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› GUTSTARK 6L LP Gas Instant Water Heater Instruction Manual

GUTSTARK 6L

GUTSTARK 6L LP Gas Instant Water Heater

Instruction Manual

1. INTRODUCTION

Thank you for choosing the GUTSTARK 6L LP Gas Instant Water Heater. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new water heater. Please read this manual thoroughly before installation and use, and keep it for future reference.

This instant water heater is designed to provide hot water for a single service point, such as one shower or two sinks simultaneously, with a flow rate of up to 6 liters per minute. It features manual temperature control and operates without a pilot light.

2. 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.

- This appliance uses LP gas. Ensure proper ventilation and gas connections are made by a qualified professional.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- The water heater is equipped with safety features including anti-flame protection, incomplete combustion protection, and over-temperature protection due to water overflow. Do not bypass or modify these safety systems.
- Regularly check for gas leaks using a soapy water solution on connections. Never use an open flame.
- Ensure the exhaust flue is clear and unobstructed to prevent carbon monoxide buildup.
- Keep children and pets away from the appliance during operation.

3. PRODUCT OVERVIEW AND COMPONENTS

Familiarize yourself with the main components of your GUTSTARK instant water heater.



Figure 1: Front view with labeled controls and smoke collector. The unit features a smoke collector at the top, a flame adjuster knob, a water flow adjuster knob, and a digital temperature indicator.

