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**EDESA 951320**

# Edesa One Vertical Electric Water Heater 80L User Manual

Model: 951320

## 1. INTRODUCTION

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This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Edesa One Vertical Electric Water Heater. Please read these instructions carefully before installation and retain them for future reference. Proper installation and adherence to these guidelines will ensure optimal performance and longevity of the appliance.





*Figure 1: Edesa One Vertical Electric Water Heater, 80 Liters.*

## 2. SAFETY INFORMATION

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**Important:** Failure to follow these safety instructions may result in electric shock, fire, property damage, or personal injury.

- Installation and maintenance must be performed by qualified personnel in accordance with local regulations and standards.
- Ensure the power supply matches the voltage specified on the appliance's rating label.
- Do not operate the water heater if the power cord or plug is damaged.
- Do not block or cover any ventilation openings on the appliance.
- Before any maintenance or cleaning, disconnect the appliance from the main power supply.
- The appliance must be properly grounded.

- Keep flammable materials away from the water heater.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

### 3. PRODUCT OVERVIEW AND FEATURES

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The Edesa One Vertical Electric Water Heater is designed for efficient hot water supply in residential settings. It incorporates several features to enhance performance, safety, and durability.

#### Key Features:

- **High-Density Insulation:** The polyurethane foam insulation minimizes heat loss, contributing to energy efficiency. This insulation is manufactured using CFC-free gases, making it environmentally responsible.
- **Electro-Stop Protection:** A specialized safety system that automatically cuts off the power supply in case of electrical leakage or overheating, preventing potential hazards.
- **Precise Temperature Regulation:** An external control knob allows for easy and precise adjustment of the water temperature, enabling users to optimize energy consumption based on seasonal needs.
- **O'PRO System:** This innovative system extends the lifespan of the magnesium anode by 50%, significantly increasing the durability of the water heater's tank.

# ONE

El termo One es la elección más sencilla y eficaz para cualquier hogar. Disponible en una amplia gama de capacidades, se adapta a las necesidades de todo tipo de familias.



CAPACIDAD



REGULADOR  
TEMPERATURA



3 AÑOS DE  
GARANTÍA  
EN LA CUBA



3 AÑOS DE  
GARANTÍA  
TOTAL



Figure 2: Edesa One Water Heater Features Overview. This diagram highlights the available capacities (30-150L), temperature regulator, 3-year tank warranty, and 3-year total warranty.



*Figure 3: Control Panel. The control panel allows users to select different operating modes, including a boost function for rapid heating and an eco mode for energy saving. It also indicates Wi-Fi connectivity status for smart control.*



*Figure 4: High-Density Insulation. This image illustrates the high-density polyurethane foam insulation, a key component that minimizes heat loss and contributes to the water heater's energy efficiency.*

## 4. SETUP AND INSTALLATION

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The Edesa One water heater is designed for vertical wall mounting. Professional installation is highly recommended to ensure safety and compliance with all local plumbing and electrical codes.

### Installation Steps (General Overview):

1. **Unpacking:** Carefully remove the water heater from its packaging. Inspect for any damage.
2. **Location Selection:** Choose a suitable location for vertical wall mounting, ensuring the wall can support the full weight of the water heater when filled with water (approx. 101 kg for 80L model). Ensure adequate space for maintenance and ventilation.
3. **Mounting:** Securely mount the water heater to the wall using appropriate fasteners and brackets (not included, typically).

4. **Plumbing Connections:** Connect the water inlet and outlet pipes. Ensure all connections are watertight. The included safety valve and sleeve must be installed correctly.
5. **Electrical Connection:** Connect the appliance to a dedicated electrical circuit with proper grounding, following local electrical codes. The water heater operates at 230 Volts and 1500 Watts.
6. **Filling the Tank:** Before powering on, open a hot water tap in your home to allow air to escape and the tank to fill completely with water. Close the tap once water flows steadily.



Figure 5: Water Connections and Regulator. The bottom section of the water heater features clearly marked connections for water inlet and outlet, along with the accessible external temperature regulation knob for user adjustment.

