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› TOPWISH Portable Propane Tankless Water Heater 8L - User Manual

TOPWISH AWH-003-8L

TOPWISH Portable Propane Tankless Water Heater 8L

Model: AWH-003-8L

1. INTRODUCTION AND OVERVIEW

The TOPWISH 8L Portable Propane Tankless Water Heater is designed to provide instant hot water for various outdoor applications. Weighing approximately 14 lbs and delivering a water flow of 2.11 GPM, this unit offers rapid heating within 5 seconds. It is suitable for camping, RVs, cabins, and other outdoor activities where hot water is needed.

Key Features:

- **High Performance:** 54,500 BTU heating power with a water pressure range of 20–120 PSI.
- **Six-in-One Safety Protection:** Includes overheat protection, dry-burning prevention, flame fault detection, anti-blockage protection, low-flow water protection, and high-pressure protection.
- **Portability and Ease of Use:** Compact dimensions (20.47" H × 12.6" L × 6.3" W) for easy storage and transport. Powered by two D-size batteries for ignition. Features an LED temperature display and intuitive controls.

6-in-1 Safety Protection



Flame Failure Device



Anti-freezing Protection



Overheating Protection



Dry Combustion Protection



Low Water Flow Protection



High Water Pressure Protection

Topwish

Figure 1: Overview of the 6-in-1 safety protection features.



Figure 2: Core performance specifications including BTU, GPM, PSI, and maximum temperature.

2. SETUP INSTRUCTIONS

Follow these steps to set up your TOPWISH portable propane water heater. Ensure all connections are secure before operation.

2.1 Unboxing and Component Identification

Carefully remove all components from the packaging. Verify that all parts listed in the 'What You Get' section are present.

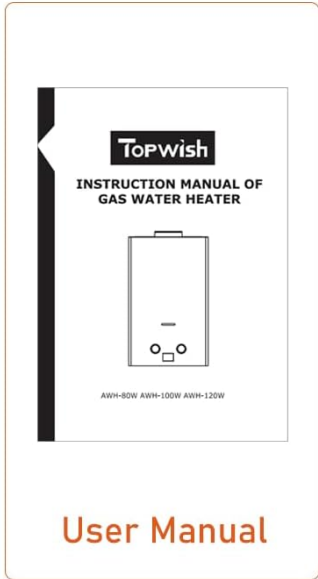


Figure 3: Included components for the water heater.

2.2 Mounting the Unit

The unit can be hung vertically using the integrated handle or mounted to a wall/caravan using appropriate hardware (included in installation kits).



Figure 4: Example of wall mounting for outdoor use.

2.3 Connecting Water and Gas

1. Connect the cold water inlet hose to the designated port on the unit.
2. Connect the shower head hose to the hot water outlet port.
3. Attach the gas pressure regulator assembly to the gas inlet port on the unit, then connect the other end to a propane tank. Ensure all connections are tight to prevent leaks.



Figure 5: Connection points for gas, water, and battery compartment.

2.4 Battery Installation

Open the battery compartment and insert two D-size batteries, ensuring correct polarity. These batteries power the ignition system.

2.5 Setup Video Guide

Video 1: Detailed guide on unboxing and connecting the TOPWISH Portable Propane Tankless Water Heater components.

3. OPERATING INSTRUCTIONS

Once the unit is properly set up, follow these steps to operate your water heater.

3.1 Powering On

Turn on the gas supply from your propane tank. Locate the ON/OFF switch on the unit and switch it to the 'ON'

position. The digital display will illuminate, showing the current water temperature.

3.2 Adjusting Temperature and Water Flow

Use the two control knobs on the front panel to adjust the gas flow (heat) and water flow. The left knob controls the gas, and the right knob controls the water. Adjust these to achieve your desired water temperature. The digital display will show the real-time temperature.



Figure 6: Front panel controls and digital display.

3.3 Shower Head Modes

The included shower head features three spray options: Mist, Shower, and Jet. Use the switch on the shower head to select your preferred mode.



Figure 7: Three adjustable shower head spray modes.

4. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your water heater.

- **Cleaning:** Periodically wipe the exterior of the unit with a damp cloth. Do not use abrasive cleaners.
- **Hose Inspection:** Before each use, inspect all hoses and connections for any signs of wear, cracks, or leaks. Replace damaged components immediately.
- **Battery Replacement:** Replace D-size batteries when the ignition becomes weak or fails.
- **Storage:** When not in use for extended periods, drain all water from the unit and store it in a dry, protected area.

5. TROUBLESHOOTING

If you encounter issues with your water heater, refer to the following common troubleshooting tips:

- **No Hot Water:** Check propane tank level, ensure gas valve is open, verify batteries are correctly installed and charged, check water flow rate.
- **Low Water Pressure:** Ensure water supply has adequate pressure (20-120 PSI), check for kinks in hoses, clean shower head if clogged.
- **Unit Not Igniting:** Confirm batteries are new and correctly inserted, check gas supply, ensure water is flowing through the unit.
- **Leakage:** Tighten all water and gas connections. If leakage persists, discontinue use and contact customer support.

For persistent issues or complex problems, please refer to the detailed troubleshooting section in the full user manual or contact TOPWISH customer support.

6. SPECIFICATIONS

| Feature | Specification |
|----------------------------|---|
| Brand | TOPWISH |
| Model Number | AWH-003-8L-White |
| Capacity | 8 Liters |
| Power Source | Liquid Propane |
| Product Dimensions (W x H) | 12"W x 20"H |
| Flow Rate | 2.11 Gallons Per Minute |
| Maximum Temperature | 75 Degrees Celsius (167°F) |
| Heat Output | 54,500 BTU per Hour |
| Maximum Pressure | 120 Pound per Square Inch |
| Mount Type | Wall |
| Material Type | Copper |
| Item Weight | 3.89 Kilograms (approx. 8.58 lbs) |
| Included Components | Water Outlet & Inlet Hose, Gas Pressure Regulator Assembly, Shower Head Assembly, Installation Kits |

7. WARRANTY AND SUPPORT

The TOPWISH Portable Propane Tankless Water Heater comes with a 1-year warranty. For any assistance, product inquiries, or warranty claims, please contact TOPWISH customer service. We are committed to ensuring product quality and your satisfaction.

For further information or to register your product, please visit the official TOPWISH store: [TOPWISH Store on Amazon](#).