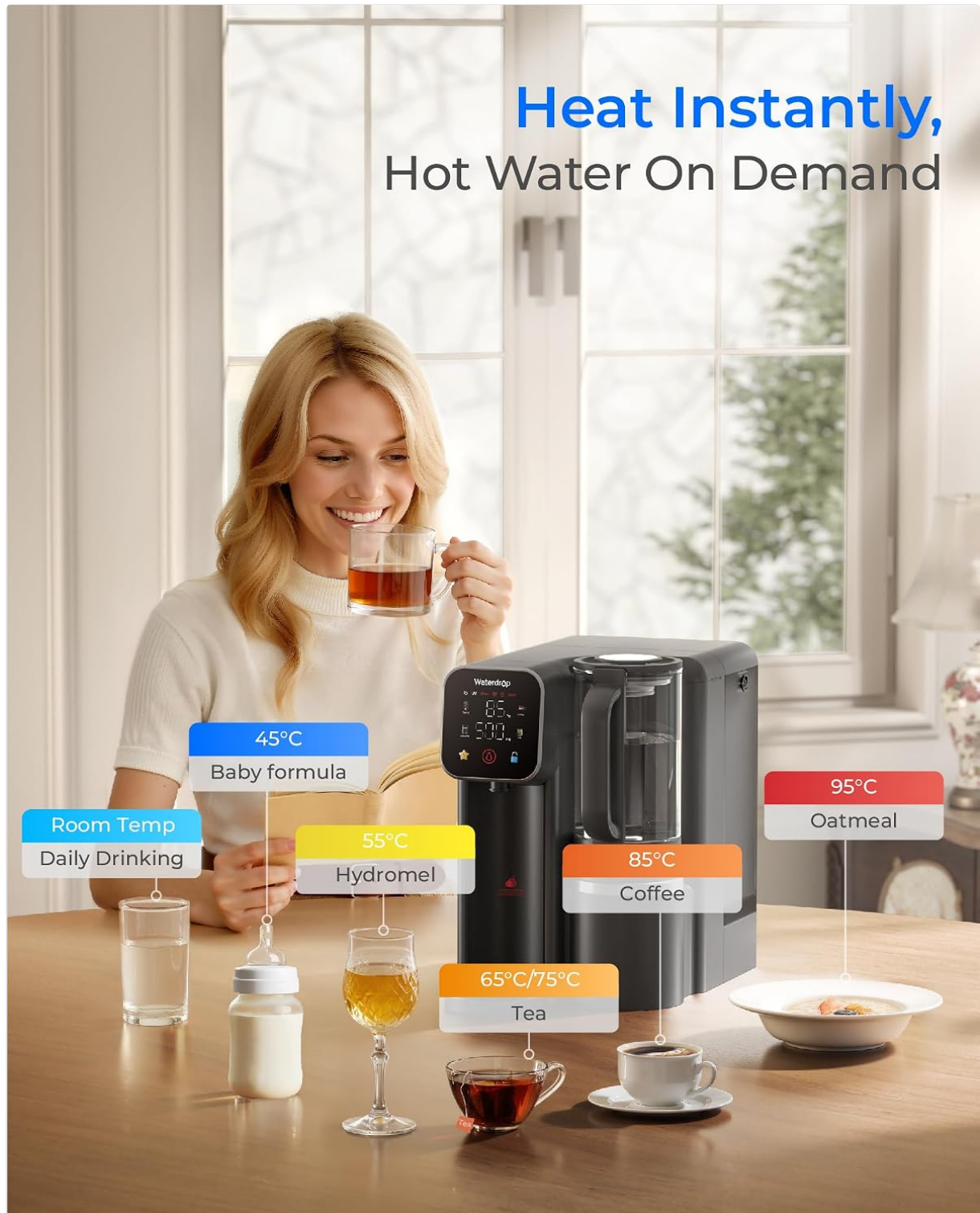
Figure 4.1: User-Friendly Design highlighting the smart control panel, filter replacement mechanism, 5.5L water tank, voice prompts, and automatic water refill feature.

5. OPERATING INSTRUCTIONS

The M6HG system offers customizable temperature and volume settings for your convenience.

