

forimo Tankless Water Heater -06

forimo 18L Propane Tankless Water Heater

Model: Tankless Water Heater -06

Brand: forimo

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your forimo 18L Propane Tankless Water Heater. Please read all instructions carefully before installation and use. This appliance is designed to provide instant hot water for indoor applications, featuring a digital display and multiple safety protections.

2. SAFETY INFORMATION

Adherence to safety guidelines is critical to prevent injury and damage. This appliance must be installed by a qualified professional in accordance with all local codes and regulations.

- **Propane Gas Only:** This unit is designed exclusively for use with Propane (LPG) gas. Do not attempt to use it with natural gas or any other fuel type.
- **Ventilation:** Proper ventilation and a smoke exhaust pipe are mandatory for normal and safe operation. Ensure the exhaust pipe is correctly installed to vent gases outdoors.
- **Water Pressure:** Maintain a minimum water pressure of 3.6 PSI for optimal performance.
- **Anti-Freezing Protection:** In cold weather, if the water heater is not used for an extended period, open the pressure relief valve to drain residual water and prevent freezing damage.
- **Electrical Safety:** Ensure all electrical connections are properly grounded and meet local electrical codes.
- **Leakage Check:** After installation, check all gas and water connections for leaks using appropriate methods (e.g., soapy water for gas lines).
- **Children and Pets:** Keep children and pets away from the appliance during operation.

3. PRODUCT SPECIFICATIONS

Specification	Detail
Brand	forimo
Model Number	Tankless Water Heater -06
Product Dimensions (W x H x D)	14.37" x 25.39" x 4.72"
Item Weight	22.6 pounds
Color	Black
Fuel Type	Propane (LPG)
Maximum Flow Rate	4.74 Gallons Per Minute (18L)
Heat Output	68000 BTU/hour (199840 Watts)
Maximum Temperature	167°F (75°C)
Temperature Control Range	86°F - 167°F
Minimum Water Pressure	3.6 PSI
Mounting Type	Wall Mount
Special Features	Multi-Protection (Flame Failure, Anti-Freezing, Over Heating, Leakage, Overpressure, Short Circuit, Corrosion)
Included Components	Tankless Water Heater, 2.5" Horizontal Vent Pipe
UPC	717012462794

PRODUCT SPECIFICATIONS

• Dimension: Length×Width×High: 14.37×4.72×25.39inch



Figure 1: Product dimensions and key features including the LED digital display and connection points.

4. SETUP AND INSTALLATION

This section outlines the general steps for installing your tankless water heater. Professional installation is highly recommended.

4.1 Unpacking and Inspection

- Carefully remove the water heater from its packaging.
- Inspect the unit for any signs of damage during transit. Contact your supplier immediately if damage is found.
- Verify all included components are present: Tankless Water Heater unit, 2.5" horizontal vent pipe.

4.2 Location Requirements

- Install indoors in a location protected from freezing temperatures.
- Ensure adequate clearance around the unit for maintenance and ventilation.
- The mounting surface must be capable of supporting the weight of the unit when filled with water.

4.3 Mounting the Unit

- Securely mount the water heater to a wall using appropriate fasteners.
- Ensure the unit is level.

4.4 Water Connections

- Connect the cold water inlet to the unit's 1/2" NPT water inlet.
- Connect the hot water outlet to the unit's 1/2" NPT water outlet.
- *Important:* If hot and cold water pipes are reversed, the water heater will not function correctly. Verify connections by turning on a tap and observing water flow.

