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## Foset 43050

# Foset Model 43050 11L LP Gas Instant Water Heater User Manual

Your guide to safe and efficient operation of your Foset Instant Water Heater.

## 1. INTRODUCTION

Thank you for choosing the Foset Model 43050 11L LP Gas Instant Water Heater. This appliance is designed to provide hot water on demand, offering efficiency and convenience. This manual contains important information regarding the safe installation, operation, and maintenance of your water heater. Please read it thoroughly before installation and use, and retain it for future reference.

 **FOSET**

CALENTADOR PARA AGUA

Modelo	FOSET 12L
Capacidad	12 litros
Potencia	12000 W
Consumo	12000 W
Clase de eficiencia energética	A
Clase de eficiencia energética (estándar)	B
Clase de eficiencia energética (mínimo)	C
Clase de eficiencia energética (máximo)	D
Clase de eficiencia energética (máximo)	E
Clase de eficiencia energética (máximo)	F
Clase de eficiencia energética (máximo)	G
Clase de eficiencia energética (máximo)	H
Clase de eficiencia energética (máximo)	I
Clase de eficiencia energética (máximo)	J
Clase de eficiencia energética (máximo)	K
Clase de eficiencia energética (máximo)	L
Clase de eficiencia energética (máximo)	M
Clase de eficiencia energética (máximo)	N
Clase de eficiencia energética (máximo)	O
Clase de eficiencia energética (máximo)	P
Clase de eficiencia energética (máximo)	Q
Clase de eficiencia energética (máximo)	R
Clase de eficiencia energética (máximo)	S
Clase de eficiencia energética (máximo)	T
Clase de eficiencia energética (máximo)	U
Clase de eficiencia energética (máximo)	V
Clase de eficiencia energética (máximo)	W
Clase de eficiencia energética (máximo)	X
Clase de eficiencia energética (máximo)	Y
Clase de eficiencia energética (máximo)	Z

**FOSET**  
Calentador instantáneo  
Tankless water heater

**INSTRUCCIONES DE USO**

El calentador instantáneo no requiere un tanque de almacenamiento de agua caliente. El agua se calienta solo cuando se necesita y se enfría inmediatamente después de ser utilizada. Esto reduce el consumo de energía y el espacio requerido.

Para obtener más información, consulte el manual de instrucciones que se encuentra en el interior del calentador.

**AGUJA DE TEMPERATURA**  
Para verificar la temperatura del agua caliente, consulte la aguja de temperatura que se encuentra en el interior del calentador.

**Seguro**

Agua caliente constante

**LP**

488500000  
488500000  
488500000  
488500000  
488500000

gas

88°C

**Figure 1.1:** Front view of the Foset Model 43050 Instant Water Heater. The unit is white with a digital display and a control knob on the lower front panel, and a vent at the top.

