**VEVOR TMYD-01020120**

# VEVOR Portable Propane Water Heater 10L (2.64 GPM) Instruction Manual

Model: TMYD-01020120

## 1. Introduction

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your VEVOR Portable Propane Water Heater, Model TMYD-01020120. This tankless outdoor water heater is designed to provide instant hot water for various outdoor applications such as camping, RVs, cabins, and barns. Please read this manual thoroughly before initial use and retain it for future reference.




Image 1.1: Front view of the VEVOR Portable Propane Water Heater with included regulator, hose, and shower head.

## 2. Safety Information

**WARNING: Failure to follow these instructions could result in fire, explosion, property damage, personal injury, or death.**

- This appliance is for outdoor use only. Do not operate indoors or in enclosed spaces.
- Ensure adequate ventilation when operating.
- Always check for gas leaks using a soapy water solution before each use. Never use an open flame.
- Keep flammable materials away from the water heater.
- Do not block the exhaust vent.
- Ensure the water heater is securely mounted or placed on a stable, level surface.
- Do not leave the appliance unattended during operation.
- Disconnect the propane cylinder when the appliance is not in use.
- This unit features 6-in-1 protection: Anti-freeze protection, overheat protection, low water flow protection, dry burn protection, high water pressure protection, and a flame failure device with a safety tilt switch. However, proper installation and operation are still crucial.




Image 2.1: Illustration of the water heater's tilt safety auto-off feature and icons representing its 6-in-1 protection systems.

## 3. Product Overview

The VEVOR Portable Propane Water Heater (Model TMYD-01020120) is a compact and efficient solution for instant hot water. Key features include:

- **Instant Hot Water:** 68,000 BTU/HR heating power with a flow rate range of 1.14-2.64 GPM.
- **Real-Time Temperature Display:** Digital display for clear monitoring and precise temperature control, with a maximum water temperature of 131°F (55°C).
- **Dual Cold/Hot Modes:** Switch between winter and summer modes for optimal performance in varying climates.
- **6-in-1 Protection:** Includes anti-freeze, overheat, low water flow, dry burn, high water pressure, and flame failure device with safety tilt switch.
- **Portability:** Designed for wall-mounted installation and easy transport for outdoor use.




Image 3.1: Detail of the control panel, showing the gas, water flow, and seasonal mode selectors, along with the digital temperature display.




Image 3.2: The water heater demonstrating its dual mode capability for winter and summer operation.

## Components Included:

- Water Heater x 1
- Regulator x 1
- Shower Head x 1
- Shower Hose x 1
- Sealing Rings x 3

- Shower Holder x 1
- Screws x 2
- G1/2 to 3/4 GHT Adapter x 1
- G1/2 to 5/8 UNF Adapter x 1
- G1/2 Female to 3/4 GHT Male Adapter x 1

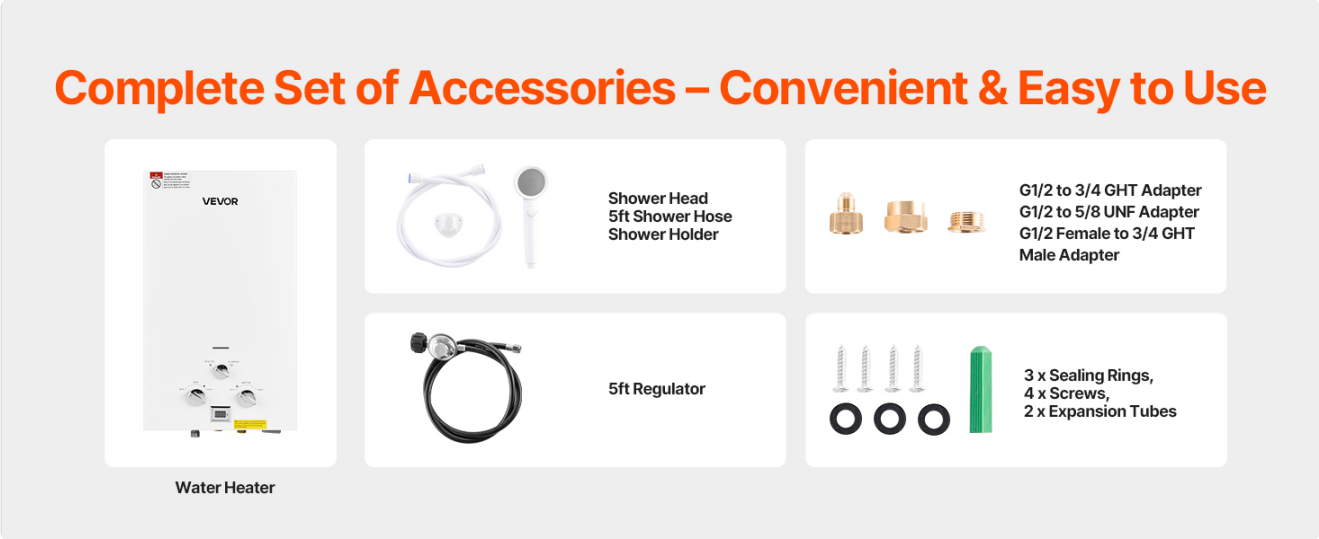



Image 3.3: A visual representation of all components and accessories included with the water heater.

