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Foset CALE-6I

Foset CALE-6I Instantaneous Water Heater User Manual

Model: CALE-6I | Brand: Foset

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Foset CALE-6I Instantaneous Water Heater. Please read these instructions carefully before use and retain them for future reference. This water heater is designed to provide hot water on demand for a single service point, utilizing LP gas.



Front view of the Foset CALE-6l Instantaneous Water Heater.

2. KEY FEATURES

- **Instantaneous Heating:** Provides hot water on demand without a storage tank, eliminating waiting times.
- **Energy Efficient:** Saves up to 70% on gas consumption compared to traditional tank water heaters.
- **Automatic Ignition:** Activates automatically when a hot water tap is opened.
- **Electronic Ignition:** Powered by two D-type batteries, eliminating the need for a constant pilot flame.
- **Digital Temperature Display:** Shows the current water temperature for precise control.
- **Dual Safety System:** Equipped with mechanisms to prevent gas leaks and overheating.
- **Low Pressure Operation:** Functions effectively with a minimum operating pressure of 0.25 kgf/cm².
- **Compact Design:** Lightweight and small footprint for flexible installation.
- **Constant Flow:** Delivers a steady flow of hot water up to 70°C.

De paso instantáneos, de gas

- Sin tanque de almacenamiento de agua
- Encienden al momento de abrir la llave de agua caliente
- Sistemas de seguridad que les permiten operar en automático con un calentador solar.
- Agua caliente limitada sin tiempos de espera hasta 70° C.
- Presión mínima de operación: 0.25 kgf/cm² (se recomienda altura mínima de 2 m del tinaco a la regadera).

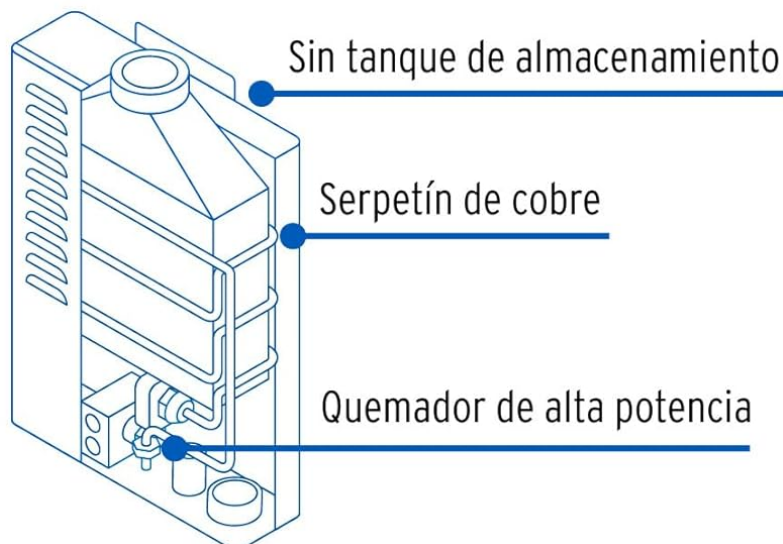
HASTA
70%
AHORRO DE GAS

Contra un calentador de depósito tradicional

DESDE



BAJA
PRESIÓN



Servicios simultáneos	Capacidad
1	6 L/min

An internal view of the instantaneous water heater, detailing its tankless design, copper heat exchanger coil, and high-power burner. Key benefits such as up to 70% gas savings, low-pressure operation capability, and a capacity of 6 liters per minute for one service are also highlighted.

3. COMPONENTS OVERVIEW

Familiarize yourself with the main components of your water heater:

Chimenea



Perilla de control



Display

This image shows the front of the Foset CALE-6l instantaneous water heater, highlighting its main external components: the chimney for exhaust, the control knob for adjusting settings, and the digital display for temperature indication.

- **Chimney:** Exhaust vent for combustion gases.
- **Control Knob:** Used to adjust gas flow and water temperature.
- **Digital Display:** Shows the current water temperature.

- **Water Inlet/Outlet:** Connections for cold water input and hot water output.
- **Gas Inlet:** Connection for LP gas supply.
- **Battery Compartment:** Houses two D-type batteries for electronic ignition.

4. SETUP AND INSTALLATION

WARNING: Installation must be performed by a qualified professional in accordance with local codes and regulations. Improper installation can lead to gas leaks, fire, or carbon monoxide poisoning.

