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## EDESA 961324

# Edesa One 100L Electric Vertical Water Heater User Manual

## INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Edesa One 100L Electric Vertical Water Heater. Please read these instructions carefully before use and retain them for future reference.

The Edesa One electric water heater is designed to provide hot water efficiently and comfortably. Its vertical and compact design allows it to fit into various spaces without sacrificing performance. The vitrified tank ensures durability and resistance to corrosion, while external regulation allows for precise temperature control.

## SAFETY INFORMATION

### General Safety Precautions

- Ensure the water heater is installed by a qualified professional in accordance with local regulations.
- Do not operate the water heater if it is damaged or malfunctioning.
- Always disconnect power before performing any maintenance or repairs.
- 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.

### Electro-stop Electronic Protection

All EDESA water heaters feature the special "Electro-stop" safety system. This device automatically cuts off the power supply circuit in case of an electrical leak or overheating, preventing potential hazards and ensuring user safety.

## PRODUCT FEATURES

- **High-Density Insulation:** The polyurethane foam used in Edesa water heaters minimizes heat loss, contributing to energy efficiency. This insulation is manufactured using responsible, greenhouse gas-friendly gases (CFC-free).
- **Precise Temperature Regulation:** An external control knob allows for easy adjustment of water temperature. This feature helps optimize energy consumption by heating water only to the required temperature, which can vary between seasons.
- **O'PRO System:** This system extends the lifespan of the magnesium anode by 50%, ensuring greater durability and protection for the water heater's tank.
- **Vitrified Tank:** The tank's vitrified coating guarantees durability and resistance to corrosion, prolonging the life of the appliance.





Figure 1: Edesa One 100L Electric Vertical Water Heater. This image shows the main view of the white, cylindrical water heater with the Edesa logo.

# 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 highlighting key features. This image illustrates the water heater alongside icons representing its capacity (30L-150L), temperature regulator, 3-year tank warranty, and 3-year total warranty.

## SETUP AND INSTALLATION

### Unpacking

Carefully remove the water heater from its packaging. Inspect the unit for any damage incurred during transit. Retain packaging materials for potential future transport or return.

### Mounting

The Edesa One 100L water heater is designed for vertical installation. Ensure the mounting surface is structurally sound and capable of supporting the full weight of the water heater when filled with water (approximately 124 kg for the 100L model). Use appropriate wall anchors and follow all local plumbing and electrical codes for secure installation.

### Plumbing Connections

Connect the cold water inlet and hot water outlet pipes to the designated ports on the water heater. Install the safety valve and any included sleeves as per the manufacturer's instructions. Ensure all connections are properly sealed and watertight to prevent leaks.

## Electrical Connection

Connect the water heater to a suitable electrical supply (230 Volts, 1500 Watts) using an appropriate electrical cable. This connection must be performed by a qualified electrician in compliance with all local electrical codes. The integrated "Electro-stop" safety system provides protection against electrical leaks and overheating.

## OPERATING INSTRUCTIONS

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### Initial Startup

1. Before switching on the power, ensure the water heater is completely filled with water. Open a hot water tap in your home to allow air to escape from the system until water flows steadily from the tap.
2. Once the water heater is confirmed to be full, connect the power supply.

### Temperature Adjustment

Use the external regulation knob, typically located on the front or bottom of the unit, to set the desired water temperature. Adjusting the temperature to the lowest comfortable setting can help conserve energy and reduce operating costs.