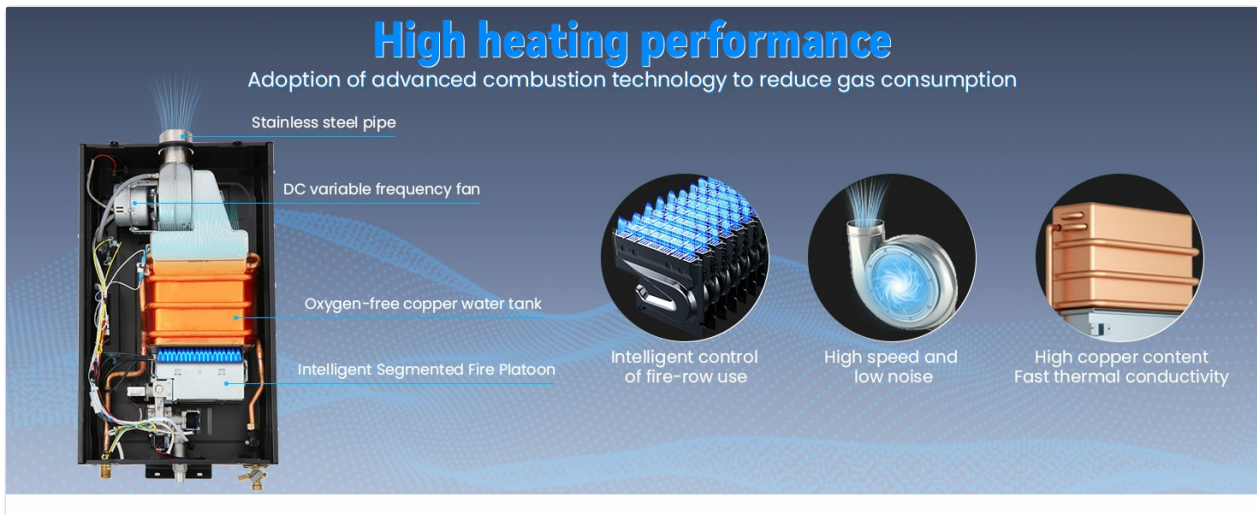


Figure 2: Schematic of water inlet (cold), water outlet (hot), and gas inlet connections.

4.5 Gas Connection

- Connect the propane gas supply to the unit's 1/2" NPT gas inlet.
- Ensure all gas connections are tight and leak-free. Use a gas leak detector or soapy water solution to check for leaks.

4.6 Exhaust Pipe Installation

- Install the provided 2.5" (Φ60mm) horizontal vent pipe to the top of the unit.
- Ensure the exhaust pipe is properly sealed and vents combustion gases safely to the outdoors.

LED DISPLAY

Trendy design with unique black glassy front pane

LED touch screen

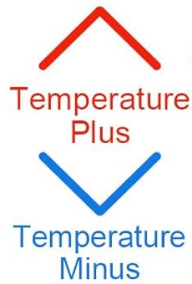
Easy to control the water temperature



At regular timemain switch



Can adjust different temperature



Water Control Center

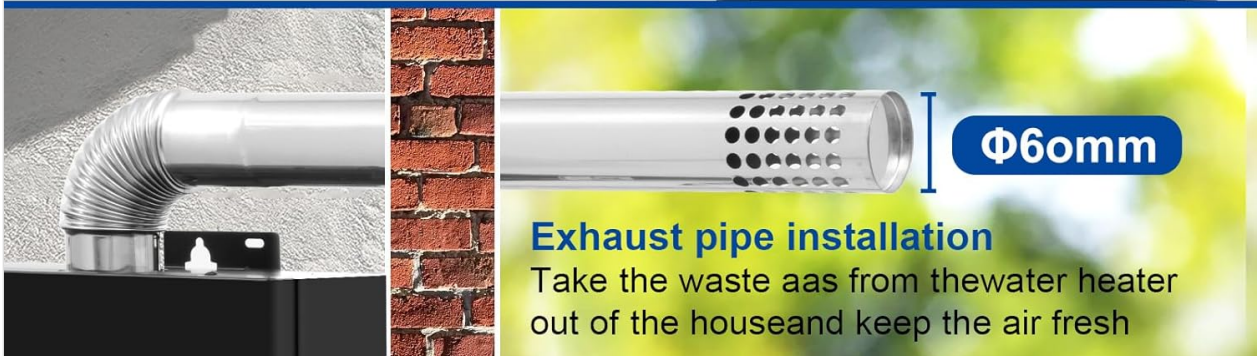


Figure 3: Details of the LED display controls and the exhaust pipe installation process.

5. OPERATING INSTRUCTIONS

Your forimo tankless water heater is designed for user-friendly operation with its digital display.

5.1 Initial Startup

- Ensure all water and gas connections are secure and leak-free.
- Open the main gas supply valve.
- Open a hot water tap in your home to allow water to flow through the unit. The water heater will detect the flow and initiate the heating process.

