VIVOHOME VH732

VIVOHOME Outdoor Portable 1.6GMP 6L Propane Gas Tankless Water Heater

User Manual

Model: VH732

Introduction

This manual provides essential information for the safe and efficient operation of your VIVOHOME Outdoor Portable 1.6GMP 6L Propane Gas Tankless Water Heater. Please read it thoroughly before installation and use, and retain it for future reference.

The VIVOHOME Propane Water Heater is designed to provide convenient and safe outdoor hot water, offering efficiency and energy savings. It is CSA approved, meeting both Canadian and US standards for safety.



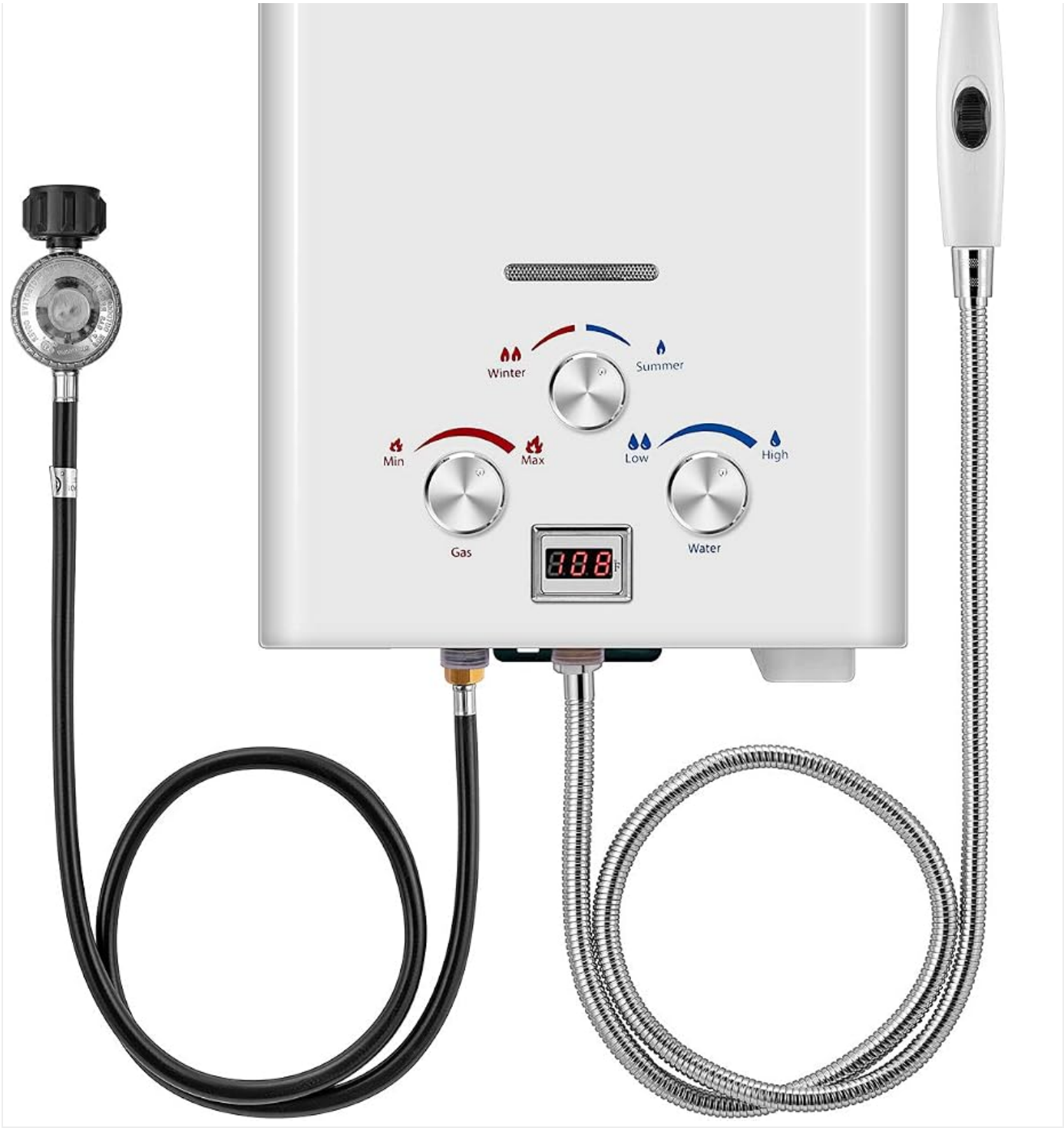


Figure 1: VIVOHOME Outdoor Portable Tankless Water Heater with included shower head and gas regulator.