4.1 Location Requirements

- Install in a well-ventilated area.
- Ensure adequate clearance around the unit for maintenance and proper ventilation.
- Mount on a solid, vertical surface capable of supporting the unit's weight.
- Protect from freezing temperatures.

4.2 Gas Connection

- Connect the water heater to an LP gas supply.
- Use appropriate gas lines and fittings.
- Check all gas connections for leaks using a soapy water solution.

4.3 Water Connection

- Connect the cold water inlet to your main water supply.
- Connect the hot water outlet to the hot water distribution system for your single service point.
- Ensure all water connections are tight to prevent leaks.

4.4 Battery Installation

- Open the battery compartment.
- Insert two D-type batteries, ensuring correct polarity.
- Close the compartment securely.

5. OPERATING INSTRUCTIONS

5.1 Initial Startup

1. Ensure gas and water supplies are open.
2. Open a hot water tap at the service point. The water heater will automatically ignite.
3. Observe the digital display for temperature readings.

5.2 Temperature Adjustment

- Use the control knob on the front panel to adjust the desired water temperature.
- Turn the knob clockwise to increase temperature and counter-clockwise to decrease it.
- The digital display will show the adjusted temperature.

5.3 Shutting Down

- Close the hot water tap. The water heater will automatically turn off.
- For extended periods of non-use, it is recommended to close the main gas and water supply valves.

Your browser does not support the video tag.

This video explains the functionality and key characteristics of Foseit instantaneous water heaters, including how they provide hot water on demand, their energy efficiency, and safety features. It applies to all models, including the CALE-6I.

6. MAINTENANCE

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

6.1 Cleaning

- Clean the exterior with a soft, damp cloth. Do not use abrasive cleaners.
- Periodically check the exhaust vent (chimney) for obstructions.

6.2 Battery Replacement

- If the digital display fades or the unit fails to ignite, replace the D-type batteries.
- Ensure correct polarity when inserting new batteries.

6.3 Professional Inspection

- It is recommended to have the water heater inspected by a qualified technician annually.
- This includes checking gas connections, burner operation, and heat exchanger condition.

7. TROUBLESHOOTING

Before calling for service, check the following common issues:

Problem	Possible Cause	Solution
No hot water / Unit does not ignite	No gas supply Low water pressure Dead batteries Hot water tap not fully open	Check gas valve and supply. Ensure water pressure meets minimum requirements. Replace D-type batteries. Open tap fully to activate flow sensor.
Water not hot enough	Temperature setting too low Excessive water flow	Adjust control knob to a higher temperature. Reduce water flow at the tap.
Unit shuts off unexpectedly	Overheating (safety feature) Insufficient ventilation Gas supply interruption	Allow unit to cool down. Ensure proper ventilation around the unit. Check gas supply.

If problems persist, contact a qualified technician for assistance.

8. SPECIFICATIONS

Feature	Detail
Model Number	CALE-6I

Feature	Detail
Brand	Foset
Capacity	6 Liters/minute (1 service)
Fuel Type	LP Gas
Minimum Operating Pressure	0.25 kgf/cm ²
Maximum Water Temperature	70°C
Ignition Type	Electronic (2 D-type batteries)
Material	Alloy Steel
Color	Silver/Gray
Product Dimensions (L x W x H)	36.2 x 18.2 x 53 cm
Product Weight	53.4 kg (Note: This weight may include packaging or refer to a different model. Please verify actual unit weight upon receipt.)



This diagram illustrates the physical dimensions of the Foset CALE-6I water heater, showing its height of 44 cm, width of 30 cm, and depth of 13 cm, which are important for installation planning. (Note: Dimensions in image may vary slightly from detailed specifications.)

9. WARRANTY INFORMATION

Foset products are manufactured under strict quality standards. This product comes with a manufacturer's warranty against defects in materials and workmanship. The specific terms and duration of the warranty are typically provided with the product packaging or can be found on the official Foset website. Please retain your proof of purchase for warranty claims.

For warranty service, please contact Foset customer support or the authorized dealer from whom you purchased the product.

10. CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to report an issue, please contact Foset customer support:

- **Website:** Visit the official [Foset store on Amazon](#) or the main Foset corporate website for more information and contact details.
- **Service Centers:** Refer to your product packaging or the Foset website for a list of authorized service centers.

When contacting support, please have your product model number (CALE-6I) and proof of purchase readily available.