

Regent 3201256

Regent Electric Water Heater 80 Liters

MODEL: 3201256 - VERTICAL INSTALLATION

Introduction

Thank you for choosing the Regent Electric Water Heater. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new water heater. Please read it thoroughly before use and keep it for future reference.

This 80-liter vertical electric water heater is designed to provide reliable hot water for households of approximately 2 adults and 1 child. It combines durability with practical features for everyday use.

Product Features

- **Titanium-Coated Tank:** The inner tank is coated with titanium enamel, offering superior protection against corrosion and scale buildup, ensuring extended product life.
- **Magnesium Anode:** Equipped with a large magnesium anode, a sacrificial component that reacts with oxygen in the water, further preventing corrosion of the tank.
- **Dielectric Sleeves:** Includes insulating dielectric sleeves to prevent galvanic corrosion between the copper pipes and the steel tank, enhancing durability.
- **Safety Valve:** Features a safety valve with a lever to maintain internal pressure within safe operating limits, protecting components and increasing longevity.
- **Pilot Light Indicator:** A red pilot light illuminates when the water heater is actively heating water, providing a clear visual status of its operation.
- **External Thermostat:** Allows for easy adjustment of the water temperature.
- **Energy Efficiency Class C:** Designed for efficient operation, contributing to energy savings.
- **Capacities Available:** This model is 80 liters, suitable for 2 adults and 1 child. Other capacities (50L, 100L) are also available to meet various household needs.



80L



Image: Regent 80 Liter Electric Water Heater, highlighting its capacity for approximately 3 users.