## 4. Setup

Follow these steps for proper installation and setup of your portable propane water heater:

1. **Mounting:**
   The unit is designed for wall-mounted installation. Choose a stable, vertical surface outdoors, away from any flammable materials and with adequate ventilation. Use the provided screws to securely mount the water heater. Ensure it is level.

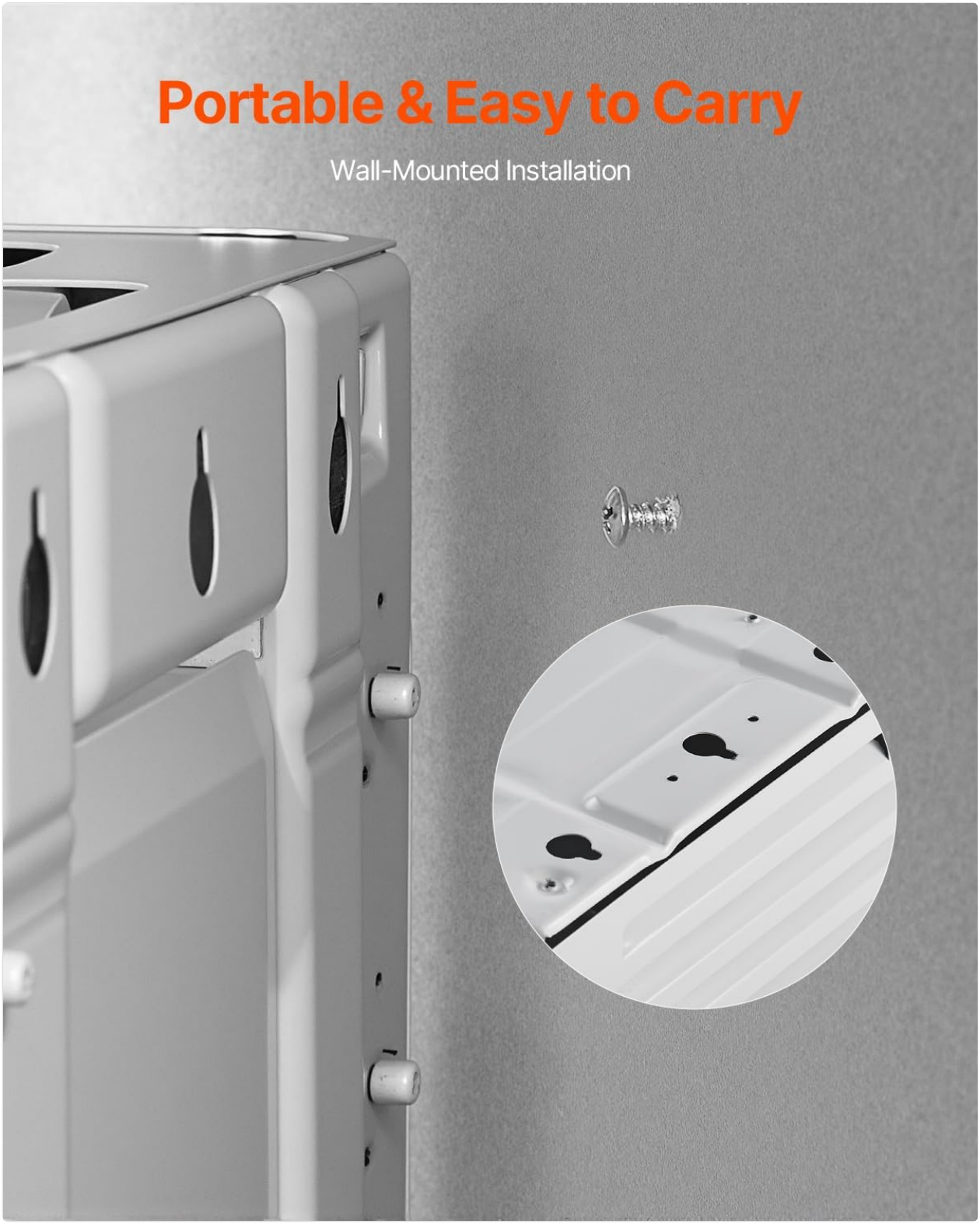



Image 4.1: Detail of the wall-mounting mechanism on the back of the water heater.

2. **Gas Connection:**
    - Connect the provided propane regulator to the gas inlet on the water heater.
    - Connect the other end of the regulator hose to a standard propane cylinder (not included).
    - Ensure all gas connections are tight. Perform a leak test using soapy water: apply the solution to all gas connections. If bubbles appear, tighten the connection and retest. Do not use the unit if leaks persist.
3. **Water Connections:**
    - Connect your cold water supply (e.g., garden hose) to the water inlet (typically marked blue or "IN"). The minimum starting water pressure required is 3.63 psi.