## 2. SAFETY INFORMATION

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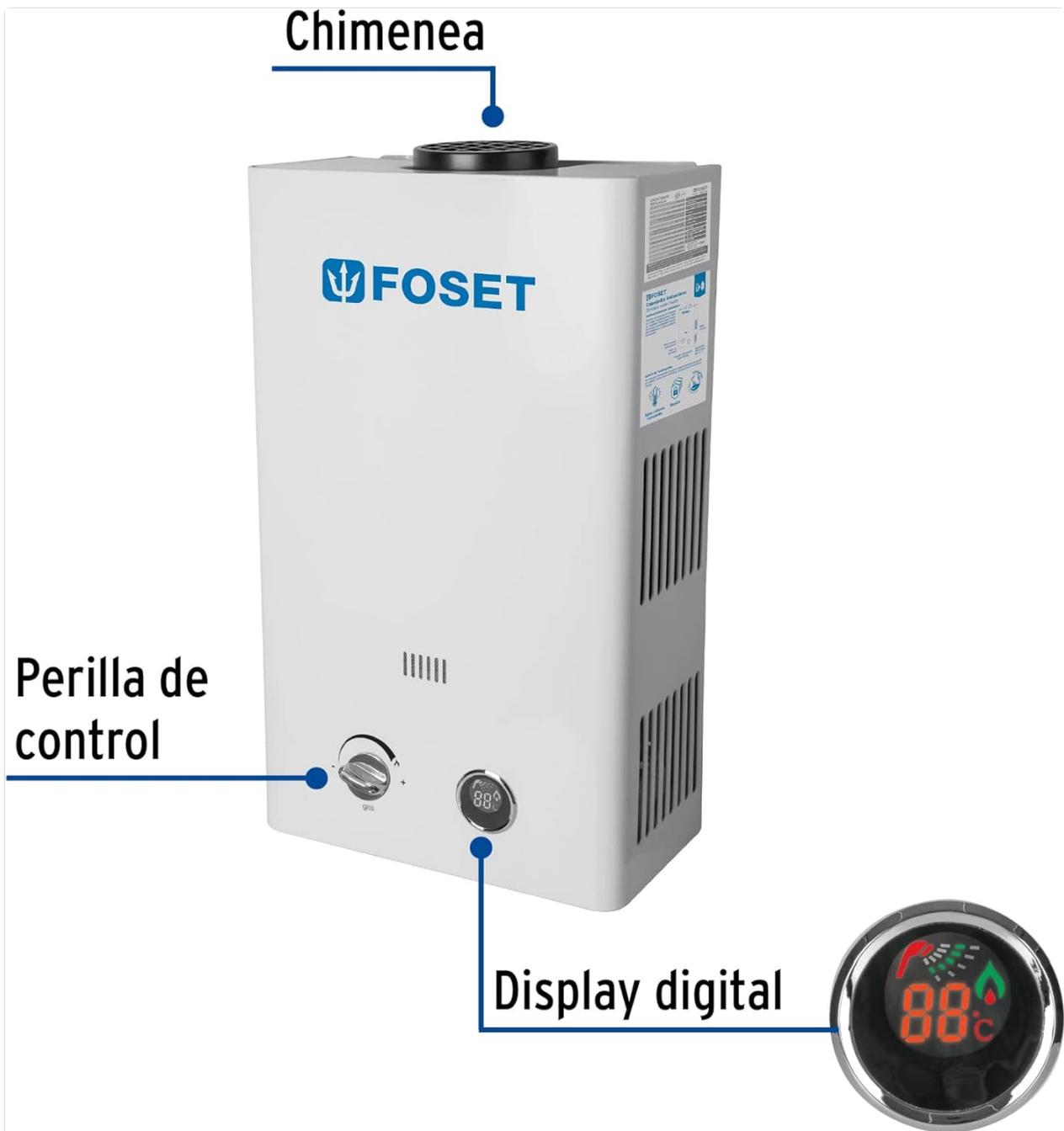
**WARNING:** Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury, or death. Read the installation, operating, and maintenance instructions thoroughly before installing or servicing this equipment.

- This appliance must be installed by a qualified professional in accordance with all local codes and regulations.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- Ensure adequate ventilation for the appliance.
- Regularly check for gas leaks. If you smell gas, immediately shut off the gas supply, open windows, and contact a qualified technician.
- Do not block the exhaust flue.
- Keep children away from the water heater.
- The appliance operates with safety systems that allow it to function automatically, even with a solar water heater.
- The maximum hot water temperature is limited to 70°C.

## 3. PRODUCT OVERVIEW

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### 3.1 Components



**Figure 3.1:** Key components of the Foset Instant Water Heater. Labels indicate the Chimney (exhaust vent) at the top, the Control Knob on the lower left, and the Digital Display on the lower right.

- **Chimney (Exhaust Vent):** For expelling combustion gases. Must be properly installed and vented to the outside.
- **Control Knob:** Used to adjust the gas flow and water temperature.
- **Digital Display:** Shows the current water temperature.

### 3.2 Internal Structure and Features

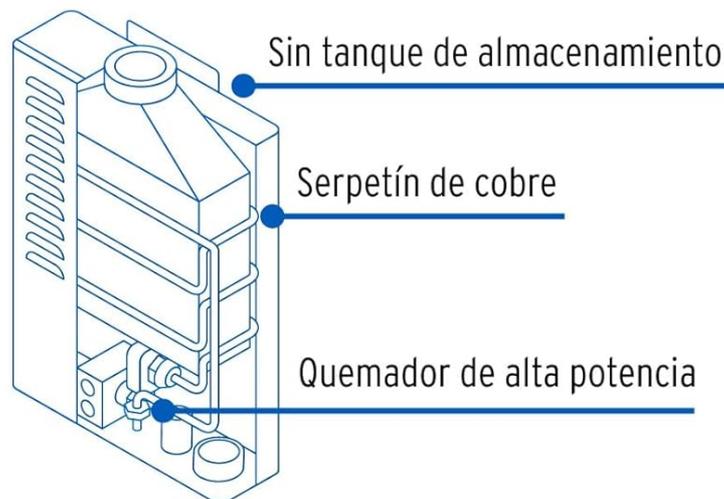
# De paso instantáneos, de gas

- 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/cm<sup>2</sup> (se recomienda altura mínima de 2 m del tinaco a la regadera).