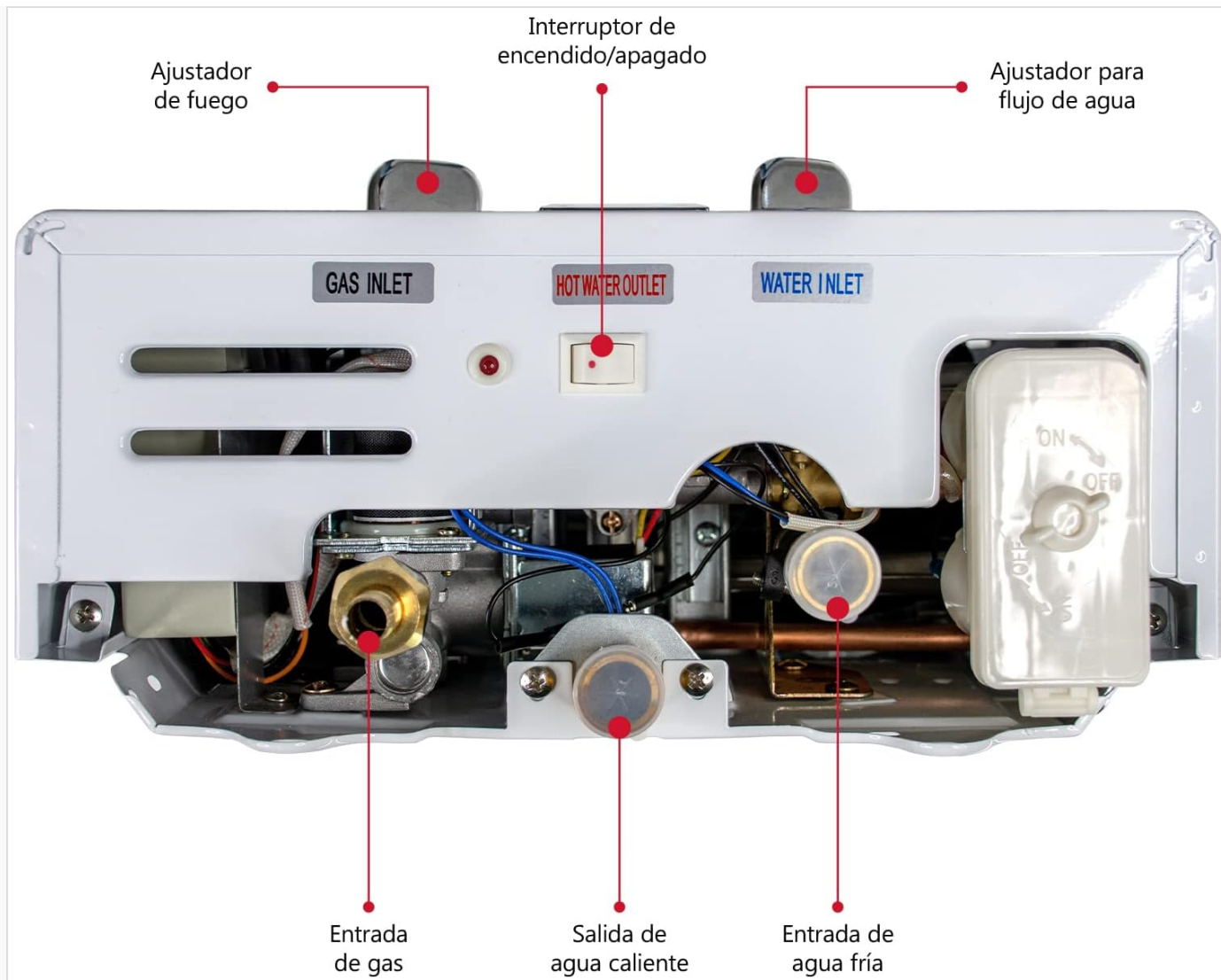


Figure 2: Bottom connections and internal components. From left to right: Gas Inlet, Hot Water Outlet, On/Off Switch, Cold Water Inlet.



Figure 3: Top view showing the smoke collector outlet.

4. INSTALLATION

Installation of this LP gas water heater must be performed by a certified professional in accordance with local codes and regulations.

4.1 Site Selection

- Install indoors or in a sheltered outdoor area, protected from direct weather exposure.
- Ensure adequate ventilation as required for gas appliances.
- Mount on a sturdy wall capable of supporting the unit's weight.
- Maintain proper clearances from combustible materials.

4.2 Connections

- **Gas Connection:** Connect to an LP gas supply. Use appropriate gas lines and fittings. Ensure all gas connections are leak-tested.
- **Water Connections:** Connect the cold water inlet and hot water outlet using suitable plumbing. Ensure water pressure meets specifications (0.015 to 0.5 bar).
- **Exhaust Vent:** Install an appropriate exhaust system to safely vent combustion byproducts outdoors.



Figure 4: Example of an outdoor installation (sheltered) with technical data.

5. OPERATING INSTRUCTIONS

The GUTSTARK instant water heater is designed for ease of use with manual controls.

5.1 Initial Startup

1. Ensure all gas and water connections are secure and leak-free.
2. Open the main gas supply valve.
3. Turn on the water supply to the heater.
4. Flip the On/Off switch (located at the bottom, see Figure 2) to the 'On' position.
5. Open a hot water faucet. The heater will automatically ignite and begin heating water.

5.2 Adjusting Temperature and Water Flow



Figure 5: Front panel with flame and water flow adjusters.

- **Flame Adjuster (Ajustador de fuego):** This knob controls the gas flow to the burner, directly affecting the heat output and thus the water temperature. Turn towards 'Max' for hotter water, and 'Min' for cooler water.
- **Water Flow Adjuster (Flujo de Agua):** This knob regulates the water flow through the heater. Reducing water flow (towards 'Min') allows the water to spend more time in the heat exchanger, resulting in hotter water. Increasing water flow (towards 'Max') results in cooler water.
- **Digital Temperature Indicator:** The display shows the current hot water outlet temperature in degrees Celsius.

Adjust both knobs in conjunction to achieve your desired water temperature and flow rate. For optimal performance and stable temperature, ensure sufficient water pressure.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your water heater. Always turn off the gas and water supply before performing any maintenance.

- **Annual Inspection:** Have a qualified technician inspect the unit annually. This includes checking gas connections, burner operation, heat exchanger, and exhaust system.
- **Cleaning:** Periodically clean the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Ventilation:** Ensure the area around the water heater and the exhaust vent remains clear of obstructions.
- **Water Filter (if applicable):** Some models may have an inlet water filter. Check and clean it regularly to prevent sediment buildup.

7. TROUBLESHOOTING

If you encounter issues with your water heater, refer to the following common problems and solutions. For complex issues, contact a qualified technician.

Problem	Possible Cause	Solution
No hot water / Heater does not ignite	No gas supply, low water pressure, On/Off switch off, battery low (if applicable)	Check gas valve, ensure adequate water flow, turn on switch, replace batteries.
Water not hot enough	Flame adjuster too low, water flow too high, insufficient gas pressure	Adjust flame knob towards 'Max', reduce water flow, check gas supply.
Heater cycles on and off rapidly	Insufficient water flow, exhaust blockage, overheating safety engaged	Ensure stable water flow, check exhaust vent for obstructions, allow unit to cool.
Gas odor detected	Gas leak	Immediately turn off gas supply, open windows, do not operate electrical switches, evacuate and contact gas company or qualified technician.

8. TECHNICAL SPECIFICATIONS

Refer to the following specifications for your GUTSTARK 6L LP Gas Instant Water Heater.

