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GASLAND CE686LP

GASLAND Gasmart E CE686LP Propane Tankless Water Heater Instruction Manual

Model: CE686LP | Brand: GASLAND

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your GASLAND Gasmart E CE686LP Propane Tankless Gas Water Heater. Please read all instructions thoroughly before installation and use. Retain this manual for future reference.

The GASLAND Gasmart E is designed to provide continuous hot water on demand, offering energy efficiency and a space-saving design. It is CSA certified for indoor residential whole-house installations.

2. IMPORTANT SAFETY INFORMATION

WARNING: Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury, or death. Read the installation, operating, and maintenance instructions thoroughly before installing or servicing this equipment.

- Ensure proper ventilation for gas appliances.
- Do not store flammable materials near the water heater.
- Always shut off gas and water supply before performing any maintenance or service.
- Installation must comply with local codes and regulations. Professional installation is highly recommended.
- This appliance is equipped with multiple safety features including anti-freezing protection, dry combustion protection, flame failure protection, and high water pressure protection.

3. PRODUCT OVERVIEW

The GASLAND Gasmart E tankless water heater provides efficient and continuous hot water. Its compact design

allows for flexible installation in various indoor spaces.

Key Features:

- **Unlimited Hot Water:** Provides continuous hot water without interruption.
- **Energy Efficient:** UEF of 0.8, reducing energy consumption and NOx emissions.
- **Space-Saving Design:** Compact, wall-mounted unit.
- **Durable:** Built with iron and copper components for longevity.
- **Advanced Safety:** Includes anti-freezing, dry combustion, flame failure, and high water pressure protection.

Components and Dimensions:

The unit includes the gas tankless water heater, adaptor, fixing kits, and this manual. Key dimensions are 14.25 inches (W) x 24.69 inches (H) x 7.28 inches (D).

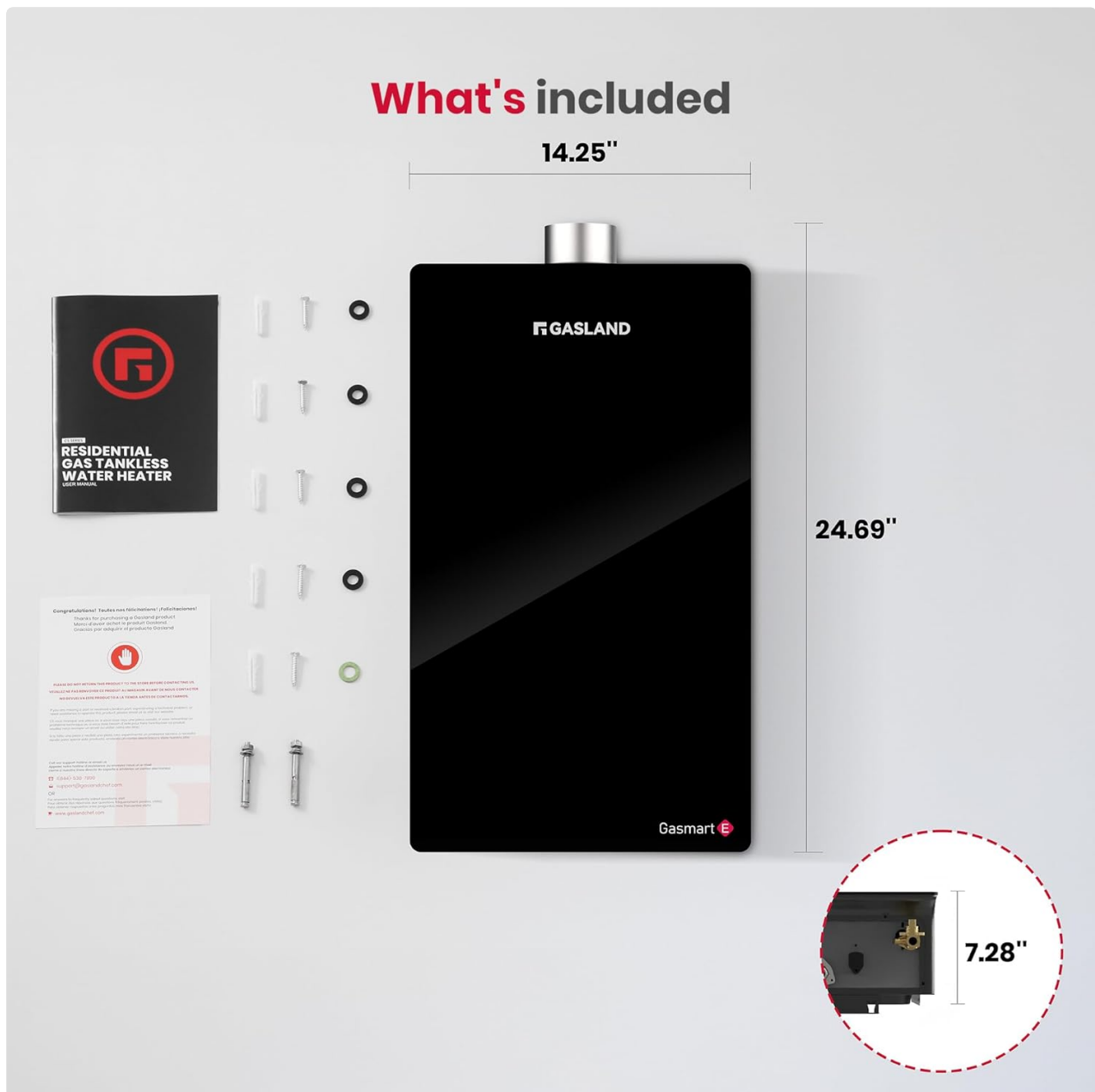


Figure 1: GASLAND Gasmart E Tankless Water Heater with included components and dimensions. The image shows the black tankless unit alongside its installation accessories and a diagram indicating its width (14.25"), height (24.69"), and depth (7.28").



