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> Marey Gas Tankless Water Heater - 16L 4.2 GPM Liquid Propane Water Heaters for Outdoor Use with LED Display - Off Grid Water Heater, 19.3"W x 28"H, Silver

MAREY GA16OLPDP

Marey Gas Tankless Water Heater - 16L 4.2 GPM

Model: GA16OLPDP

1. PRODUCT OVERVIEW

The Marey 16L gas tankless water heater is designed for outdoor use, offering a compact and efficient solution for on-demand hot water. This unit operates without electricity, igniting with 2 D batteries, making it suitable for off-grid areas, campsites, cabins, and other locations where electrical power is unavailable.

It provides endless hot water without compromising on space or efficiency and includes essential accessories for immediate use.

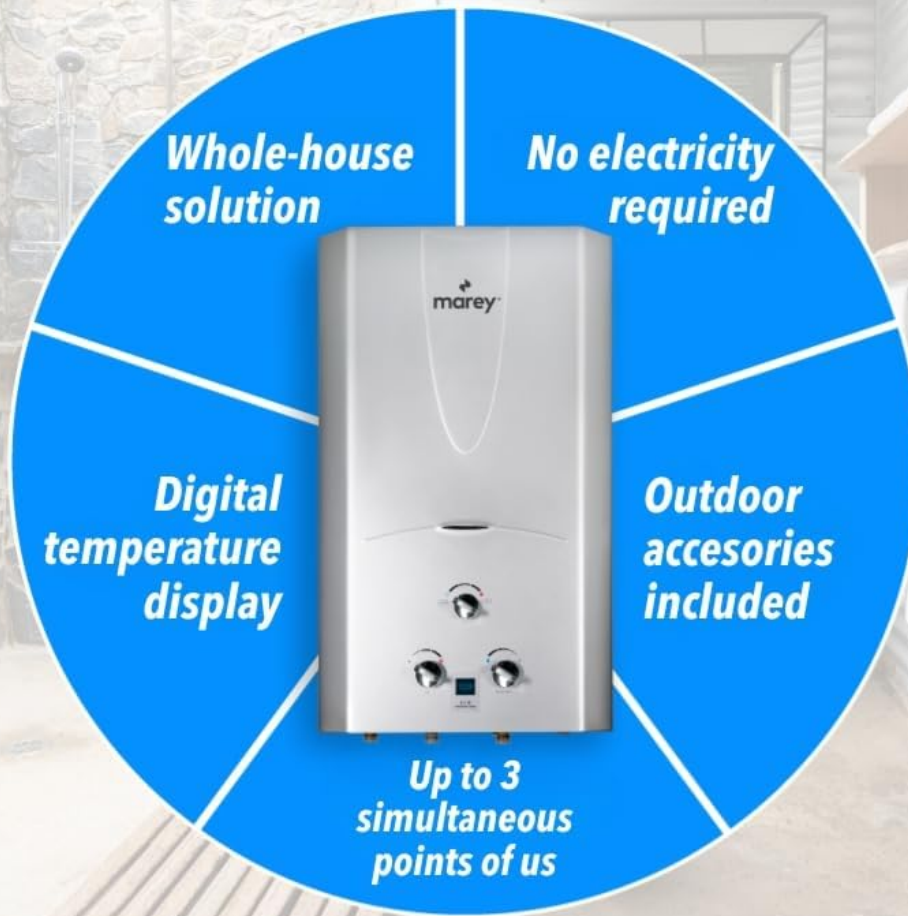
Key Features:

- **Battery Ignition:** Operates with 2 D batteries, eliminating the need for an electrical connection.
- **Included Accessories:** Comes with a CSA certified LP gas regulator, hose, and a portable outdoor shower.
- **Efficient Heating:** Delivers 109,000 BTU for effective outdoor water heating.
- **Space-Saving Design:** Wall-mounted design for outdoor setup, saving indoor space.
- **Digital Display:** Features an LED digital display to show the output water temperature.
- **Multiple Safety Features:** Includes auto cut-off, automatic ignition, anti-dry combustion, over-pressure relief, overheating, and flame-out protection.