Specification	Value
Brand	GUTSTARK
Model	6L
Manufacturer	RACK & PACK
Capacity	6 Liters per minute
Power Source	LP Gas
Color	White
Style	Indoor Installation (Wall Mounted)
Dimensions (L x W x H)	37 cm x 17 cm x 51 cm
Weight	4.64 kg

Specification	Value
Thermal Load (Carga Térmica)	6.9 kW
Minimum Thermal Efficiency	84%
Product Thermal Efficiency	90%
Gas Pressure (LP)	2.8 kPa (28 mbar)
Water Pressure	0.015 to 0.5 bar



Figure 6: Product dimensions: 50 cm (Height), 30 cm (Width), 15 cm (Depth).

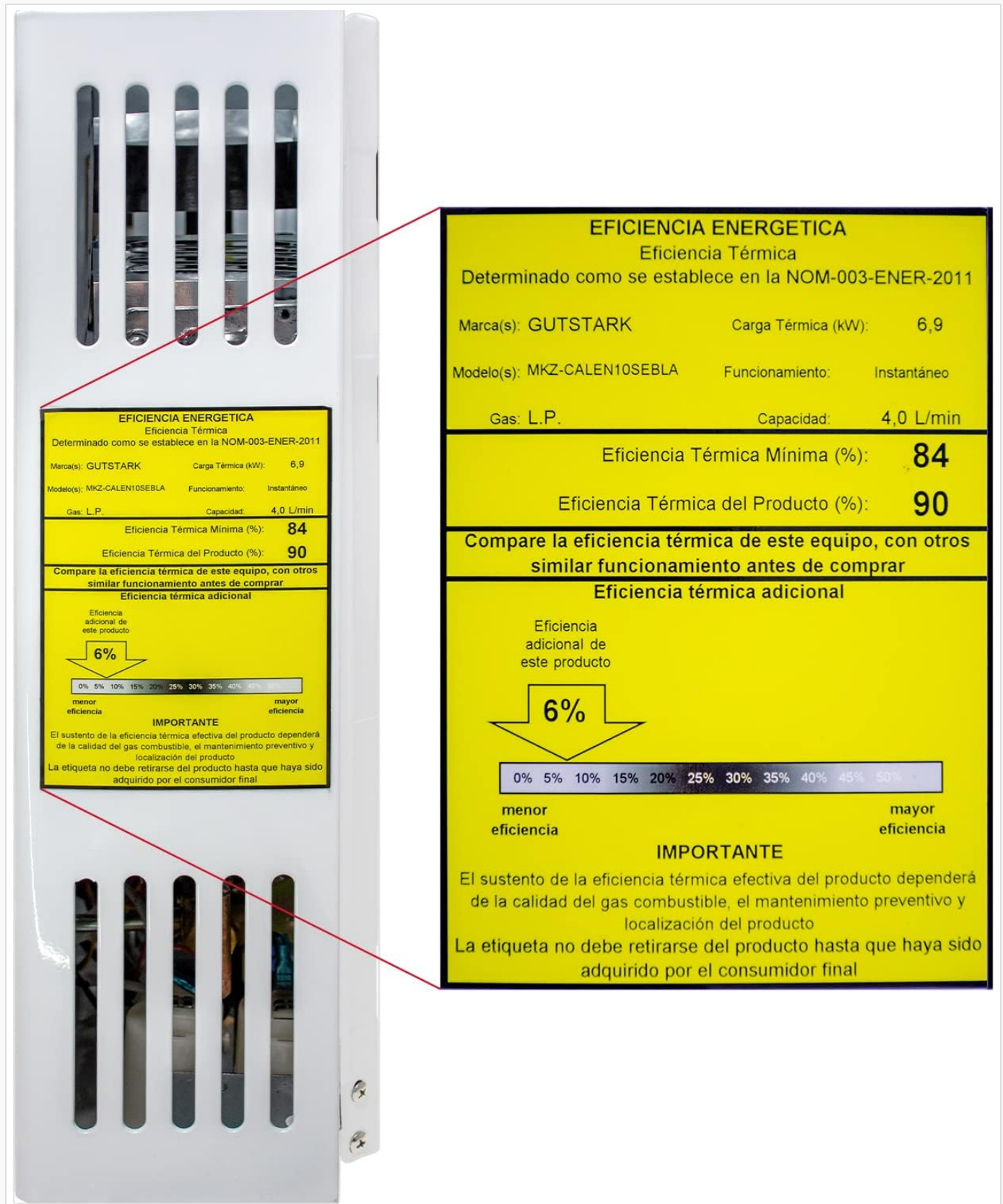


Figure 7: Energy Efficiency Label, indicating 90% thermal efficiency.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the contact details provided at the point of purchase or visit the official GUTSTARK website. Keep your purchase receipt as proof of purchase for warranty claims.

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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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