1. **Power On:** The unit powers on automatically when plugged in.
2. **Select Temperature:** Use the control panel to select your desired water temperature. Options include:
 - Room Temp (for daily drinking)
 - 45°C (for baby formula)

- 65°C (for tea)
 - 85°C (for coffee)
 - 95°C (for oatmeal)
3. **Adjust Volume:** Select the desired dispensing volume from 150ml, 250ml, 350ml, 500ml, or MAX.
 4. **Dispense Water:** Place the glass pitcher or a cup under the dispenser and press the dispense button. The system will heat and dispense water instantly.
 5. **Favorite Mode:** Save your preferred temperature and volume settings using the 'Favorite Mode' for one-tap access.
 6. **Voice Prompts:** The unit provides voice prompts for actions like refilling water or replacing filters.
 7. **Automatic Water Refill:** The system automatically refills the pure water reservoir below 0.6L to ensure water is always ready.



6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Waterdrop M6HG system.

6.1 Filter Replacement

The system will indicate when filters need replacement via the control panel and voice prompts. Filters can be replaced in seconds using the 'Twist & Pull' design.

1. Unplug the unit from the power outlet.
2. Locate the filter compartment.
3. Twist the old filter counter-clockwise and pull it out.
4. Insert the new filter, twist clockwise until secure.
5. Plug the unit back in. The system may initiate a flushing cycle after filter replacement.

6.2 Cleaning

- **Main Unit:** Wipe the exterior with a soft, damp cloth. Do not use abrasive cleaners or immerse the unit in water.
- **Glass Pitcher:** The 1.2L detachable glass pitcher can be washed with mild soap and water.
- **Waste Water Tank:** The waste water tank (1.5L capacity) should be emptied regularly. The waste water is 100% separate from pure water and can be recycled for non-potable uses like watering plants or cleaning.

100% Separation of Tap and Waste Water



Prevents
Backflow Pollution



Extends
Filter Lifespan



Figure 6.1: The 1.2L detachable glass pitcher is safe and easy to use, preventing chemical harm and suitable for various applications.

NSF/ANSI 58 & 372 Certified & SGS Tested to Ensure Your Safety



System Certified by IAPMO R&T to NSF/ANSI 58 for the reduction of the claims specified on the Performance Data Sheet, and to NSF/ANSI 372 for low lead.



Figure 6.2: Illustration of 100% separation of tap water (4L) and wastewater (1.5L) tanks, preventing backflow pollution and extending filter lifespan.

7. FILTRATION PROCESS AND CERTIFICATION

The Waterdrop M6HG employs an advanced 8-stage filtration system to ensure comprehensive purification and mineralization.