Image 1.1: Front view of the Marey 16L Gas Tankless Water Heater, showcasing the main unit along with the included shower head and gas regulator hose.

MULTIPLE FEATURES



GA16ONGLP / GA16OLPDP



Image 1.2: An infographic highlighting multiple features including whole-house solution, no electricity required, outdoor accessories included, up to 3 simultaneous points of use, and digital temperature display.

VERSATILE USE



Camping



Cabin



Outdoor Shower



Food Truck



RV's



Tiny Home



Image 1.3: An infographic illustrating the versatile uses of the Marey 16L Gas Tankless Water Heater, including camping, cabins, outdoor showers, food trucks, RVs, and tiny homes.

2. SAFETY INFORMATION

Adherence to safety guidelines is crucial for the proper and safe operation of your Marey tankless water heater. Please read all instructions before installation and use.

- **Professional Installation:** Installation should be performed by a qualified professional to ensure safety and compliance with all local building and plumbing codes.
- **Outdoor Use Only:** This unit is designed for temporary outdoor use. It must be protected from rain and wind. Do not install permanently outdoors without adequate protection, as it does not have freeze protection.
- **Altitude Limitations:** Not recommended for elevations above 2,000 ft.
- **Gas Regulator:** Always use the CSA certified LP gas regulator and hose provided with the unit.
- **Integrated Safety Features:** The unit is equipped with multiple safety mechanisms including auto cut-off, automatic ignition, anti-dry combustion, over-pressure relief, overheating protection, and flame-out protection.

- **Ventilation:** Ensure proper ventilation as specified in the installation instructions.

3. SETUP AND INSTALLATION

Proper setup is essential for the functionality and safety of your tankless water heater. While the unit is designed for ease of use, professional installation is strongly recommended.

3.1 Unpacking and Inspection

Carefully remove all components from the packaging. Inspect the unit and all accessories for any signs of damage. Report any damage to the retailer immediately.

3.2 Choosing a Location

Select an outdoor location that is protected from direct rain and strong winds. The unit should be mounted vertically on a stable surface, such as a wall, using appropriate mounting hardware (not included unless specified). Ensure adequate clearance around the unit for ventilation and maintenance access.



Image 3.1: A diagram illustrating the dimensions of the Marey 16L Gas Tankless Water Heater, showing a height of 28 inches and a width of 16.5 inches.

3.3 Battery Installation

The unit requires 2 D batteries for ignition. Locate the battery compartment, typically at the bottom or side of the unit, and insert the batteries according to the polarity indicators.

3.4 Gas and Water Connections

- **Gas Connection:** Connect the provided CSA certified LP gas regulator and hose to the gas inlet on the water heater and to your liquid propane tank. Ensure all connections are tight and leak-free.
- **Water Inlet/Outlet:** Connect the cold water supply to the water inlet and the hot water outlet to your desired fixture (e.g., the portable shower head). Ensure proper sealing to prevent leaks.



Image 3.2: An illustration detailing the Marey 16L Gas Tankless Water Heater, highlighting its dimensions (16.5" x 28" x 8.1") and weight (29.8 lbs), along with the included shower head and CSA approved 6ft gas hose and regulator.

4. OPERATING INSTRUCTIONS

Once properly installed and connected, operating your Marey tankless water heater is straightforward.

4.1 Initial Startup

1. Ensure the gas supply is open at the propane tank.
2. Open a hot water faucet or activate the portable shower. The unit will detect water flow.
3. The battery ignition system will automatically ignite the burner. You should hear a clicking sound followed by the sound of the burner igniting.
4. The LED digital display on the front of the unit will show the output water temperature.