HASTA  
**70%**  
AHORRO DE GAS

Contra un calentador de depósito tradicional

DESDE



Servicios simultáneos	Capacidad
2	11 L/min

**Figure 3.2:** Internal diagram illustrating the key components: no water storage tank, a copper coil for efficient heat exchange, and a high-power burner. This design allows for instant heating and significant gas savings compared to traditional tank heaters.

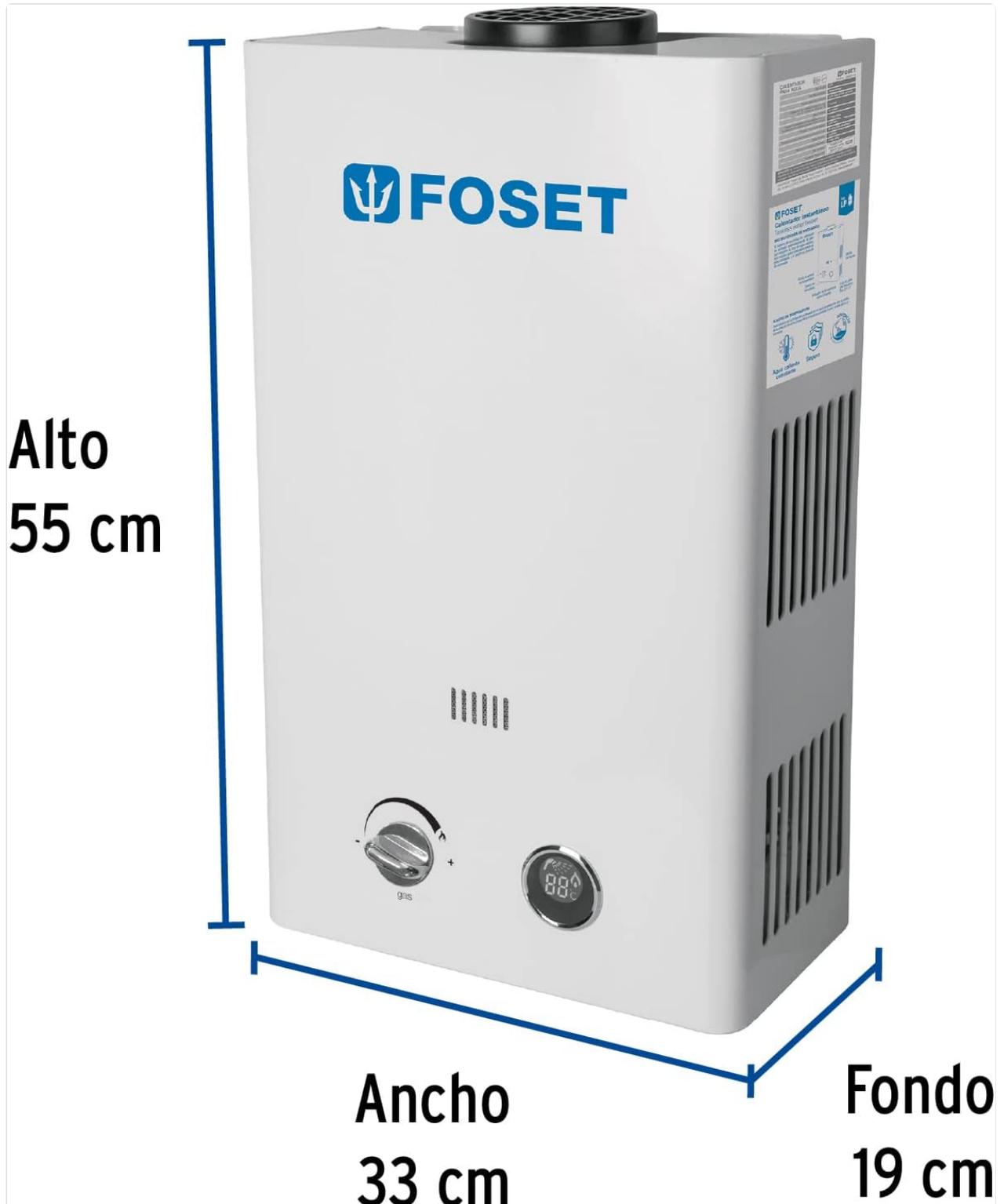
- **Tankless Design:** Provides hot water on demand without a storage tank, saving space and energy.
- **Copper Coil:** High-efficiency heat exchanger for rapid water heating.
- **High-Power Burner:** Ensures quick and consistent heating.
- **LP Gas Powered:** Designed for use with Liquefied Petroleum (LP) gas.
- **Instant Heating:** Activates automatically when a hot water tap is opened.
- **Energy Saving:** Can save up to 70% gas compared to traditional storage tank heaters.
- **Low Pressure Operation:** Designed to operate effectively even with low water pressure (minimum 0.25 kgf/cm<sup>2</sup>).