5.2 Digital Display and Temperature Control

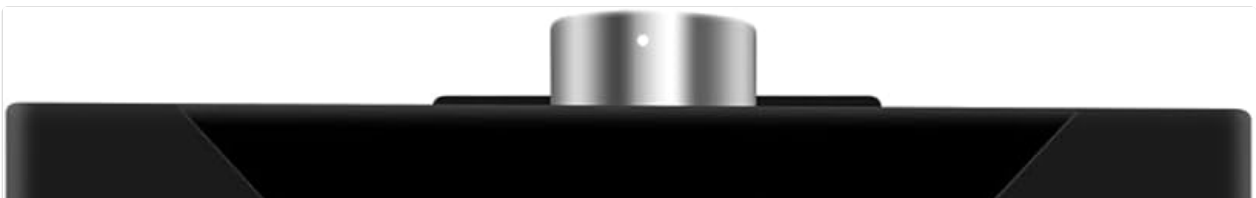




Figure 4: Front view of the water heater, highlighting the digital display and control buttons.

- The LED digital display shows the current outlet water temperature in Fahrenheit.
- Use the **Temperature Plus (+)** and **Temperature Minus (-)** buttons to adjust the desired water temperature between 86°F and 167°F.
- The display also indicates operational status such as flame, fan, and battery level.

5.3 Summer/Winter Modes

The unit features Summer and Winter modes to optimize energy efficiency based on ambient temperature. Refer to the display or specific controls for switching between these modes to save on propane gas costs.

EXCELLENT ENERGY EFFICIENCY

The hot water heater adjusts power input based on flow rate and temp setting in real time



Energy and Money Saving

Summer/Winter 2 modes to save up to 60% on your propane gas costs



winter



Summer

Figure 5: Visual representation of the water heater's energy efficiency and seasonal operation modes.

5.4 Multi-Protection Features

The water heater is equipped with several safety features:

- **Flame Failure Protection:** Automatically shuts off gas supply if the flame extinguishes.
- **Anti-Freezing Protection:** Prevents damage from freezing temperatures (requires proper draining in cold weather).

- **Over Heating Protection:** Shuts off the unit if water temperature exceeds safe limits.
- **Leakage Protection:** Detects and responds to water or gas leaks.
- **Overpressure Protection:** Manages internal pressure to prevent damage.
- **Short Circuit Protection:** Safeguards electrical components.
- **Corrosion Resistance:** Constructed with stainless steel and an oxygen-free copper tank for durability.

MULTIPLE SECURITY PROTECTION

Have very long service life, good durability and corrosion resistance

 **Dry Burning Protection**

Over 65°C (**167°F**) protection

 Good Durability

 Corrosion Resistance

 **Overheating Protection**



 **Anti-Freeze Protection**

 Flame-Out Protection

 Leakage protection

Figure 6: Overview of the various safety and protection mechanisms integrated into the water heater.

6. MAINTENANCE

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

- **Annual Inspection:** It is recommended to have the unit inspected annually by a qualified technician.
- **Draining in Cold Weather:** If the unit will not be used for an extended period in freezing conditions, ensure it is completely drained by opening the pressure relief valve. This prevents damage from ice expansion.
- **Vent Pipe Check:** Periodically inspect the exhaust pipe for obstructions, damage, or leaks. Ensure it is securely connected and venting properly.

- **Cleaning:** Keep the exterior of the unit clean and free from dust and debris. Do not use abrasive cleaners.
- **Water Quality:** Consider installing a pre-filter if your water supply has high sediment content to protect the internal components.

7. TROUBLESHOOTING

This section provides solutions to common issues. For problems not listed here, contact customer support.

Problem	Possible Cause	Solution
No hot water / Unit not igniting	No gas supply, low water pressure, reversed water connections, flame failure sensor issue.	Check propane tank and gas valve. Ensure water pressure is above 3.6 PSI. Verify hot/cold water connections. Consult a technician if flame sensor is suspected.
Water not hot enough	Temperature setting too low, insufficient gas flow, high incoming water temperature, multiple hot water points active.	Increase temperature setting on the digital display. Ensure adequate gas supply. Reduce simultaneous hot water usage.
Unit cycles on and off frequently	Low water flow, air in water lines, sediment buildup.	Ensure consistent water flow. Bleed air from water lines. Consider professional descaling if sediment is suspected.
Error code on display	Specific fault detected by the unit.	Refer to the specific error code in the full product manual (if available) or contact customer support with the code.

8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or contact forimo customer service directly. Keep your purchase receipt as proof of purchase.

- **Customer Service:** Refer to the contact information provided in your product packaging or on the official forimo website.
- **Proof of Purchase:** Retain your original sales receipt for warranty claims.