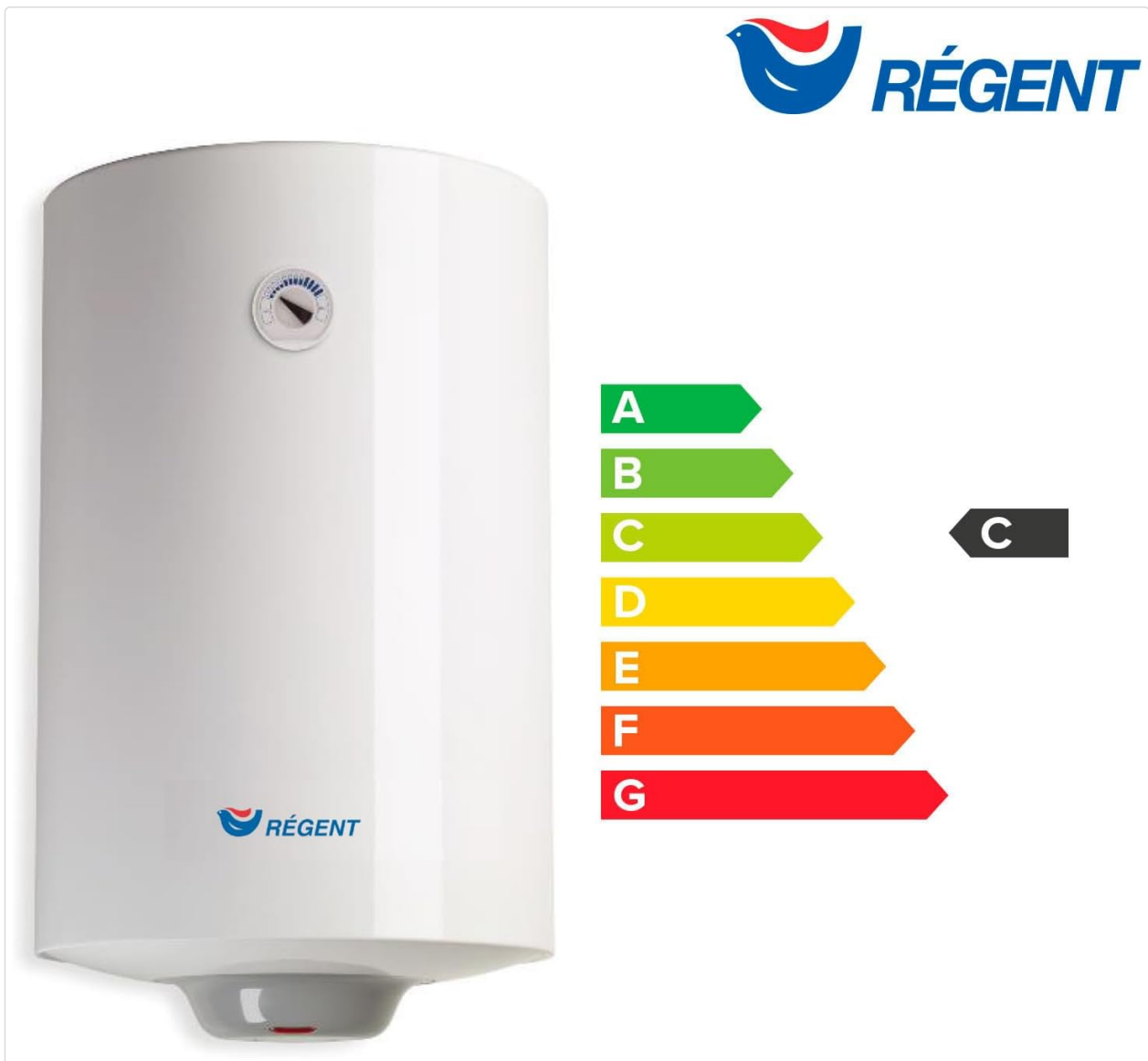


Image: Regent 80 Liter Electric Water Heater displaying its Class C energy efficiency rating.

Setup and Installation

The Regent electric water heater is designed for easy vertical installation. It is recommended that installation be performed by a qualified professional to ensure safety and proper functioning.

Included Components:

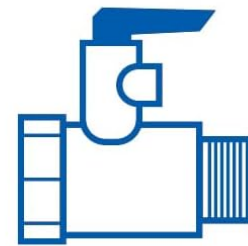
- Electric Water Heater Unit
- Dielectric Sleeves (for inlet and outlet pipes)
- Safety Valve
- Wall Hanging Bracket
- Instruction Manual (this document)
- Energy Label



CABLE Y ENCHUFE



2 MANGUITOS DIELECTRICOS



VÁLVULA DE SEGURIDAD

QUE
CONTIENE
LA CAJA



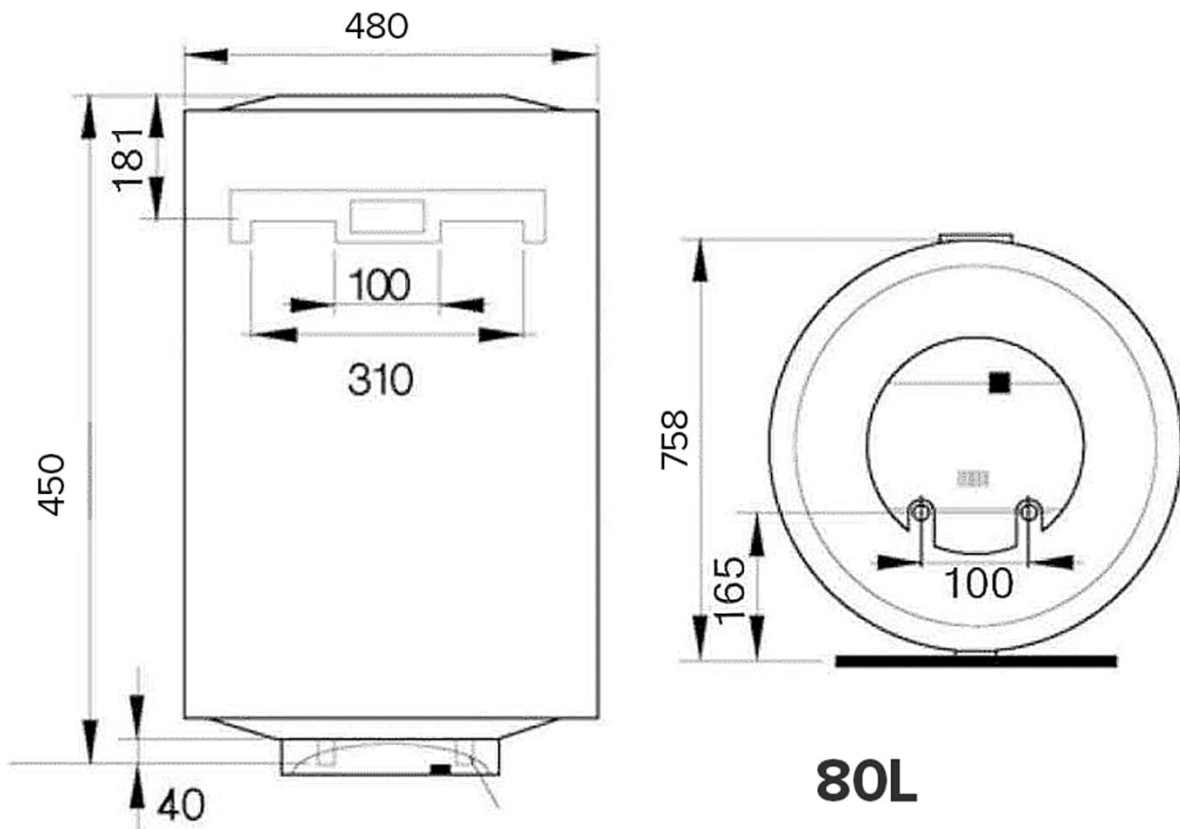
Image: Components included in the box, such as the cable, dielectric sleeves, and safety valve.