## 4. SETUP AND INSTALLATION

Installation of this appliance must be performed by a certified professional. Incorrect installation can lead to serious hazards.

#### 4.1 Location and Mounting

- The water heater is designed for wall mounting.
- Choose a location with adequate ventilation and away from flammable materials.
- Ensure the wall can support the weight of the unit (approximately 22 pounds).
- Maintain proper clearances around the unit as specified in the full installation guide (not provided here).



**Figure 4.1:** Dimensions of the Foset Instant Water Heater. Height (Alto) is 55 cm (21.65 inches), Width (Ancho) is 33 cm (12.99 inches), and Depth (Fondo) is 19 cm (7.48 inches).

## 4.2 Gas and Water Connections

- Connect the appliance to an LP gas supply line. Ensure all connections are secure and leak-free.
- Connect the cold water inlet and hot water outlet pipes.
- The minimum operating water pressure is 0.25 kgf/cm<sup>2</sup> (approximately 3.55 PSI). For optimal performance, it is recommended that the water tank (tinaco) be at least 2 meters (6.5 feet) above the showerhead.
- Install a proper exhaust flue system for the chimney.

## 5. OPERATING INSTRUCTIONS

The Foset Instant Water Heater is designed for simple operation.

1. **Ensure Gas Supply:** Verify that the LP gas supply is open and connected.
2. **Water Flow:** Open a hot water tap in your home. The water heater will automatically detect the water flow and ignite.
3. **Temperature Adjustment:** Use the control knob on the front panel to adjust the desired water temperature. Turning the knob towards '+' increases the temperature, and towards '-' decreases it. The digital display will show the current output water temperature.
4. **Shut-off:** When the hot water tap is closed, the water heater will automatically turn off.

The unit is capable of providing hot water for up to two simultaneous services (e.g., two showers) with a capacity of 11 liters per minute.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your water heater. It is recommended to have the unit inspected annually by a qualified technician.

- **Ventilation:** Ensure the exhaust flue and air intake are clear of obstructions.
- **Gas Connections:** Periodically check gas connections for leaks using a soapy water solution (never an open flame).
- **Cleaning:** Keep the exterior of the unit clean. Do not use abrasive cleaners.
- **Professional Service:** For internal cleaning, burner inspection, and heat exchanger descaling, contact a qualified service professional.

## 7. TROUBLESHOOTING

If you experience 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 / Unit does not ignite	No gas supply, low water pressure, closed hot water tap, power issue (if applicable, though this model is not electric).	Check gas supply valve. Ensure sufficient water pressure (min. 0.25 kgf/cm <sup>2</sup> ). Open a hot water tap.

Problem	Possible Cause	Solution
Water not hot enough	Control knob set too low, excessive water flow, low gas pressure.	Adjust control knob to a higher setting. Reduce water flow. Check gas supply pressure.
Unit cycles on and off rapidly	Insufficient water flow, blockage in water lines, exhaust obstruction.	Ensure adequate water flow. Check for kinks or blockages in water lines. Inspect exhaust flue for obstructions.

## 8. SPECIFICATIONS

Feature	Detail
Brand	Foset
Model Number	43050
Capacity	11 Liters/minute
Power Source	LP Gas (Liquefied Petroleum Gas)
Special Feature	Instant Heating
Color	White
Mounting Type	Wall
Product Dimensions (H x W x D)	21.65 x 12.99 x 7.48 inches (55 x 33 x 19 cm)
Item Weight	22 pounds (10 kg)
Minimum Water Pressure	0.25 kgf/cm <sup>2</sup>
Maximum Water Temperature	70°C
Simultaneous Services	Up to 2

## 9. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product packaging or visit the official Foset website. Keep your purchase receipt as proof of purchase.

For technical support, service, or to locate authorized service centers, please contact Foset customer service through the contact information provided in your product documentation or on the official Foset website.