Figure 2: An illustrative diagram showcasing the GASLAND Gasmart E tankless water heater installed in different areas of a multi-story home, including the bathroom, laundry room, and kitchen sink, highlighting its whole-house application.

4. SETUP & INSTALLATION

Proper installation is crucial for the safe and efficient operation of your tankless water heater. It is strongly recommended that installation be performed by a qualified professional.

Installation Steps Overview:

1. **Mounting:** Securely mount the unit to a wall using the provided fixing kits. Ensure the mounting surface can support the unit's weight (37.5 lbs).
2. **Water Connections:** Connect the cold water inlet and hot water outlet. Ensure all connections are watertight.
3. **Gas Connection:** Connect the liquid propane (LP) gas supply line. A sediment trap should be installed on the gas line to prevent debris from entering the appliance.
4. **Ventilation:** Install appropriate venting to safely exhaust combustion byproducts to the outside.
5. **Electrical Connection:** Plug the unit into a 120 Volt electrical outlet.

Detailed Connection Points:

The bottom of the unit features clearly labeled connection points for water output, gas input, and water input. These connections are designed for ease of use, but proper sealing and adherence to plumbing codes are essential.



Figure 3: The GASLAND Gasmart E tankless water heater is shown wall-mounted in a modern bathroom setting, demonstrating its sleek appearance and space-saving installation.

Video 1: This video provides a detailed overview of the GASLAND Gasmart E Gas Water Heater, covering its features and installation process. It demonstrates how to connect the water and gas lines, emphasizing the importance of proper fittings and safety measures like sediment traps. The video also shows the unit's compact size and digital interface.

5. OPERATING INSTRUCTIONS

Your GASLAND Gasmart E water heater features an intuitive digital display for easy temperature control and monitoring.

Initial Startup:

1. Ensure all water and gas connections are secure and leak-free.
2. Open the main water supply valve to the unit.
3. Open the gas supply valve to the unit.
4. Plug the unit into a grounded 120V electrical outlet.
5. Open a hot water faucet in your home to allow water to flow through the unit. The unit will detect water flow and begin heating.

Adjusting Temperature:

Use the touch controls on the front panel to adjust the desired water temperature. The display shows the current temperature in Fahrenheit. You can set the temperature between 95°F and 140°F.



Figure 4: A close-up view of the GASLAND Gasmart E's digital display, showing a temperature setting of 107°F. The touch controls for adjusting temperature and power are visible.

Video 2: This video demonstrates the basic operation of a household gas water heater, including how to power it on, adjust temperature settings using the digital display, and observe the heating process. It highlights the instant hot water delivery feature.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your water heater. Always disconnect power, shut off gas, and close water valves before performing maintenance.

General Care:

- Keep the area around the water heater clear of obstructions and flammable materials.
- Wipe the exterior with a soft, damp cloth. Do not use abrasive cleaners.

Annual Inspection:

- Inspect the gas line and connections for any signs of leaks.
- Check water connections for leaks.
- Ensure the ventilation system is clear and unobstructed.
- Consider professional servicing to flush the heat exchanger and check internal components.

7. TROUBLESHOOTING

If your water heater is not functioning correctly, refer to the integrated error code indicator on the display for diagnostic information. Common issues and their potential solutions are listed below:

- **No Hot Water:** Check gas supply, water flow, and electrical connection. Ensure the unit is powered on.
- **Inconsistent Temperature:** Verify water pressure and flow rate. Ensure the temperature setting is appropriate.
- **Error Codes:** Consult the full user manual for a complete list of error codes and their corresponding troubleshooting steps.

For persistent issues, contact GASLAND customer support or a qualified service technician.

8. SPECIFICATIONS

Feature	Specification
Brand	GASLAND

Feature	Specification
Model Number	CE686LP
Power Source	Liquid Propane
Heat Output	199,000 British Thermal Units
Flow Rate	7.6 Gallons Per Minute
Maximum Temperature	140 Degrees Fahrenheit
Efficiency (UEF)	0.8
Voltage	120 Volts
Wattage	52 KW
Product Dimensions (W x H x D)	14.25" x 24.69" x 7.28"
Item Weight	37.5 Pounds
Mount Type	Wall
Material	Iron, copper
Special Features	Anti-Freezing Protection, Dry Combustion Protection, Flame Failure Protection, High Water Pressure Protection, Integrated Error Code Indicator

9. WARRANTY & SUPPORT

GASLAND stands behind its products with a comprehensive warranty. If your water heater stops working within one year of purchase, it will be replaced for free.

For customer support, questions, or warranty claims, please contact our dedicated U.S.-based customer support team. Refer to the contact information provided in your product packaging or on the official GASLAND website.