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› AVERA C6L Instant LP Gas Water Heater User Manual

AVERA C6L

AVERA C6L Instant LP Gas Water Heater User Manual

Model: C6L

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your AVERA C6L Instant LP Gas Water Heater. Please read this manual thoroughly before installation and use, and keep it for future reference.

The AVERA C6L is designed to provide instant hot water for one service point, with a capacity of 6 liters per minute. Its compact design, combined with a copper coil and flame detector, ensures optimal performance and safety.

Exclusivo Gas LP



Peso
4.8 kg



Alto
44 cm

Profundidad
13 cm

Ancho
0 cm

Image: AVERA C6L Instant LP Gas Water Heater showing its compact size and dimensions (44 cm height, 13 cm depth). The product specifications list a width of 30 cm.

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.

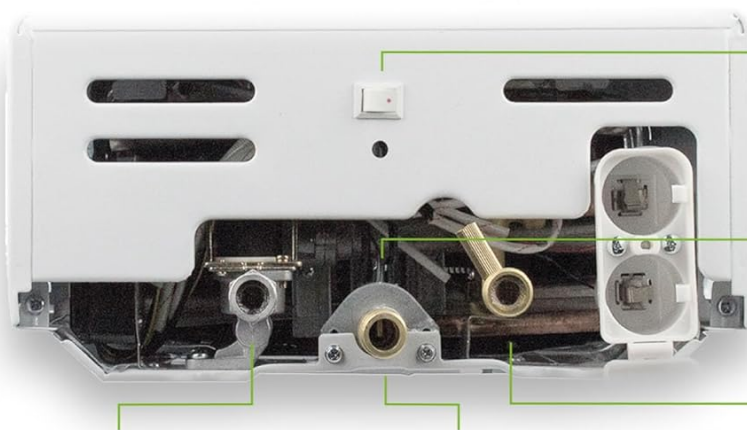
- This appliance is for LP Gas only. Do not attempt to use with Natural Gas or any other fuel.
- Ensure proper ventilation. Never install the water heater in an unventilated area.
- The unit is equipped with a flame detector and an over-temperature sensor for your safety. Do not bypass or tamper with these safety features.
- Do not install the water heater in locations exposed to strong air currents, as this may extinguish the flame and cause unsafe operation.
- Always check for gas leaks after installation and during maintenance.
- Keep flammable materials away from the water heater.
- Ensure the water heater is installed by a qualified professional in accordance with local codes and regulations.

3. PRODUCT COMPONENTS AND CONTROLS

Familiarize yourself with the main components and controls of your AVERA C6L water heater.

¡Tú eliges la temperatura y flujo de agua!

2 perillas de control
Temperatura y Flujo



Interruptor On / Off

Caja de baterías
Tipo D 1.5 V alcalinas
(no incluidas)

Conexión de gas
de 1/2"

Salida de
agua caliente
de 1/2"

Entrada de
agua fría de 1/2"

Cuenta con válvula de drenado o alivio

Image: Detailed view of the AVERA C6L water heater's control panel and connection points, including gas, water inlets/outlets, battery box, and on/off switch.

Controls:

- **Temperature Control Knob:** Adjusts the gas flow to regulate the water temperature. Turning it towards "Alta" (High) increases temperature, and towards "Baja" (Low) decreases it. Note that the effective range for flame regulation is primarily within the first quarter of its rotation.
- **Water Flow Control Knob:** Adjusts the water flow rate. Turning it towards "Alto" (High) increases flow, and towards "Bajo" (Low) decreases it.
- **On/Off Switch:** Powers the unit on or off.

Connections:

- **Gas Connection (1/2"):** Inlet for LP gas supply.

- **Cold Water Inlet (1/2"):** Inlet for cold water supply.
- **Hot Water Outlet (1/2"):** Outlet for heated water.
- **Battery Box:** Holds two D-type 1.5V alkaline batteries (not included), required for ignition.
- **Drain/Relief Valve:** For draining the unit and pressure relief.

