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> Ariston NEXT EVO X BLU SFT 11 Gas Natural EU Water Heater User Manual

## Ariston NEXT EVO X BLU SFT 11 GAS NATUREL EU

# Ariston NEXT EVO X BLU SFT 11 Gas Natural EU Water Heater User Manual

Model: NEXT EVO X BLU SFT 11 GAS NATUREL EU (3632429)

## 1. INTRODUCTION

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This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Ariston NEXT EVO X BLU SFT 11 Gas Natural EU sealed gas water heater. Please read this manual thoroughly before installation and use, and keep it for future reference.

The Ariston NEXT EVO X BLU SFT 11 is an instantaneous, sealed gas water heater designed for high efficiency and low NOx emissions. It features thermostatic technology for stable water temperature, electronic regulation with an intuitive LED display, and operates effectively even at low water pressure (0.2 bar).



Figure 1: Front view of the Ariston NEXT EVO X BLU SFT 11 Gas Natural EU Water Heater.

## 2. IMPORTANT SAFETY INFORMATION

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**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.

- Installation must be performed by qualified personnel in accordance with all local and national regulations.
- Ensure adequate ventilation as specified by local codes.
- Do not store flammable materials near the water heater.
- This appliance is designed for natural gas. Do not attempt to convert it to other gas types.

- The flue outlet is not included with the heater and must be installed correctly by a professional.
- Regular maintenance is crucial for safe and efficient operation.



Figure 2: The LOW NOx TECH logo, indicating reduced nitrogen oxide emissions for environmental safety.

## 3. PRODUCT OVERVIEW

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### 3.1 Key Features

- **Sealed Combustion:** Utilizes a double-tube flue system for fresh air intake from outside and safe exhaust of combustion gases, ensuring no indoor air is used for combustion.
- **Low NOx Emissions:** Designed to minimize nitrogen oxide emissions, contributing to environmental protection.
- **Thermostatic Technology:** Maintains a stable water temperature, providing consistent hot water even when multiple taps are in use.
- **Electronic Regulation:** Advanced electronic control for precise temperature adjustment and management.
- **Intuitive LED Display:** HMI interface with soft-touch buttons allows for easy viewing and adjustment of water temperature degree by degree.
- **Eco Mode:** Limits temperature between 35°C and 45°C and reduces power by 80%, ideal for summer use or integration with solar systems.
- **Automatic Electronic Ignition:** Provides up to 25% gas savings compared to traditional models.
- **Compact Design:** Ultra-compact dimensions make it suitable for installation in small spaces.
- **Low Water Pressure Operation:** Functions effectively with water pressure as low as 0.2 bar.

### 3.2 Components

The main components include the sealed combustion chamber, heat exchanger, gas burner, electronic control board, LED display panel, water inlet/outlet connections, and gas inlet. The double-tube flue system is essential for its sealed operation.



Figure 3: Diagram illustrating the sealed combustion system with a double-tube flue, showing fresh air intake and exhaust gas expulsion.

## 4. SETUP AND INSTALLATION

**Important:** Installation must be carried out by a certified professional in compliance with all applicable local and national regulations for gas appliances.

### 4.1 Pre-Installation Checks

- Verify that the appliance is suitable for the available gas type (Natural Gas).
- Ensure the installation location meets ventilation requirements and is free from flammable materials.
- Confirm that water supply pressure is within the operating range (minimum 0.2 bar).
- Note that the flue outlet system is **NOT** included and must be sourced and installed separately by a qualified technician.

### 4.2 Mounting the Unit

1. Choose a suitable wall location, considering the compact dimensions of the unit.
2. Securely mount the water heater to the wall using appropriate fasteners.

### 4.3 Connections

- **Water Connections:** Connect the cold water inlet and hot water outlet pipes.
- **Gas Connection:** Connect the natural gas supply line to the appliance's gas inlet. Ensure all gas connections are leak-free.
- **Flue System:** Install the double-tube flue system according to manufacturer instructions and local codes. This system is crucial for sealed combustion.
- **Electrical Connection:** Insert 2 D batteries for electronic ignition.



Figure 4: The Ariston water heater installed in a kitchen environment, demonstrating its compact size and aesthetic integration.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Initial Start-up

1. Ensure all gas and water connections are secure and leak-free.
2. Open the main gas supply valve.
3. Open a hot water tap to allow water to flow through the unit. The electronic ignition will automatically start the burner.
4. Check the LED display for temperature readings and any error codes.

### 5.2 Temperature Adjustment

Use the soft-touch buttons on the HMI display to increase or decrease the desired hot water temperature. The display will show the set temperature in degrees Celsius.