Safety Information and Protections

Your safety is paramount. This water heater incorporates multiple safety features to ensure reliable and secure operation. Always adhere to local codes and regulations during installation and use.

- **Overheating Protection:** Automatically shuts off the unit if water temperature exceeds safe limits.
- **Antifreeze Protection:** Helps prevent damage in cold conditions (proper draining is still recommended).
- **Flameout Protection:** Automatically cuts off gas supply if the flame extinguishes unexpectedly.
- **Anti-dry Protection:** Prevents the unit from operating without sufficient water flow.
- **High Water Pressure Protection:** Ensures safe operation within specified water pressure ranges (3~145 PSI).
- **Low Water Flow Protection:** The unit will not ignite if water pressure is below 3 PSI.



Figure 2: Visual representation of the multiple safety protections integrated into the VIVOHOME water heater, including overheat, anti-freeze, flame failure, high water pressure, and low water flow protection.

Key Features

- **High Efficiency:** Delivers 1.6 gallons (6 liters) of hot water per minute.
- **Digital Display:** Shows water temperature in Fahrenheit for easy monitoring.
- **Automatic Ignition & Flameout:** Unit ignites automatically when water flow is detected and shuts off when flow stops, conserving energy.
- **Adjustable Controls:** Independent controls for gas flow, water flow, and a season control (Winter/Summer) for precise temperature management.
- **Portable Design:** Ideal for outdoor showering, RVs, camping, pet washing, and other outdoor hot water needs.



Figure 3: Detailed view of the intelligent control panel, showing the Season Control Center (Winter/Summer), Gas Control Center (Min/Max), and Water Control Center (Low/High) for adjusting temperature and water quantity.

Setup and Installation

This water heater is designed for outdoor use and must be installed vertically. Ensure proper ventilation and clearance from combustible materials.

1. **Mounting:** Securely mount the unit vertically using the integrated handle or mounting points. Refer to Figure 5 for dimensions and proper orientation.
2. **Gas Connection:** Connect the propane gas regulator to a standard propane tank and then to the gas inlet on the water heater. Ensure all connections are tight and leak-free.
3. **Water Inlet Connection:** Connect your cold water supply to the water inlet. The unit comes with adapters (1/2" Quick Connect and 3/4" Adapter) to facilitate connection to various water pipes.
4. **Water Outlet Connection:** Connect the shower hose and head to the water outlet.
5. **Battery Installation:** Install two D-cell batteries (not included) into the battery compartment for ignition.