# Ficha del producto

Reglamento Delegado (UE) 812/2013

Nombre o marca comercial del proveedor	EDESA
Identificador del modelo	961324
Perfil de carga declarado	L
Clase de eficiencia energética del caldeo de agua	C
Eficiencia energética del caldeo de agua	37 %
Consumo anual de electricidad	2 765 kWh
Consumo anual de combustible	- GJ
<b>Otra información</b>	
Ajustes de temperatura del termostato	57
Nivel de potencia acústica (en el interior)	15 dB
Precauciones específicas	Refer to the manual
Indicación inteligente	NA

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



**Número de registro EPREL:** 1535943

<https://eprel.ec.europa.eu/qr/1535943>

**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

## MAINTENANCE

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### Regular Checks

- Periodically check the pressure relief valve for proper operation. Follow manufacturer guidelines for testing.
- Inspect the water heater and all connections for any signs of leaks. Address any leaks promptly to prevent damage.

### Anode Replacement (O'PRO System)

While the O'PRO system extends the lifespan of the magnesium anode, regular inspection and eventual replacement of the anode are crucial for preventing corrosion and maintaining the tank's integrity. It is recommended to consult a qualified technician for anode inspection and replacement, typically every 1-3 years depending on water quality.

### Draining the Water Heater

If the water heater needs to be drained (e.g., for maintenance, long periods of inactivity, or if there is a risk of freezing), follow these steps: disconnect the power supply, close the cold water inlet valve, and open a hot water tap in your home. Then, open the drain valve located at the bottom of the water heater to allow the water to empty.

## TROUBLESHOOTING

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This section provides solutions to common issues you might encounter. For problems not listed here, or if you are unsure about any procedure, contact qualified service personnel.

- **No Hot Water:** Check if the water heater is receiving power. Verify the circuit breaker has not tripped. Ensure the thermostat setting is appropriate and the water heater is completely filled with water.
- **Insufficient Hot Water:** The temperature setting may be too low, or there might be excessive hot water usage. Adjust the temperature higher if needed, or allow more recovery time between uses.
- **Leaking:** For minor leaks around connections, try gently tightening the fittings. For any leaks from the tank itself, immediately disconnect the power and water supply to the unit and contact a professional service technician.
- **Unusual Noises:** Rumbling or popping noises can indicate sediment buildup at the bottom of the tank. Draining and flushing the tank may resolve this issue. If noises persist, consult a technician.

## SPECIFICATIONS

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Feature	Specification
Brand	EDESA
Model Number	961324
Capacity	100 Liters
Dimensions (L x W x H)	45.1 x 45.1 x 101.3 cm
Weight	24 Kilograms

Feature	Specification
Power	1500 Watts
Voltage	230 Volts
Maximum Pressure	8 Bars
Material (Outer Casing)	Aluminium
Energy Efficiency Class	C
Annual Electricity Consumption	2765 kWh/annum
Noise Level	15 dB
Manufacturer	Groupe Atlantic
Country of Origin	Egypt
Spare Parts Availability	10 Years

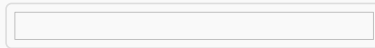


Figure 4: Edesa One Product Data Sheet. This document provides detailed technical specifications and regulatory information for the water heater, including model identifier, energy class, annual consumption, and noise level.

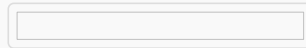


Figure 5: Edesa One Energy Label. This label displays the energy efficiency class (C), annual electricity consumption (2765 kWh/annum), and noise level (15 dB) of the water heater.

## WARRANTY AND SUPPORT

### Warranty Information

The Edesa One water heater typically comes with a warranty. The product features mention a 3-year warranty on the tank and a 3-year total warranty. Please refer to your purchase documentation or contact customer support for complete and specific warranty terms and conditions applicable to your region.

### Customer Support

For technical assistance, spare parts, or warranty claims, please contact the authorized service provider:

- **Service Name:** Service Avant-Vente International
- **Email:** [masterdatarticle@groupe-atlantic.com](mailto:masterdatarticle@groupe-atlantic.com)
- **Phone:** +33 (0)1 85 32 00 14
- **Address:** ARCUEIL

### EPREL Database Link

Further detailed product information, including energy efficiency data, can be found on the European Product Registry for Energy Labelling (EPREL) database:

<https://eprel.ec.europa.eu/qr/1535943>

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