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> Ariston Blu1 Eco 100L Horizontal Electric Water Heater User Manual

Ariston Blu1 Eco 100L Horizontal (Model 3201126)

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Model: 3201126

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient installation, operation, and maintenance of your Ariston Blu1 Eco 100-liter horizontal electric water heater. Please read this manual thoroughly before installation and use, and keep it for future reference. Proper installation and maintenance are crucial for optimal performance and longevity of the appliance.



Figure 1: Ariston Blu1 Eco 100L Horizontal Electric Water Heater.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions could result in property damage, serious injury, or death.

- Installation and maintenance must be performed by qualified personnel in accordance with local regulations and this manual.
- Ensure the electrical supply is disconnected before performing any work on the water heater.
- The water heater must be properly grounded.
- Do not operate the water heater if it is damaged or malfunctioning.
- Do not block the pressure relief valve. Regular checks of the pressure relief valve are essential.
- Ensure the water heater is filled with water before connecting it to the electrical supply.
- Keep flammable materials away from the appliance.
- 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 FEATURES

The Ariston Blu1 Eco water heater is designed with advanced features for efficiency and user comfort:

- **Eco Evo Function:** An intelligent learning system that adapts to your hot water consumption habits, optimizing heating cycles to reduce electricity consumption by up to 14% annually.
- **WATERPLUS Function:** This technology provides up to 20% more hot water compared to standard water heaters by keeping cold water at the bottom of the tank, preventing it from mixing with the heated water.
- **T-MAX Function:** Activates rapid heating to quickly meet urgent hot water demands.
- **Titanium Enamel Tank:** The inner tank is coated with titanium enamel, offering superior protection against corrosion and limescale buildup, thereby extending the appliance's lifespan.
- **Large Magnesium Anode:** A generously sized sacrificial magnesium anode provides enhanced protection against corrosion, ensuring greater durability of the tank.
- **Intuitive Display:** A user-friendly side-mounted display shows the current temperature and allows for easy programming of various functions.
- **Hidden Hydraulic Connections:** Designed for improved aesthetics and seamless integration into your living space.



Figure 2: Control panel of the Ariston Blu1 Eco water heater.

4. SETUP AND INSTALLATION

Important: Installation must be carried out by a qualified professional.

4.1. Included Components

The electric water heater package includes:

- Dielectric sleeves
- 8 bar safety valve
- Wall bracket (screws not included)
- Power cable and plug
- Instruction manual
- Energy label

4.2. Required Tools (Not Included)

- Flexible hoses
- Level

- Wall plugs and screws suitable for your wall type
- Teflon tape
- Basic plumbing tools (wrenches, drill, hammer)



Figure 3: Included and Not Included Components.

4.3. Installation Steps

1. **Turn off Water Supply:** Close the main water shut-off valve to prevent water flow.
2. **Check Space:** Ensure the water heater fits correctly in the chosen horizontal installation space.
3. **Mark and Drill:** Once the position is confirmed, mark the drilling points for the wall bracket and drill the holes.
4. **Install Wall Hangers:** Securely attach the wall hangers to the wall using appropriate screws and plugs.
5. **Mount Water Heater:** Carefully hang the water heater onto the installed wall hangers.
6. **Connect Hoses and Safety Valve:** Screw on the dielectric sleeves and then install the 8 bar safety valve. Connect the respective flexible hoses to the water inlet (cold) and outlet (hot) connections.
7. **Fill with Water:** Open the main water supply valve and allow the water heater to fill completely. Open a hot water tap in your home to release air from the system until water flows steadily.

8. **Connect to Power:** Once the tank is full of water, connect the water heater to the electrical supply.

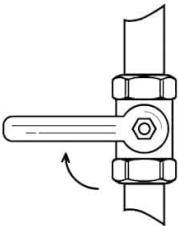
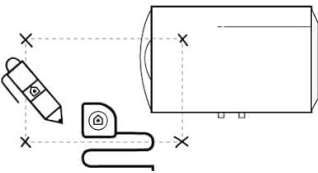
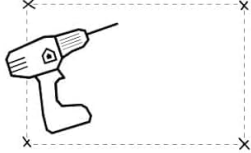

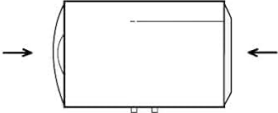
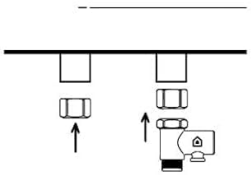
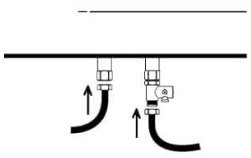

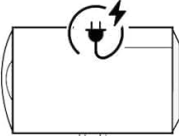

<p>1. </p> <p>Cierra la llave de paso del agua.</p>	<p>2. </p> <p>Asegúrate que el termo cabe bien en su espacio.</p>	<p>3. </p> <p>Asegúrate que el termo va a quedar recto y ahora sí, ya puedes empezar a taladrar.</p>
<p>4. </p> <p>Coloca los colgadores en la pared.</p>	<p>5. </p> <p>Cuelga el termo de los colgadores.</p>	<p>6. </p> <p>Enrosca los manguitos electrólitos y después coloca la válvula de seguridad.</p>
<p>7. </p> <p>Coloca los flexos respectivos a la entrada y salida de agua.</p>	<p>8. </p> <p>Llena el depósito de agua.</p>	<p>9. </p> <p>Una vez lleno de agua conecta el termo a la corriente.</p>
<p> Desliza hacia abajo hasta la sección guías y documentos para encontrar el manual de instalación completo.</p>		

Figure 4: Visual guide for water heater installation.