## 5. OPERATING INSTRUCTIONS

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Once installed and filled with water, operating your Edesa One water heater is straightforward.

### Initial Startup:

1. Ensure the tank is completely filled with water (as per installation step 6).
2. Connect the water heater to the main power supply.
3. Use the external temperature regulation knob to set your desired water temperature. For energy saving, it is recommended to set the temperature to the lowest comfortable level.
4. The water heater will begin heating the water. The heating time will vary depending on the initial water temperature and the selected setting.

### Temperature Adjustment:

The external knob allows you to easily adjust the water temperature. Turning the knob clockwise typically increases the temperature, while turning it counter-clockwise decreases it. Adjust the temperature as needed for comfort and energy efficiency.

## 6. MAINTENANCE

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Regular maintenance ensures the longevity and efficient operation of your Edesa One water heater.

- **Anode Inspection/Replacement:** The magnesium anode protects the tank from corrosion. Thanks to the O'PRO system, its lifespan is extended. However, it should still be inspected periodically (e.g., every 1-2 years, depending on water quality) and replaced by a qualified technician if significantly depleted.

- **Draining and Descaling:** In areas with hard water, mineral deposits can accumulate inside the tank. Periodically draining and descaling the tank (e.g., annually) can prevent efficiency loss and damage. This procedure should be performed by a qualified technician.
- **Safety Valve Check:** Periodically check the safety valve to ensure it is not blocked and functions correctly. Follow manufacturer guidelines for testing.
- **External Cleaning:** Clean the exterior of the water heater with a soft, damp cloth. Do not use abrasive cleaners or solvents.

**Caution:** Always disconnect the water heater from the power supply before performing any maintenance.

## 7. TROUBLESHOOTING

This section addresses common issues you might encounter with your water heater.

Problem	Possible Cause	Solution
No hot water	No power supply Thermostat setting too low Heating element failure	Check circuit breaker/fuse Adjust thermostat to a higher setting Contact qualified technician
Insufficient hot water	Thermostat setting too low Excessive hot water usage Sediment buildup in tank	Increase thermostat setting Reduce hot water consumption Contact qualified technician for descaling
Water too hot	Thermostat setting too high	Decrease thermostat setting
Water leakage	Loose connections Faulty safety valve Tank corrosion	Tighten connections Contact qualified technician for inspection/replacement Contact qualified technician
Unusual noises	Sediment buildup Heating element issue	Contact qualified technician for descaling/inspection

If you are unable to resolve an issue using this guide, please contact customer support or a qualified technician.

## 8. TECHNICAL SPECIFICATIONS

Below are the technical specifications for the Edesa One Vertical Electric Water Heater 80L (Model: 951320).

Specification	Value
Brand	EDESA
Model Number	951320
Capacity	80 Liters
Product Dimensions (H x W x D)	81.1 x 43.3 x 45.1 cm
Product Weight (empty)	21 kg

<b>Specification</b>	<b>Value</b>
Voltage	230 Volts
Electrical Power	1500 Watts
Energy Efficiency Class	C
Mounting Type	Vertical Wall Mount
Included Components	Cable, Safety Valve, Sleeve
Manufacturer	Groupe Atlantic
Availability of Spare Parts in EU	10 Years



# Ficha del producto

Reglamento Delegado (UE) 812/2013

Nombre o marca comercial del proveedor	EDESA
Identificador del modelo	951320
Perfil de carga declarado	M
Clase de eficiencia energética del caldeo de agua	C
Eficiencia energética del caldeo de agua	36 %
Consumo anual de electricidad	1 428 kWh
Consumo anual de combustible	- GJ
<b>Otra información</b>	
Ajustes de temperatura del termostato	53
Nivel de potencia acústica (en el interior)	15 dB
Precauciones específicas	Refer to the manual

Modelo introducido en el mercado de la Unión desde 16/12/2022



**Número de registro EPREL:** 1535936

<https://eprel.ec.europa.eu/qr/1535936>

**Proveedor:** ATLANTIC SOC FRANCAISE DEVELOP THERMIQUE (Repres  
entante autorizado)

**Sitio web:**

**Servicio de atención al cliente:**

**Nombre:** Service Avant-Vente International

**Sitio web:**

**Correo electrónico:** [masterdatarticle@groupe-atlantic.com](mailto:masterdatarticle@groupe-atlantic.com)

**Teléfono:** +33 (0)1 85 32 00 14

**Dirección:**  
ARCUEIL

Figure 6: Product Data Sheet. This image displays the official product data sheet, including detailed technical specifications and a QR code linking to the EPREL database for further information.