4. INSTALLATION AND SETUP

The AVERA C6L water heater is designed for easy installation. However, for safety and optimal performance, professional installation is highly recommended.

4.1 Pre-Installation Checklist:

- **Water Pressure:** Ensure sufficient water pressure. If your shower pressure is low, consider installing a water pressurizer for better performance.
- **Fuel Type:** Confirm your gas supply is LP Gas. This model is exclusively for LP Gas.
- **Batteries:** Install two D-type 1.5V alkaline batteries into the battery box.
- **Location:** Choose an appropriate installation location.

Cómo elegir de manera correcta tu calentador Avera



1. Presión de agua:
Verifica que sea suficiente o considera un presurizador.



5. Eficiencia:
Prioriza alta eficiencia para ahorrar energía y costos.



4. Temperatura:
Busca modelos con ajuste de temperatura para mayor confort.



2. Capacidad:
Elige según los servicios que necesitas abastecer.
1 regadera = 1 servicio



3. Tipo de energía:
Decide entre gas (LP/natural) o eléctrico.

Image: Guide on how to select the correct water heater, emphasizing water pressure, capacity, energy type, temperature control, and efficiency.

4.2 Installation Location Requirements:

- The water heater can be installed in a covered outdoor area or a ventilated indoor space.
- Avoid areas with strong air currents that could extinguish the pilot flame.
- Maintain a minimum distance of 2 meters between your shower and the water tank, and a maximum of 5 meters between your shower and the water heater for optimal performance.

Considera lo necesario para una buena instalación

Mantén al menos 2 metros entre tu regadera y el depósito de agua, y un máximo de 5 metros entre tu regadera y el calentador.



Avera recomienda:

Si la presión de tu regadera resulta ser baja, te recomendamos adquirir el Presurizador de agua PR26L para un mejor desempeño.



*Imágenes ilustrativas, los productos adicionales se venden por separado.

Image: Diagram illustrating recommended distances for water heater installation relative to the shower and water/gas tanks.

Exterior techado 

Interior ventilado 



Instalación rápida y sencilla

Uso en casa o departamento

Image: Visual examples of suitable installation environments: a covered outdoor area and a ventilated indoor space.

4.3 Connection Steps:

1. Mount the water heater securely to a wall using the provided hardware.
2. Connect the LP gas supply line to the gas inlet (1/2"). Ensure all gas connections are tight and leak-free.
3. Connect the cold water supply line to the cold water inlet (1/2").
4. Connect the hot water line to the hot water outlet (1/2").
5. Open the main water supply valve to fill the water heater. Check for water leaks.
6. Open the gas supply valve.

5. OPERATING INSTRUCTIONS

The AVERA C6L water heater features automatic ignition and instant heating.

1. **Power On:** Ensure the On/Off switch is in the "On" position.
2. **Open Hot Water Tap:** Open any hot water tap in your home. The water heater will automatically ignite and begin heating water.

3. **Adjust Temperature:** Use the Temperature control knob to adjust the desired water temperature. Turn towards "Alta" for hotter water, "Baja" for cooler.
4. **Adjust Water Flow:** Use the Water Flow control knob to adjust the flow rate. A minimum flow of 4 liters per minute is required for efficient operation.
5. **Shut Off:** Close the hot water tap. The water heater will automatically turn off.

Note: The digital thermometer (if present on your model) measures internal pipe temperature, which may not accurately reflect the actual water temperature at the tap. Always test the water temperature manually before use to prevent scalding.

Ten el control	Agua caliente 24/7	Diseño práctico y adaptable
		
<p>Cuenta con 2 perillas para ajustar la temperatura y el flujo de agua.</p>	<p>El calentador no tiene piloto, se enciende automáticamente al girar la llave de agua caliente, esto ayuda con un ahorro de gas de hasta 80%.</p>	<p>Fácil instalación para colocarlo en exterior e interior, asegurando una ventilación adecuada.</p>

Image: Avera C6L water heater providing hot water, highlighting its instant heating capability as water flows from a showerhead.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your AVERA C6L water heater.

