CAMPLUX BW158G

CAMPLUX BW158G Portable Propane Tankless Water Heater User Manual

Model: BW158G | Brand: CAMPLUX

Introduction

Thank you for choosing the CAMPLUX BW158G Portable Propane Tankless Water Heater. This manual provides essential information for the safe and efficient operation, installation, maintenance, and troubleshooting of your water heater. Please read all instructions carefully before use and retain this manual for future reference.

Safety is paramount. Always follow local codes and regulations, and ensure proper ventilation when operating this appliance.

Product Overview

The CAMPLUX BW158G is a compact and efficient propane-powered tankless water heater designed for outdoor use, providing instant hot water for various applications.



Figure 1: CAMPLUX BW158G Portable Propane Tankless Water Heater with gas regulator and shower head.

Key Features:

- **Portable & Lightweight:** Weighing approximately 13 lbs with a foldable handle for easy transport and hanging.
- **Instant Hot Water:** Delivers 1.58 gallons per minute (GPM) with a maximum output of 41,000 BTU/hr.
- **Easy Installation:** Connects quickly to a water supply and a 20 lb propane tank.
- **Simple Temperature Control:** Features ECO & Full knobs and an LED temperature display for precise water temperature adjustment.
- **Low Water Pressure Start:** Operates with a minimum water pressure of 3.0 PSI, suitable for various outdoor settings.
- **6-in-1 Safety Protection:** Includes overheat protection, flame failure protection, anti-freezing protection, dry combustion protection, low water flow protection, and high water pressure protection.



Figure 2: Performance specifications including 1.58 GPM water flow, 41,000 BTU max heat output, 3.0-110 PSI water pressure, and 50°F-122°F temperature range.



Figure 3: Safety features such as overheat, flame failure, anti-freezing, dry combustion, low water flow, and high water pressure protection.

Setup

Follow these steps for proper installation of your CAMPLUX BW158G water heater:

1. **Hang the Water Heater:** Securely hang the water heater vertically in a well-ventilated outdoor area. Ensure it is stable and away from flammable materials.
2. **Connect Water Supply:** Connect your water supply hose to the water inlet (blue connector) and the shower kit to the water outlet (red connector) on the bottom of the unit. Ensure all connections are tight to prevent leaks.
3. **Connect Gas Supply:** Attach the provided CSA certified gas regulator hose to the gas inlet on the unit and then to a 20 lb propane tank. Check all gas connections for leaks using a soapy water solution. Bubbles indicate a leak.
4. **Install Batteries:** Open the battery compartment and insert two D-cell batteries, ensuring correct polarity. These

batteries power the electronic ignition.

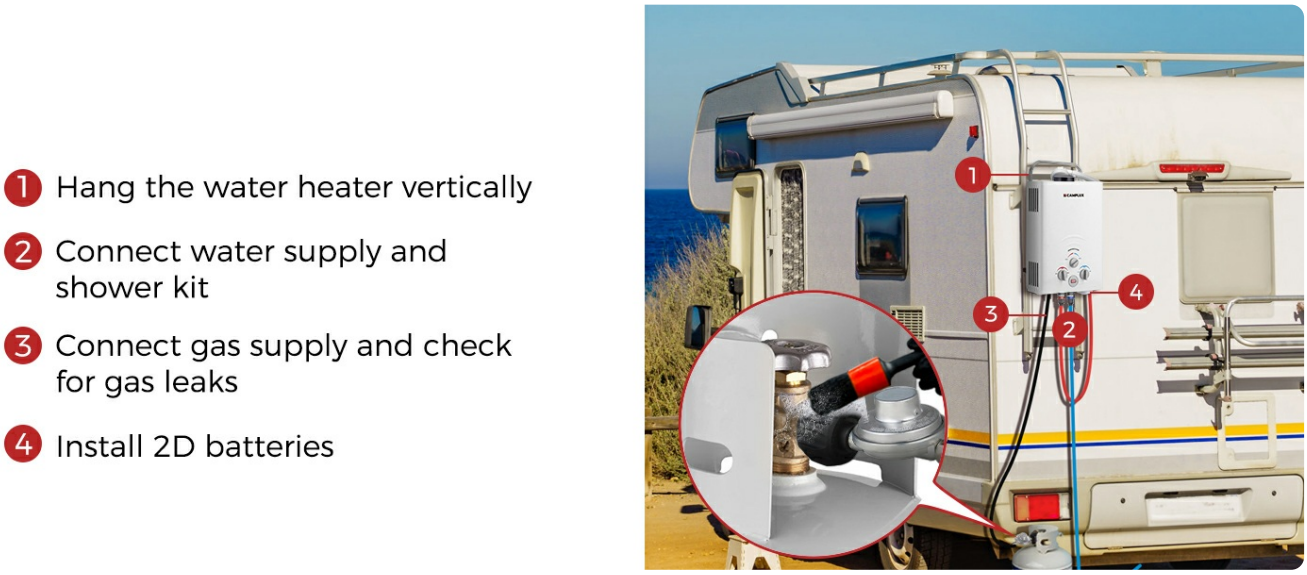


Figure 4: Visual guide for the four-step installation process: hanging, connecting water, connecting gas, and installing batteries.