### 5.3 Eco Mode

Activate Eco Mode by pressing the dedicated "ECO" button on the control panel. In this mode, the water temperature is limited to between 35°C and 45°C, and the power output is reduced by 80%. This mode is ideal for energy saving during warmer months or when integrated with solar water heating systems.



Figure 5: Angled view of the water heater, highlighting the intuitive LED display and soft-touch control buttons for temperature and Eco Mode.

## 6. MAINTENANCE

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Regular maintenance ensures the longevity, efficiency, and safe operation of your Ariston water heater. It is recommended to have the appliance inspected and serviced annually by a qualified technician.

## 6.1 User Maintenance (Monthly)

- Visually inspect the appliance for any signs of damage or leaks.
- Ensure the area around the water heater is clear of obstructions and flammable materials.
- Check the flue terminal outside for any blockages.

## 6.2 Professional Maintenance (Annually)

- Cleaning of the burner and heat exchanger.
- Inspection and cleaning of the flue system.
- Checking gas and water connections for leaks.
- Verification of safety devices and controls.
- Testing of combustion efficiency and emissions.

## 7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No hot water / Heater not igniting	No gas supply	Check gas valve.
	Low water pressure	Ensure water pressure is above 0.2 bar.
	Depleted batteries	Replace 2 D batteries.
	Flue blockage	Inspect flue for obstructions (contact technician).
Inconsistent water temperature	Incorrect temperature setting	Adjust temperature using the HMI display.
	Water flow fluctuations	Ensure stable water flow.
Error code on display	Specific fault detected	Refer to the full technical manual for specific error code meanings or contact Ariston technical support.

If the problem persists after attempting these solutions, please contact Ariston Technical Support.

## 8. TECHNICAL SPECIFICATIONS

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Feature	Detail
Brand	Ariston
Model	NEXT EVO X BLU SFT 11 GAS NATUREL EU
Model Number	3632429
Gas Type	Natural Gas
Capacity	11 Liters/minute
Energy Efficiency Class	A
Product Dimensions (L x W x H)	34.5 x 16.5 x 57 cm

Feature	Detail
Item Weight	15.7 Kilograms
Minimum Water Pressure	0.2 bar
Batteries Required	2 D batteries
Specific Features	Eco Mode, Thermostatic Technology, Low NOx
Declared Load Profile	XL
Thermostat Temperature Setting	55
Annual Electricity Consumption	14 kWh
Annual Fuel Consumption	19 GJ
Sound Power Level (Indoors)	63 dB

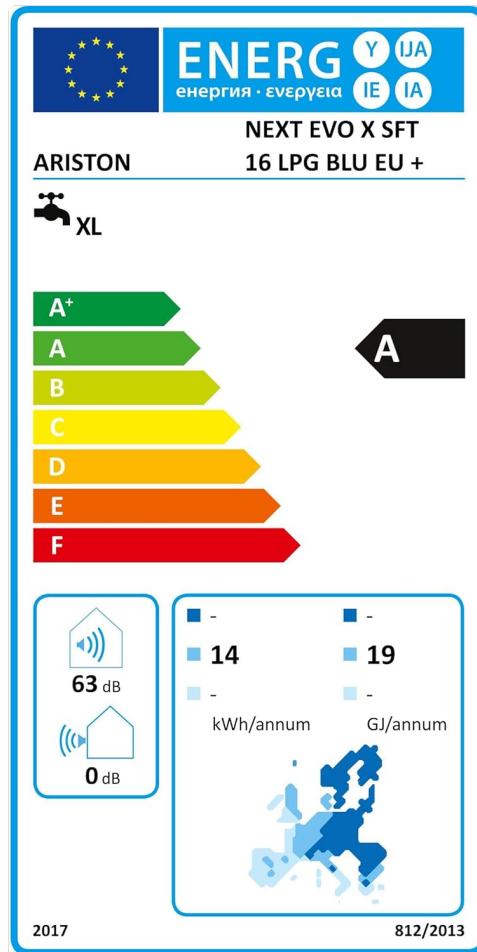


Figure 6: Energy label for a similar Ariston NEXT EVO X model, indicating energy efficiency class A.

For detailed product information and compliance, refer to the EPREL database <https://eprel.ec.europa.eu/qr/1443243>

## 9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or visit the official Ariston website. Ariston offers official technical support services.

### 9.1 Technical Support

If you require technical assistance or have questions regarding your Ariston water heater, please contact:

**Official Ariston Website:** <http://www.ariston.com/>

**Technical Support Phone (Spain):** +34 91 060 24 42

**Email:** [info.product.db@ariston.com](mailto:info.product.db@ariston.com)