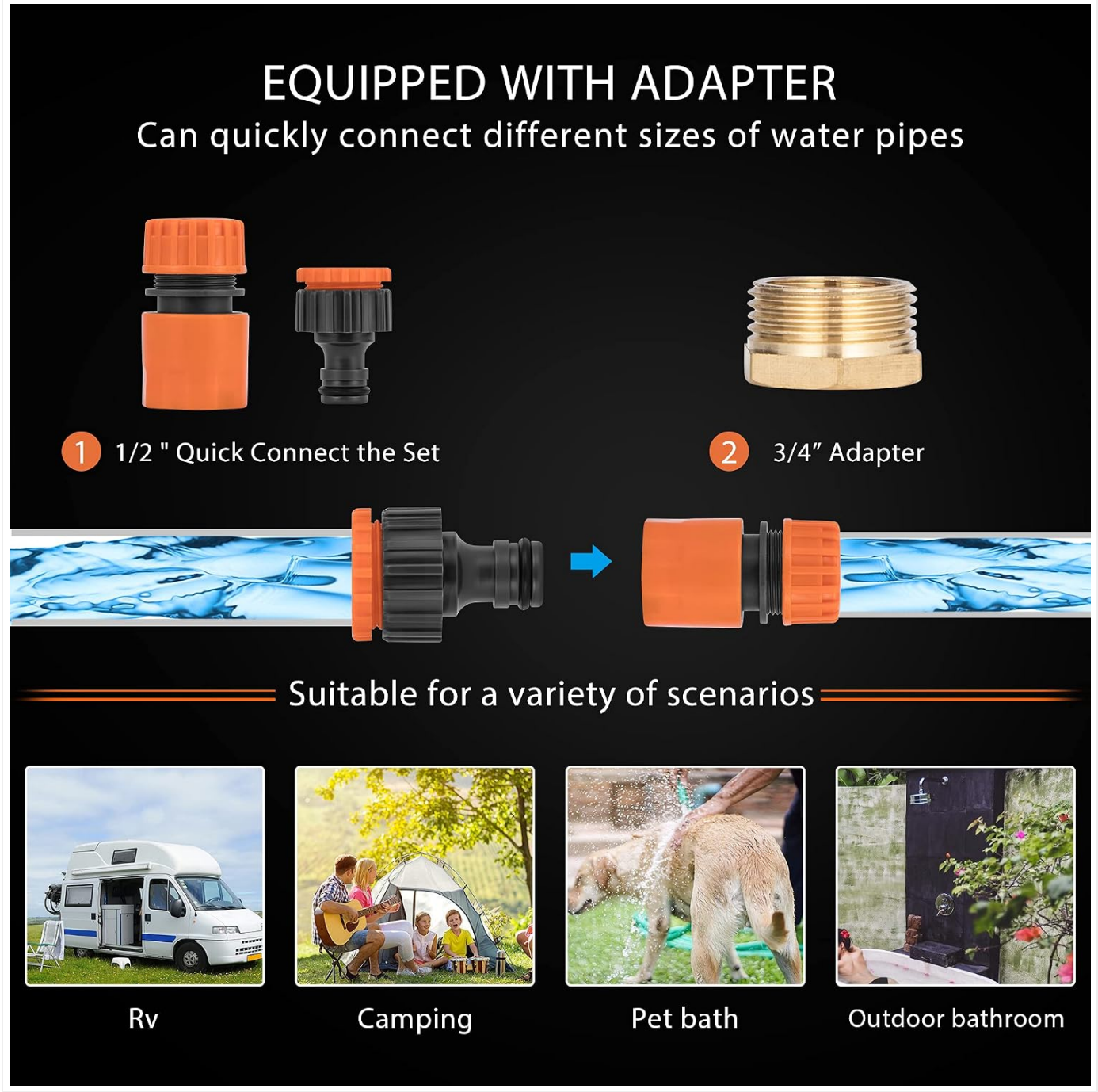


Figure 4: The water heater is equipped with adapters, including a 1/2" Quick Connect set and a 3/4" Adapter, allowing for quick connection to different sizes of water pipes.