5. OPERATING INSTRUCTIONS

5.1. Control Panel Overview

The control panel, located on the side of the unit, features an intuitive display and buttons for temperature adjustment and function selection. The display shows the current water temperature.

5.2. Setting Temperature

Use the '+' and '-' buttons on the control panel to adjust the desired water temperature. The display will show the set temperature. The water heater will then work to reach and maintain this temperature.

5.3. Activating Eco Evo Function

Press the 'ECO' button on the control panel to activate the Eco Evo function. The water heater will begin to learn your hot water usage patterns over several days, optimizing its heating schedule to save energy. An indicator light will confirm that Eco Evo is active.

5.4. Using T-MAX Function

If you require hot water quickly, press the 'T-MAX' button. This function initiates a rapid heating cycle to provide hot water in a shorter timeframe. This is useful for unexpected demands.

6. MAINTENANCE

Regular maintenance ensures the efficiency and extends the lifespan of your Ariston Blu1 Eco water heater. Always disconnect the power supply before performing any maintenance.

- **Anode Inspection:** The magnesium anode is a consumable part that protects the tank from corrosion. It should be inspected and replaced by a qualified technician every 1-2 years, depending on water quality.
- **Pressure Relief Valve Check:** Manually operate the pressure relief valve at least once a year to ensure it is not blocked and functions correctly. Follow the manufacturer's instructions for this procedure.
- **Descaling:** In areas with hard water, limescale can build up on the heating element and inside the tank, reducing efficiency. Descaling should be performed periodically by a qualified technician.
- **Draining the Tank:** If the water heater will be out of use for an extended period or if there is a risk of freezing, the tank should be drained. Consult a professional for this procedure.
- **External Cleaning:** Clean the exterior of the water heater with a soft, damp cloth. Do not use abrasive cleaners or solvents.

7. TROUBLESHOOTING

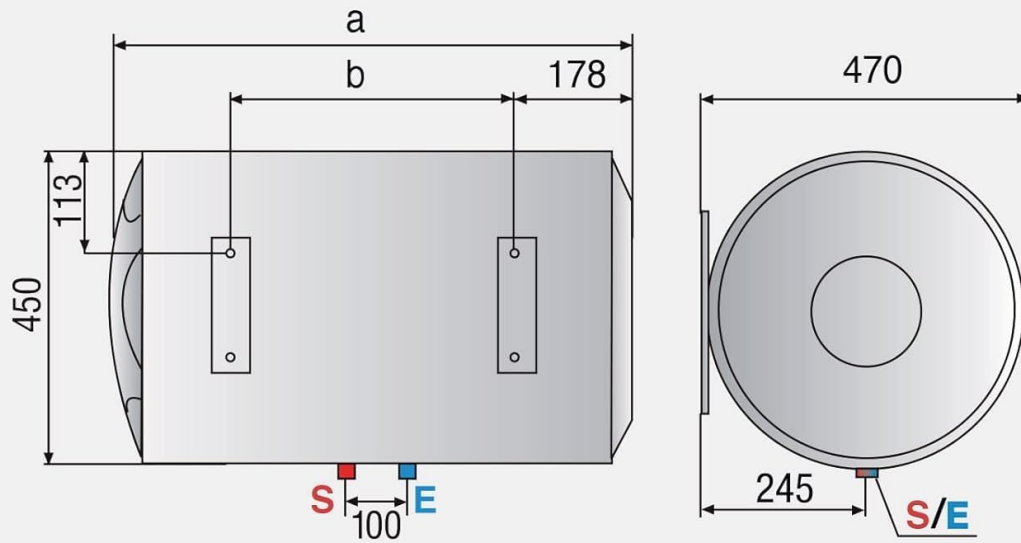
Before contacting technical support, please check the following common issues:

Problem	Possible Cause	Solution
No hot water	No power supply; thermostat tripped; heating element failure.	Check power connection and circuit breaker. Reset thermostat if applicable. Contact technician if element failed.
Insufficient hot water	Temperature setting too low; excessive hot water usage; limescale buildup.	Increase temperature setting. Allow more recovery time. Contact technician for descaling.
Water is too hot	Temperature setting too high.	Decrease temperature setting.
Water leak	Loose connections; faulty pressure relief valve; tank corrosion.	Tighten connections. Inspect/replace pressure relief valve. Contact technician for tank inspection.
Unusual noises	Sediment buildup in tank; heating element issues.	Contact technician for descaling and inspection.

8. SPECIFICATIONS

Feature	Specification
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Feature	Specification
Brand	Ariston
Model Number	3201126
Capacity	100 Liters
Installation Type	Wall-mounted, Horizontal
Dimensions (L x W x H)	91.3 x 47 x 45 cm
Item Weight	25.5 Kilograms
Power	1500 Watts
Voltage	220 Volts
Material	Titanium (tank enamel)
Maximum Operating Pressure	8 Bars
Energy Efficiency Class	B
Heating Time (approx.)	3h 19min



80L

a 758 mm

b 334 mm

Figure 5: General dimensions diagram. Refer to the specifications table for exact 100L model dimensions.

9. WARRANTY AND SUPPORT

9.1. Warranty Information

The Ariston Blu1 Eco 100L Electric Water Heater comes with a **3-year total warranty**. Please retain your proof of purchase for warranty claims. The warranty covers manufacturing defects under normal use and service. For specific terms and conditions, refer to the warranty card included with your product.

9.2. Technical Support

For technical assistance, installation queries, or warranty service, please contact Ariston's official technical support. Ariston is committed to providing sustainable comfort solutions and offers dedicated support throughout Spain.

Technical Support Phone: 91 060 24 42

You can also visit the official Ariston website for more information and to locate authorized service centers.