- Connect the shower hose and shower head to the hot water outlet (typically marked red or "OUT").
- Ensure all water connections are tight to prevent leaks.

4. **Battery Installation (if applicable):**
   While the product specifications state "Batteries Required? No", some models may use D-cell batteries for ignition. If your model requires batteries, install them according to the polarity markings in the battery compartment.

## 5. Operating Instructions

Once the unit is properly set up and all connections are secure, follow these steps to operate your water heater:

1. **Open Gas Supply:** Slowly open the valve on your propane cylinder.
2. **Open Water Supply:** Turn on the cold water supply to the unit. Ensure water flows through the heater before attempting to ignite the gas.
3. **Adjust Gas and Water Knobs:**
   - **Gas Knob:** Adjust the gas flow (MIN to MAX) to control the flame intensity and thus the water temperature.
   - **Water Knob:** Adjust the water flow (MIN to MAX) to control the water pressure and temperature rise. Lower flow generally results in hotter water.
4. **Select Seasonal Mode:**
   - **Winter Mode:** Activates all burners for maximum heating capacity in colder conditions.
   - **Summer Mode:** Activates fewer burners, suitable for warmer conditions or when less heat is required, saving propane.
5. **Ignition:** As water flows through the unit, the ignition system will automatically spark, and the burners will ignite. You should hear a clicking sound followed by the sound of burning gas. The digital display will show the real-time water temperature.
6. **Temperature Adjustment:** Fine-tune the gas and water knobs to achieve your desired water temperature. The maximum water temperature is 131°F (55°C).
7. **Shut Down:** To turn off the unit, first turn off the gas supply at the propane cylinder, then turn off the water supply. The unit will automatically shut down.




Image 5.1: The water heater in use, providing instant hot water for outdoor showering.

## 6. Maintenance

Regular maintenance ensures the longevity and safe operation of your VEVOR water heater:

- **Cleaning:** Periodically clean the exterior of the unit with a damp cloth. Do not use abrasive cleaners or solvents.
- **Inspect Connections:** Before each use, inspect all gas and water connections for wear, damage, or leaks.
- **Drain Water:** After each use, especially in freezing conditions, drain all water from the unit to prevent freezing

damage. The product features anti-freeze protection, but manual draining is recommended for long-term storage or severe cold.

- **Storage:** When not in use for extended periods, disconnect the propane cylinder, drain the water, and store the unit in a dry, protected area.

## 7. Troubleshooting

If you encounter issues with your water heater, refer to the following common problems and solutions:

| Problem | Possible Cause | Solution |
|---|---|---|
| No hot water / Unit does not ignite | • No gas supply or low propane.<br>• No water flow or insufficient water pressure (below 3.63 psi).<br>• Gas knob set too low.<br>• Ignition system malfunction. | • Check propane cylinder and connections. Ensure cylinder is not empty.<br>• Ensure water supply is open and pressure is adequate.<br>• Adjust gas knob to a higher setting.<br>• Contact customer support if ignition issues persist after checking gas and water. |
| Water is not hot enough | • Gas knob set too low.<br>• Water flow rate too high.<br>• Incorrect seasonal mode (e.g., Summer mode in cold weather). | • Increase gas flow.<br>• Reduce water flow using the water knob.<br>• Switch to Winter mode for maximum heating. |
| Water is too hot | • Gas knob set too high.<br>• Water flow rate too low.<br>• Incorrect seasonal mode (e.g., Winter mode in warm weather). | • Decrease gas flow.<br>• Increase water flow using the water knob.<br>• Switch to Summer mode for reduced heating. |
| Gas smell | • Gas leak. | • Immediately turn off gas supply at the cylinder.<br>• Perform a leak test with soapy water.<br>• Do not operate if a leak is detected. Contact a qualified technician. |

## 8. Specifications

Detailed technical specifications for the VEVOR Portable Propane Water Heater, Model TMYD-01020120:




Image 8.1: Visual representation of the water heater's dimensions and a list of included accessories.

| Specification | Value |
|---|---|
| Model Number | TMYD-01020120 |
| Capacity | 10L (2.64 GPM) |
| Rated Heat Load | 68,000 BTU/HR |

| Specification | Value |
|---|---|
| Heating Method | Propane Combustion Heating |
| Product Dimensions (W x H x D) | 12.9" x 22.6" x 8" (330 x 575 x 205 mm) |
| Item Weight | 18.52 pounds (8.4 kg) |
| Maximum Temperature | 131°F (55°C) |
| Minimum Starting Water Pressure | 3.63 psi |
| Water Pressure Range | 3.63-110 psi |
| Mounting Type | Wall |
| Color | White |
| UPC | 197988510932 |

## 9. Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official VEVOR website. Keep your purchase receipt as proof of purchase.
You can visit the VEVOR Store for more information:VEVOR Official Store


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