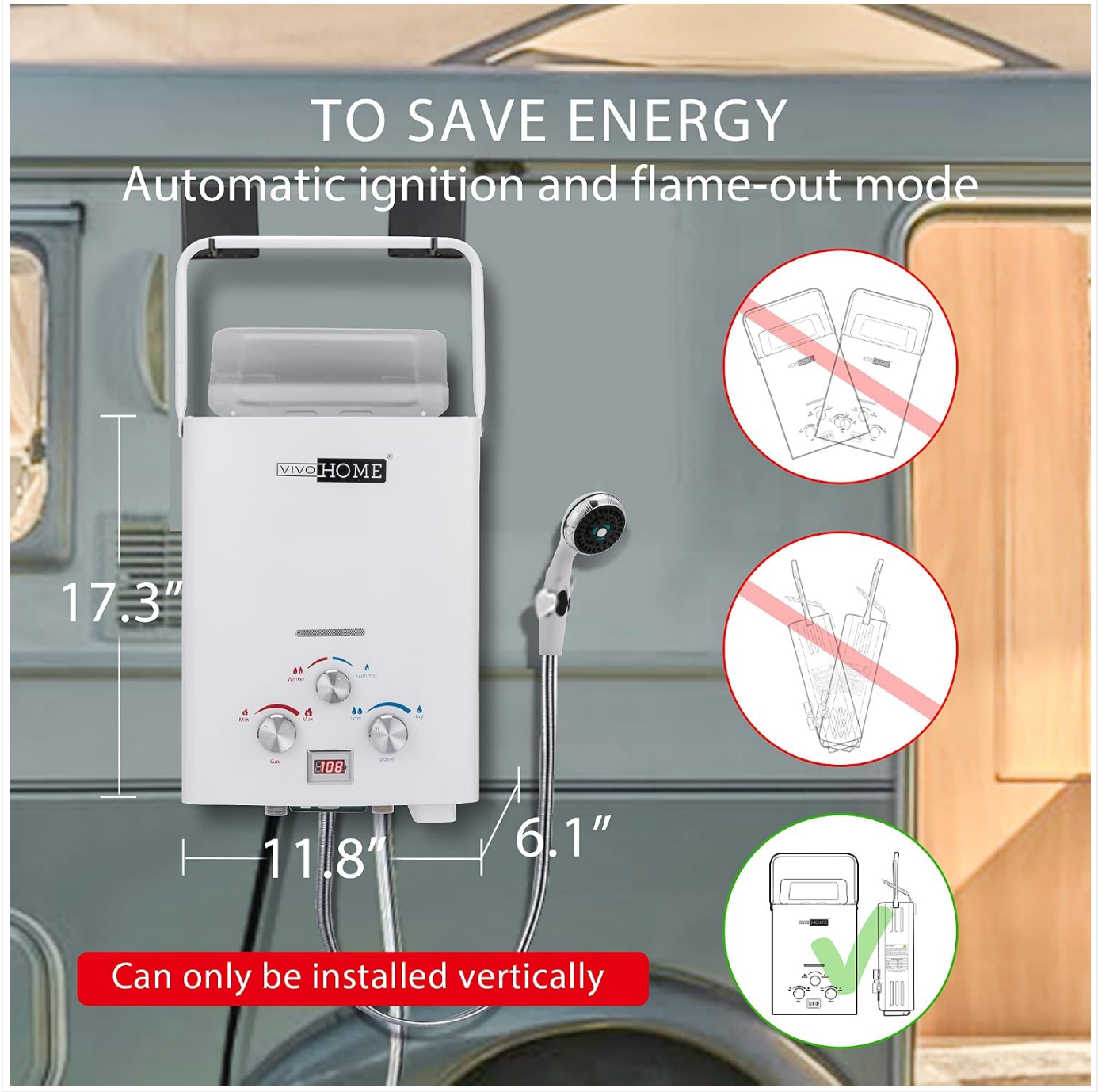


Figure 5: Product dimensions (17.3" H x 11.8" W x 6.1" D) and a clear indication that the unit must be installed vertically for proper operation and safety.

Operating Instructions

1. **Ensure Connections:** Verify all gas and water connections are secure and leak-free.
2. **Open Gas Supply:** Slowly open the valve on your propane tank.
3. **Open Water Supply:** Turn on the cold water supply to the unit. Ensure water pressure is within 3-145 PSI.
4. **Adjust Controls:**
    - Set the **Season Control Center** to "Winter" for higher temperatures or "Summer" for lower temperatures.
    - Adjust the **Gas Control Center** (Min/Max) to regulate the flame intensity.
    - Adjust the **Water Control Center** (Low/High) to regulate water flow. Lower flow generally results in hotter water.
5. **Initiate Hot Water:** Open the hot water faucet or shower head. The unit will automatically ignite, and the digital

display will show the water temperature.

6. **Shut Down:** To turn off, simply close the hot water faucet/shower head. The unit will automatically extinguish the flame. Close the propane tank valve when not in use for extended periods.



Figure 6: The VIVOHOME water heater provides instant hot water, demonstrated here during an outdoor pet washing activity. The flow rate is 6L/min (1.58 gallons per minute).

Maintenance

- **Regular Cleaning:** Periodically clean the exterior of the unit with a damp cloth. Do not use abrasive cleaners.
- **Check Connections:** Regularly inspect gas and water connections for any signs of leaks or wear.
- **Drainage (Winterization):** In freezing temperatures, ensure the unit is completely drained of water to prevent damage from freezing. Disconnect water lines and open drain valves.
- **Battery Replacement:** Replace D-cell batteries when the ignition becomes weak or fails.

Troubleshooting

Problem	Possible Cause	Solution
Unit does not ignite.	Low water pressure (below 3 PSI). No gas supply. Dead batteries.	Increase water pressure. Check propane tank and connections. Replace D-cell batteries.
Water is not hot enough.	Gas flow too low. Water flow too high. Season setting incorrect.	Increase gas control setting. Decrease water flow control setting. Set season control to "Winter" for hotter water.
Unit shuts off unexpectedly.	Overheating protection activated. Flameout protection activated. Low water flow.	Check water flow and temperature settings. Ensure stable gas supply. Verify adequate water pressure.

Specifications

Attribute	Detail
Model Number	VH732
Flow Rate	1.6 GPM (6 L/min)
Applicable Water Pressure	3 ~ 145 PSI
Power Source	Battery Powered (2 x D-cell, not included)
Dimensions (H x W x D)	17.3 x 11.8 x 6.1 inches (43.94 x 29.97 x 15.49 cm)
Weight	11 Pounds (4.99 kg)
Certifications	CSA Approved (meets US & Canadian standards)

Warranty and Support

For warranty information and technical support, please refer to the documentation included with your purchase or contact VIVOHOME customer service. Keep your proof of purchase for warranty claims.
For further assistance, please visit the official VIVOHOME website or contact their customer support channels.

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