4.2 Adjusting Water Temperature

The unit typically features control knobs on the front panel to adjust gas flow and water flow, which in turn control the output water temperature. Refer to the markings on the knobs for specific adjustments. Adjusting the water flow can also affect the temperature; lower flow rates generally result in higher temperatures.



Image 4.1: A direct front view of the Marey 16L Gas Tankless Water Heater, highlighting its control knobs for gas and water flow, and the central LED digital temperature display.

4.3 Shutting Down

To turn off the unit, simply close the hot water faucet or turn off the portable shower. The unit will automatically cease operation. For extended periods of non-use, it is recommended to close the gas supply valve at the propane tank.

5. MAINTENANCE

Regular maintenance helps ensure the longevity and efficient operation of your Marey tankless water heater.

- **Protection from Elements:** As an outdoor unit, ensure it is consistently protected from rain, snow, and strong winds. Consider a protective cover when not in use or during adverse weather conditions.
- **Battery Replacement:** Replace the 2 D batteries when the ignition becomes weak or fails to ignite the burner.
- **Gas Line Inspection:** Periodically check the gas hose and regulator for any signs of wear, cracks, or leaks. Replace if necessary.
- **Cleaning:** Keep the exterior of the unit clean. Avoid using abrasive cleaners.
- **Winterization:** If operating in freezing temperatures, ensure the unit is properly drained to prevent freeze damage, as it does not have built-in freeze protection. Consult a professional for proper winterization procedures if needed.

6. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your tankless water heater.

Problem	Possible Cause	Solution
No hot water / Unit not igniting	No gas supply Dead batteries Insufficient water flow Gas regulator issue	Ensure propane tank valve is open and tank has gas. Replace 2 D batteries. Ensure water pressure and flow rate are adequate (minimum 0.5 GPM). Check gas regulator and hose for damage or proper connection.
Water not hot enough	Water flow too high Gas flow too low Low ambient water temperature	Reduce water flow using the control knob or faucet. Increase gas flow using the control knob. Consider pre-heating incoming water if possible in very cold conditions.
Unit cycles on and off rapidly	Insufficient water flow Overheating protection activated	Ensure consistent water flow. Check for kinks in hoses or blockages. Allow unit to cool if it has been running for an extended period at high temperature.

If problems persist after attempting these solutions, please contact Marey customer support or a qualified professional.

7. SPECIFICATIONS

Detailed technical specifications for the Marey 16L Gas Tankless Water Heater (Model: GA16OLPDP).

Specification	Value
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Specification	Value
Brand	MAREY
Model Number	GA16OLPDP
Product Dimensions	16.5"W x 28"H x 8.2"D
Item Weight	29.8 pounds
Color	Silver
Maximum Flow Rate	4.2 Gallons Per Minute
Maximum Temperature	151 Degrees Fahrenheit
Heat Output	109,000 BTU
Efficiency	High
Style	Portable, Outdoor
Maximum Operating Pressure	145 Pound per Square Inch
Mounting Type	Wall
Is Electric	No
Certification	CSA
Batteries Required	Yes (2 D batteries)
Included Components	1 unit of GA16OLPDP, CSA Certified gas regulator and hose, portable shower head

GA16OLPDP/ONGDP

16L Gas Tankless Water Heater



Must be installed by a professional plumber or electrician to ensure safety and quality.



Image 7.1: An infographic summarizing key specifications: 16 liters capacity, 4.2 GPM flow rate, no electricity required, pressure activated, suitable for multiple points of use, and a note emphasizing professional installation for safety and quality.

8. WARRANTY AND SUPPORT

Your Marey 16L Gas Tankless Water Heater is backed by a manufacturer's warranty.

- **Warranty:** This product comes with a 5-year limited warranty from the manufacturer. Please retain your proof of purchase for warranty claims.
- **Customer Support:** For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Marey customer support. Refer to the product packaging or Marey's official website for contact information.