Installation Steps (Summary):

1. **Mounting:** Securely attach the wall hanging bracket to a suitable load-bearing wall.
2. **Positioning:** Hang the water heater vertically on the bracket. Ensure adequate space for maintenance and connections.
3. **Water Connections:** Connect the inlet and outlet water pipes, using the provided dielectric sleeves to prevent corrosion. Install the safety valve on the cold water inlet.
4. **Electrical Connection:** Connect the unit to a suitable electrical supply according to local regulations.
5. **Filling the Tank:** Before powering on, open a hot water tap to allow air to escape and the tank to fill completely with water. Close the tap once water flows steadily.



Image: Icon indicating easy installation.



80L

Ancho 480 mm

Alto 450 mm

Fondo 758 mm

Image: Detailed dimensions of the 80-liter water heater for installation planning.



Image: Example of the water heater installed vertically in a bathroom.

Operating Instructions

Temperature Control:

The water heater features an external thermostat located at the bottom of the unit. Rotate the knob to adjust the desired water temperature. For optimal performance and to minimize scale buildup, a temperature setting of **50°C** is generally sufficient for most hot water needs and helps prolong the appliance's lifespan.



Image: Icon for external temperature control.

Pilot Light:

A red pilot light is located on the bottom panel of the water heater. This light indicates when the heating

element is active and the water heater is in the process of heating the water to the set temperature.



Image: Icon for the pilot light feature.

Temperature Indicator:

On the upper part of the water heater, there is a temperature indicator. As the water heats up inside the tank, the needle on this indicator will rise, showing the approximate internal water temperature.



Image: Close-up of the temperature indicator on the water heater.

Maintenance

Regular maintenance is crucial for the longevity and efficiency of your water heater. Key factors influencing scale accumulation include water hardness and the set temperature.

- **Temperature Setting:** Setting the thermostat to 50°C is recommended. Higher temperatures lead to increased scale precipitation and greater incrustation on the heating element, reducing efficiency and lifespan.
- **Anode Inspection:** The magnesium anode is a consumable part. It should be inspected periodically (e.g., annually) and replaced if significantly depleted to ensure continuous corrosion protection.
- **Descaling:** Depending on water hardness, periodic descaling of the heating element may be necessary to maintain efficiency. This should be performed by a qualified technician.
- **Safety Valve Check:** Periodically check the safety valve to ensure it is not blocked and can operate correctly.



Image: Icon highlighting the titanium coating for durability.



Image: Icon emphasizing maximum durability.

Your browser does not support the video tag.

Video: An official Regent technical expert explains key features and maintenance tips for the electric water heater, including the importance of temperature settings to prevent scale buildup.

Troubleshooting

This section provides general guidance for common issues. For complex problems, always contact qualified technical support.

- **No Hot Water:** Check power supply, ensure the thermostat is set correctly, and verify the pilot light is on. If the pilot light is off and the unit is powered, the heating element might be faulty or the safety thermostat tripped.
- **Insufficient Hot Water:** The set temperature might be too low, or the tank capacity might be insufficient for current demand. Scale buildup can also reduce heating efficiency.
- **Water Leaks:** Immediately turn off the water supply and power to the unit. Leaks can be from connections, the safety valve, or the tank itself. Contact a technician.
- **Unusual Noises:** Banging or popping sounds can indicate excessive scale buildup on the heating element.

Specifications

Feature	Detail
Brand	Regent
Model Number	3201256
Capacity	80 Liters
Installation Type	Vertical
Power Source	Electric Cable
Product Dimensions (W x H)	45 cm x 75.8 cm
Depth	77.8 cm
Color	White
Wattage	8 kW
Voltage	230 Volts
Material	Alloy Steel, Titanium
Product Weight	22 Kilograms
Max Pressure	8 Bar
EU Energy Efficiency Label	C
Heating Time	2h 40min
Resistance Type	Armored Resistance
Country of Origin	Italy

Warranty and Support

Your Regent Electric Water Heater comes with a comprehensive warranty:

- **Total Warranty:** 3 years
- **Tank Warranty:** 5 years

For technical assistance, warranty claims, or any questions regarding your product, please contact the official technical service. In Spain, you can reach Ariston Thermo España's technical service at **91 060 24 42**. Always ensure that any repairs or maintenance are carried out by authorized personnel using genuine spare parts to maintain warranty validity and ensure safe operation.