- **Annual Inspection:** It is recommended to have a qualified technician inspect the water heater annually.
- **Clean Exterior:** Wipe the exterior with a soft, damp cloth. Do not use abrasive cleaners.
- **Check Connections:** Periodically check all gas and water connections for leaks.
- **Battery Replacement:** Replace the D-type batteries when the ignition becomes slow or inconsistent.
- **Drainage:** In areas with hard water, periodic draining and flushing of the unit may be necessary to prevent mineral buildup. Consult a professional for this procedure.

7. TROUBLESHOOTING

This section provides solutions to common issues you might encounter. For problems not listed here, contact customer support.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No hot water / Heater does not ignite.	<ul style="list-style-type: none"> ◦ No gas supply. ◦ Low water pressure/flow. ◦ Dead batteries. ◦ On/Off switch is off. ◦ Safety sensor activated. 	<ul style="list-style-type: none"> ◦ Check gas tank and connections. ◦ Ensure water pressure is sufficient (min. 4 L/min). ◦ Replace D-type batteries. ◦ Turn On/Off switch to "On". ◦ If the heater attempts ignition for 20 seconds then stops, check gas supply.
Water is not hot enough.	<ul style="list-style-type: none"> ◦ Temperature knob set too low. ◦ High water flow rate. ◦ Low gas pressure. 	<ul style="list-style-type: none"> ◦ Adjust Temperature knob towards "Alta". ◦ Reduce water flow using the Water Flow knob. ◦ Ensure adequate gas supply pressure.
Water is too hot.	<ul style="list-style-type: none"> ◦ Temperature knob set too high. ◦ Very low water flow rate. 	<ul style="list-style-type: none"> ◦ Adjust Temperature knob towards "Baja". ◦ Increase water flow using the Water Flow knob. ◦ Do not rely solely on the digital temperature display for precise temperature control.
Heater turns off unexpectedly.	<ul style="list-style-type: none"> ◦ Lack of ventilation. ◦ Strong air currents. ◦ Over-temperature sensor activated. ◦ Gas supply interrupted. 	<ul style="list-style-type: none"> ◦ Ensure proper ventilation. ◦ Relocate if exposed to strong drafts. ◦ Check gas supply. ◦ Allow unit to cool down if overheating.

8. SPECIFICATIONS

Feature	Detail
Model	C6L
Brand	AVERA
Fuel Type	LP Gas (Propano líquido)
Capacity	6 Liters per minute (for 1 service)
Material	Stainless Steel, Copper Coil
Dimensions (H x W x D)	44 cm x 30 cm x 30 cm
Weight	5 kg
Wattage	6970 watts
Special Features	Gas saving, Overheating protection, Flame detector, Automatic ignition, Compatible with solar systems
Batteries Required	2 x D-type 1.5V Alkaline (not included)

MODELO: C6L

Exclusivo Gas LP



1 servicio



Tiempo de calentamiento:
6 l / min.



Encendido automático



Protección
contra temperaturas
extremas



6 Litros
por minuto*

Hasta
80% Ahorro
de gas

2 AÑOS
DE GARANTÍA

Image: Summary of key features including 1 service, 6 L/min heating, automatic ignition, temperature protection, 80% gas saving, and 2-year warranty.



Image: Another visual representation of the AVERA C6L highlighting its specifications and benefits.

9. WARRANTY AND SUPPORT

Your AVERA C6L Instant LP Gas Water Heater comes with a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects under normal use.

For warranty claims, technical assistance, or any questions regarding your product, please contact AVERA customer support. Keep your proof of purchase for warranty validation.
Contact information for AVERA support can typically be found on the official AVERA website or on your product packaging.