**VEVOR EHM-H11**

# VEVOR EHM-H11 Hydrogen Water Bottle User Manual

Model: EHM-H11 | Brand: VEVOR

## 1. Introduction

This manual provides detailed instructions for the safe and effective operation and maintenance of your VEVOR EHM-H11 Hydrogen Water Bottle. Please read this manual thoroughly before first use and retain it for future reference.


Figure 1: VEVOR EHM-H11 Hydrogen Water Bottle in operation.

## 2. Product Components

The VEVOR EHM-H11 Hydrogen Water Bottle package includes the following items:

- 1 x Bottle Body (Borosilicate Glass)
- 1 x Hydrogen-Generating Base
- 1 x Bottle Lid
- 1 x Nasal Inhalation Tube
- 1 x USB Charging Cable
- 1 x User Manual


Figure 2: Included components of the VEVOR EHM-H11.

## 3. Specifications

| Feature | Detail |
|---|---|
| Model Number | EHM-H11 |
| Capacity | 380 ml (13.4 oz) |
| Hydrogen Content | 1000 - 2000 ppb |
| Material | Borosilicate Glass + ABS + Silica |
| Dimensions | Φ2.9" x 8.4" / Φ73 x 214mm |
| Weight | 1.0 lbs / 0.47 kg |
| Power Source | Battery Powered |
| Voltage and Current | DC3.7 V / 3000 mAh |
| Water Temperature Range | 5 to 60°C |

## 4. Setup and Initial Use

### 4.1 Charging the Device

Before first use, fully charge the hydrogen-generating base using the provided USB charging cable. The indicator light will show charging status.

### 4.2 Assembly

1. Ensure the bottle body is clean.
2. Screw the hydrogen-generating base securely onto the bottom of the glass bottle body.
3. Fill the bottle with potable water (within the recommended temperature range of 5 to 60°C). Do not overfill.
4. Screw the bottle lid onto the top of the bottle body.

## 5. Operating Instructions

## 5.1 Hydrogen Generation

The device features two modes for hydrogen production:

- **3-Minute Mode (1000 ppb):** Press the power button once. The indicator light will turn blue, signifying hydrogen production.
- **10-Minute Mode (2000 ppb):** Press the power button twice. The indicator light will turn blue, signifying hydrogen production.

The indicator light will also show the battery status.


Figure 3: Hydrogen generation modes.

## 5.2 Using with Mineral Water Bottles

The hydrogen-generating base is detachable and features a universal bottle mouth design, allowing it to be used with standard mineral water bottles. This is convenient for travel or on-the-go use.

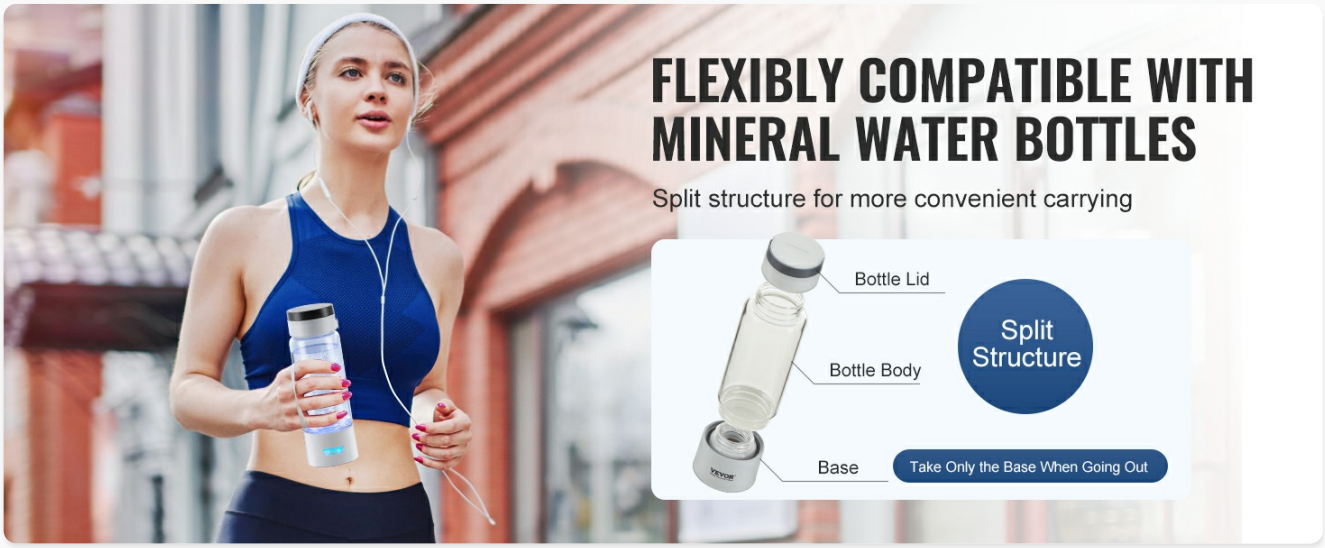


Figure 4: Detachable base for use with mineral water bottles.

## 5.3 Nasal Inhalation

For hydrogen gas inhalation, follow these steps:

1. Fill the hydrogen bottle with the appropriate amount of water. Do not overfill.
2. Remove the rubber cap from the bottle lid.

3. Insert the breathing tube into the nozzle under the rubber cap on the bottle lid.
4. Initiate hydrogen generation as described in Section 5.1.


Figure 5: Steps for nasal inhalation setup.

## 6. Maintenance

### 6.1 Self-Cleaning Function

To remove scale buildup from the electrodes due to prolonged use, utilize the self-cleaning cycle:

- Press and hold the power button for 3 seconds.
- The indicator light will turn green, indicating the self-cleaning cycle is active. This cycle typically lasts 3 minutes.

**Warning: Do not drink water generated during the self-cleaning mode.**


Figure 6: Activating the self-cleaning function.

### 6.2 Routine Cleaning

For routine cleaning of the bottle:

- Add 100 - 150 ml of hot water (60-80°C) with lemon juice or baking soda to the bottle.
- Let it sit for 5-10 minutes after electrolysis (if performed).
- Pour out the solution and wipe the bottle clean.

- The borosilicate glass body can be safely rinsed with water for cleaning.

## 7. Safety Precautions

- The bottle is crafted from premium borosilicate glass, designed to withstand temperature changes without cracking when filled with hot/cold water ranging from 5 to 60°C.
- A small hole at the bottom of the base is designed for oxygen release to promote hydrogen gas release and reduce internal pressure. Minor water leakage from this vent is a normal occurrence.
- Do not immerse the hydrogen-generating base in water.
- Keep out of reach of children.
- Use only potable water.
- Do not attempt to disassemble or repair the device yourself. Contact customer support if issues arise.

## 8. Troubleshooting

If you encounter issues with your VEVOR EHM-H11 Hydrogen Water Bottle, please refer to the following common solutions:

- **Device not turning on:** Ensure the device is fully charged. Connect it to the USB charging cable and allow sufficient time for charging.
- **No hydrogen bubbles:** Verify that the bottle is filled with water and the base is securely attached. Ensure the device is powered on and the indicator light is blue. If the issue persists, perform a self-cleaning cycle.
- **Device shuts off unexpectedly:** This may indicate a low battery. Recharge the device. If the issue continues after a full charge, contact customer support.
- **Minor water leakage from the bottom vent:** This is a normal function for oxygen release and pressure reduction. Ensure the bottle is not overfilled. If excessive leakage occurs, check for proper assembly of the bottle body and base.

For issues not covered here, please contact VEVOR customer support.