Included Components:

- 1x Camplux BW158G Tankless Water Heater
- 1x 5 Feet CSA Certified Gas Regulator
- 1x 5 Feet On/Off Switch Shower Head
- 1x Instruction Manual
- 1x Installation Kits (screws, washers, etc.)

Setup Overview Video:

Video 1: An overview of the CAMPLUX BW Series Propane Tankless Water Heater, demonstrating its portability and quick connection features for outdoor use.

Operating Instructions

Once the unit is properly installed and connected, follow these steps to operate your water heater:

1. **Open Propane Tank Valve:** Slowly open the valve on your propane tank.
2. **Turn on Water Supply:** Ensure water is flowing through the unit. The water heater requires a minimum of 3.0 PSI to activate.
3. **Adjust Controls:** Use the control knobs on the front panel to set your desired water temperature and gas flow.
    - **Gas Control Knob:** Adjusts the flame intensity (Min to Max).
    - **Water Control Knob:** Adjusts the water flow rate (Min to Max).
    - **ECO & Full Knob:** Selects between energy-saving (ECO) and full power (Full) modes.
4. **Monitor Temperature:** The LED display will show the current water temperature.
5. **Shower Head Operation:** The included shower head typically has an on/off switch or multiple spray modes. Refer to the shower head's specific instructions for full functionality.



Figure 5: Detailed view of the control panel for adjusting gas, water flow, and selecting ECO/Full modes, with an LED temperature display.

Shower Head Modes Video:

Video 2: Demonstration of the different spray modes available on the CAMPLUX showerhead, including massage, rainfall, and jetting modes.

Maintenance

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

Winterization (Draining the Unit):

To prevent damage from freezing temperatures, it is crucial to properly drain the water heater after each use or before storing it in cold conditions. Failure to do so will void the warranty.

1. Turn off the gas supply at the propane tank.

2. Disconnect the water inlet and outlet hoses.
3. Locate the drain valve (usually a small knob or plug) at the bottom of the unit and open it to allow all water to drain out.
4. For thorough draining, you may use compressed air to blow out any remaining water from the system.
5. Once completely drained, close the drain valve and store the unit in a dry, protected area.

Anti-Freeze Tips Video:

Video 3: Important tips for preventing your CAMPLUX water heater from freezing, including proper draining procedures for storage.

Troubleshooting

If your water heater is not functioning as expected, refer to the common issues and solutions below. For persistent problems, contact customer support.

Issue: No Ignition (Blank Display)

If the unit does not ignite and the LED display remains blank, perform the following checks:

1. **Remove the Cover:** Carefully unscrew and remove the front cover of the unit to access internal components.
2. **Check the Micro Switch:** The micro switch is crucial for ignition. Observe if it opens when water flows. If it does not open or respond, it may need replacement.
3. **Check the Batteries:** Verify that the battery power is not low, the battery box is not damaged, and the batteries are inserted with correct polarity. Replace batteries if necessary.
4. **Check the Thermostat:** Inspect the thermostat for any loose wirings or signs of damage.
5. **Check All Wiring:** Examine all internal wiring connections for looseness or damage. Ensure all connections are secure.

If, after these checks, there are no abnormalities in the wiring or components, and the unit still fails to ignite, please contact customer service for assistance or to replace the ignition box.

No Ignition Troubleshooting Video:

Video 4: A detailed guide on troubleshooting a CAMPLUX portable water heater that experiences no ignition or a blank display, covering checks for the micro switch, batteries, and wiring.

Specifications

Feature	Detail
Brand	CAMPLUX ENJOY OUTDOOR LIFE
Product Dimensions	11.8"W x 17.3"H
Special Features	Anti-Freezing Protection, CSA Certified, LED Display, Overheat Protection, Portable

Feature	Detail
Color	Gray
Voltage	3 Volts (DC)
Maximum Temperature	167 Degrees Fahrenheit
Heat Output	41000 BTU per Hour
Efficiency	Energy-efficient
Style	1.58GPM 41,000BTU
Maximum Operating Pressure	110 Pound per Square Inch
Mounting Type	Wall
Is Electric	No
Manufacturer	CAMPLUX
Item Depth	10 inches
Item Weight	13.7 pounds
Item Model Number	BW158G
Batteries Required	2 D batteries (not included)
Installation Method	Wall-Mounted
Usage	Outside

Warranty & Support

Warranty Information:

This CAMPLUX BW158G Portable Propane Tankless Water Heater comes with a**1 Year Limited Warranty**. Please retain your proof of purchase for warranty claims.

Customer Support:

Should you have any questions, require assistance with product setup, operation, or troubleshooting, or need to make a warranty claim, please contact CAMPLUX customer support. Contact information can typically be found on the product packaging or through the retailer where the product was purchased (e.g., via Amazon).

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question

and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question