Adds Minerals to Support Everyday Vitality



Supports Bone &
Muscle Health



Supports Nerve &
Heart Function



Supports Metabolism &
Immune Health

H_4SiO_4

Ca^{2+}

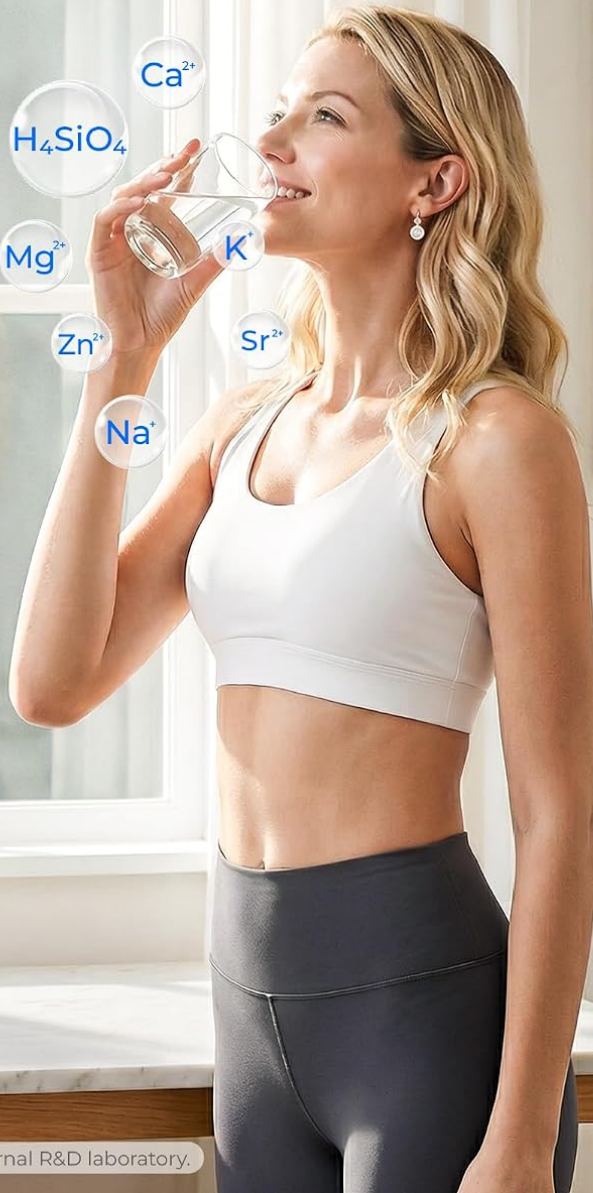
Mg^{2+}

K^{+}

Zn^{2+}

Sr^{2+}

Na^{+}



* Claims based on theoretical evaluation by our internal R&D laboratory.

Figure 7.1: Advanced 8-Stage Filtration with added minerals. The stages include Pre-Carbon Filter, Scale Inhibitor, PP Cotton, 0.0001µm RO Membrane, Activated Carbon Filter, Mineral Infusion Layer, PP Cotton, and UV Treatment. This process reduces contaminants like Fluoride, PFOA, PFOS, TDS, Chlorine, Lead, Heavy Metals, Chromium, VOCs, Cadmium, and other impurities.

After RO purification, the system adds essential minerals like calcium, magnesium, and potassium to improve taste and provide balanced daily drinking water.

Installation-Free RO System

Total Separation of Pure and Waste Water



8-Stage
Filtration



Mineral-
Infused



NSF/ANSI
58 & 372 Certified



Instant
Heating

15cm | Ensure 55cm space for easy tank replacement.

36.9cm

23.5cm

40.3cm

Detachable
Glass Pitcher*

* Glass Pitcher is from Maxblue.

Figure 7.2: The system adds minerals such as Calcium (Ca), Magnesium (Mg), Potassium (K), Zinc (Zn), Sodium (Na), and Strontium (Sr) to support bone & muscle health, nerve & heart function, and metabolism & immune health.

7.3 Certifications

The Waterdrop M6HG system is certified by IAPMO R&T to NSF/ANSI 58 for the reduction of specified claims on the Performance Data Sheet, and to NSF/ANSI 372 for low lead content, ensuring your safety and water quality.

Advanced 8-Stage Filtration with Added Minerals



Figure 7.3: The Waterdrop M6HG system is NSF/ANSI 58 & 372 Certified and SGS Tested. A certificate of listing from IAPMO Research and Testing, Inc. is shown, confirming compliance for reduction of claims and low lead content. For detailed certification information, please refer to the official document: [M6 Certification PDF](#).

8. TROUBLESHOOTING

If you encounter issues with your Waterdrop M6HG system, refer to the following common troubleshooting steps:

- **No Water Dispensing:** Check if the unit is plugged in, the water tank is filled, and the glass pitcher is correctly placed. Ensure no error codes are displayed on the panel.
- **Unusual Taste/Odor:** This may indicate filters need replacement or the system requires flushing. Perform a flushing cycle as per initial setup instructions.

- **Slow Water Flow:** Check filter status. Clogged filters can reduce flow rate. Replace filters if indicated.
- **Error Codes:** If an error code appears on the display, refer to the NFC smart guide for specific instructions or contact customer support.

For further assistance, use the NFC One-Tap Support feature on your phone to access FAQs or contact customer support directly.

9. SPECIFICATIONS

Feature	Specification
Model Number	WD-M6HG
Brand	Waterdrop
Dimensions (D x W x H)	40.3D x 23.5W x 36.9H centimetres
Installation Type	Countertop
Feed Water Tank Capacity	4 Liters
Waste Water Tank Capacity	1.5 Liters
Pure Water Pitcher Capacity	1.2 Liters
Pure to Drain Ratio	3:1
Filtration Stages	8-Stage (including RO membrane and mineralization)
Temperature Options	Room Temp, 45°C, 65°C, 85°C, 95°C
Power Source	Corded Electric
Certifications	NSF/ANSI 58 & 372

10. WARRANTY AND SUPPORT

Waterdrop provides customer support for its products. For warranty information, technical assistance, or to purchase replacement parts and filters, please refer to the official Waterdrop website or contact their customer service directly.

You can also utilize the NFC One-Tap Support feature on your device to quickly access support resources, FAQs, and contact information.