For detailed product information, refer to the EPREL database: <https://eprel.ec.europa.eu/qr/1535936>

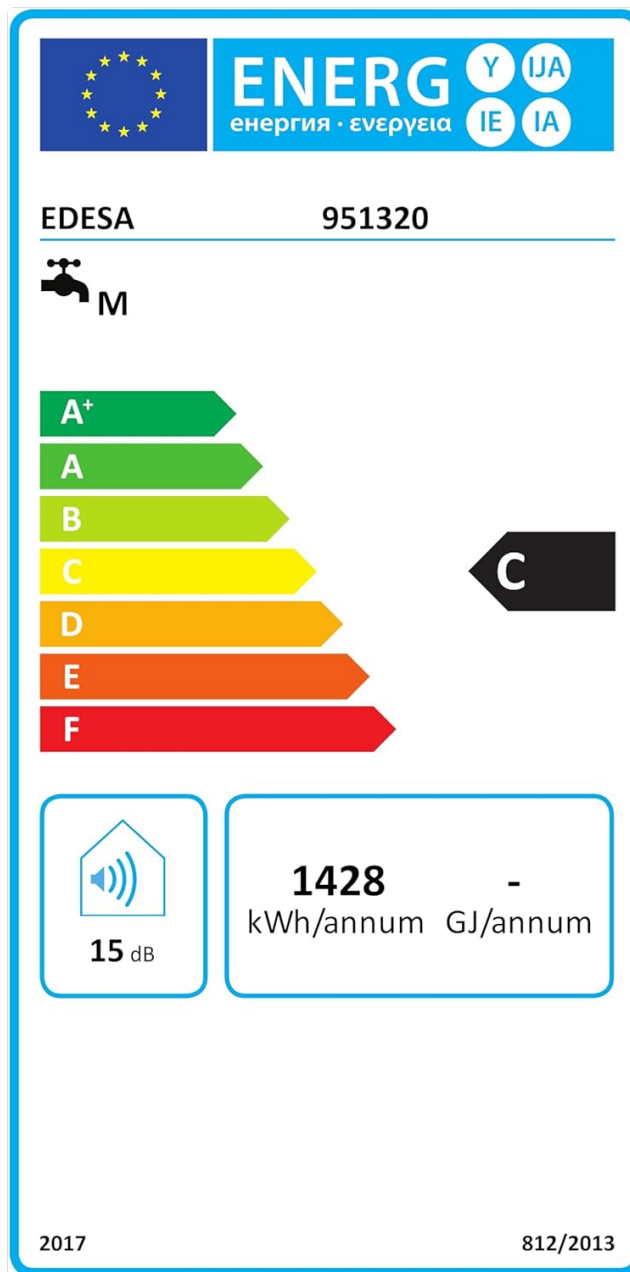


Figure 7: Energy Label. The energy label for model 951320 indicates an energy efficiency class of C and an annual energy consumption of 1428 kWh.

## 9. WARRANTY INFORMATION

The Edesa One Vertical Electric Water Heater comes with a **3-year total warranty**, which includes a specific **3-year warranty on the tank**. This warranty covers manufacturing defects and ensures reliable operation under normal use conditions. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty card included with your product or contact customer support.

## 10. CUSTOMER SUPPORT

For technical assistance, spare parts, or warranty inquiries, please contact Edesa customer support:

**Service Provider:** Service Avant-Vente international

**Email:** [masterdatarticle@groupe-atlantic.com](mailto:masterdatarticle@groupe-atlantic.com)

**Phone:** +33 (0)1 85 32 00 14

