

Bosch 7736505623

Bosch Balanz Vento Instant Water Heater

USER MANUAL

Model: 7736505623

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Bosch Balanz Vento Instant Water Heater. The Balanz Vento series combines innovative design with advanced technology to provide a smart and comfortable hot water experience for your home. Please read this manual thoroughly before installation and use, and keep it for future reference.

2. SAFETY INFORMATION

WARNING: Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury, or death. Refer to this manual. For assistance or additional information, consult a qualified installer, service agency, or the gas supplier.

- Always ensure proper ventilation when operating gas appliances.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- Ensure all gas and water connections are secure and leak-free.
- Only qualified personnel should perform installation and service.
- Keep children away from the appliance during operation.

3. PRODUCT OVERVIEW

The Bosch Balanz Vento Instant Water Heater is designed to provide on-demand hot water efficiently. This model, with a capacity of 20 liters for 4 services, features a forced draft system with a fan to ensure safe exhaust of combustion gases. Its modulating system guarantees stable water temperature even with simultaneous water demands.



Figure 3.1: Front view of the Bosch Balanz Vento Instant Water Heater.

Key Features:

- **Forced Draft System:** Equipped with a fan to ensure proper and safe exhaust of combustion gases.
- **Modulating Technology:** Maintains consistent water temperature even when multiple hot water outlets are in use simultaneously.
- **Digital Display:** Allows precise temperature control, adjustable degree by degree.
- **Advanced Safety System:** Includes intelligent detection of exhaust duct obstructions and a 3+1 safety system for enhanced protection.
- **Anti-Limescale Technology:** Requires less maintenance compared to traditional water heaters.
- **Durable Materials:** Constructed with high-quality copper components for longevity.

Display digital, controla la temperatura grado a grado



Figure 3.2: Digital display for precise temperature control.



Materiales en cobre



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Figure 3.3: Internal view highlighting the copper heat exchanger.

4. COMPONENTS

The product package includes:

- 1 x Bosch Balanz Vento Instant Water Heater
- 1 x User Manual

Additional components required for installation (not included):

- Gas supply line and fittings
- Water supply lines and fittings
- Exhaust venting system components
- Mounting hardware

5. SETUP (INSTALLATION)

Installation of the Bosch Balanz Vento Instant Water Heater must be performed by a qualified and certified professional in accordance with all local and national codes and regulations. Incorrect installation can lead

to serious hazards.

Installation Steps:

1. **Site Selection:** Choose a suitable location that is well-ventilated, protected from freezing temperatures, and allows for proper venting and access for maintenance. Ensure the wall can support the unit's weight.
2. **Mounting:** Securely mount the water heater to the wall using appropriate hardware, ensuring it is level.
3. **Water Connections:** Connect the cold water inlet and hot water outlet pipes. Ensure all connections are watertight.
4. **Gas Connection:** Connect the gas supply line to the water heater's gas inlet. Perform a leak test after connection.
5. **Electrical Connection:** Connect the unit to a 127V electrical outlet. The unit requires power for its digital display, fan, and control systems.
6. **Venting System:** Install the exhaust venting system according to manufacturer guidelines and local codes to ensure safe removal of combustion gases. The forced draft system assists in this process.



Figure 5.1: Dimensions and connection points for installation.



CONEXIÓN BÁSICA

¡GRATIS!

*Para agendar su conexión llame al **(55) 1500-5867**
o ingresa a **www.bosch-homecomfort.mx**



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Figure 5.2: Illustration of basic connection points for the water heater.

6. OPERATING

Once installed and all connections are verified, you can begin operating your Bosch Balanz Vento water heater.

Initial Startup:

1. Ensure the gas supply valve is open.
2. Open a hot water faucet in your home to allow water to flow through the unit.
3. The unit will automatically detect water flow and ignite to heat the water.

Temperature Adjustment:

Use the digital display and control buttons to set your desired water temperature. The modulating technology will ensure the water reaches and maintains this temperature consistently.

Regula la temperatura de manera **automática**, logrando **baños perfectos**.



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Figure 6.1: The water heater automatically regulates temperature for optimal comfort.

Shutting Down:

To temporarily shut down the unit, close all hot water faucets. For extended periods of non-use, it is recommended to turn off the gas supply valve to the unit.

7. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your water heater. While the Balanz Vento features anti-limescale technology, periodic checks are still recommended.

- **Annual Inspection:** Have a qualified technician inspect the unit annually. This includes checking gas connections, water connections, venting system, and overall operation.
- **Cleaning:** Keep the exterior of the unit clean. Do not use abrasive cleaners.
- **Ventilation:** Ensure the area around the water heater remains clear and well-ventilated to prevent obstruction of air intake or exhaust.
- **Descaling:** Although equipped with anti-limescale technology, in areas with very hard water, periodic descaling may be beneficial. Consult a professional for this procedure.

8. TROUBLESHOOTING

This section provides solutions to common issues you might encounter. For problems not listed here or if solutions do not resolve the issue, contact a qualified service technician.

Problem	Possible Cause	Solution
No hot water	No gas supply; no water flow; power outage; unit lockout.	Check gas valve; open hot water faucet; check power supply; reset unit by turning off and on.
Insufficient hot water	Temperature setting too low; excessive hot water demand; partial obstruction.	Increase temperature setting; reduce simultaneous hot water use; check for kinks in water lines.
Unit displays error code	Various internal issues (e.g., ignition failure, sensor error, exhaust obstruction).	Refer to the specific error code in the detailed manual (if available) or contact service.
Unusual noises	Mineral buildup; fan issue; loose components.	Consider descaling; contact service for inspection.

9. SPECIFICATIONS

Attribute	Specification
Brand	Bosch
Model Number	7736505623
Capacity	20 Liters / 4 Services
Fuel Type	Natural Gas
Color	White
Material	Copper, Metal
Dimensions (L x W x H)	17.78 x 35.56 x 58.42 cm (7 x 14 x 23 inches)
Weight	14 Kilograms
Power Source	Batteries (Note: Product reviews indicate 127V electrical connection)
Batteries Required	Yes (for ignition/control, if primary power is batteries)
Mounting Type	Wall

10. WARRANTY AND SUPPORT

Bosch stands behind the quality of its products. Your Balanz Vento Instant Water Heater comes with a comprehensive warranty:

- **5-Year Warranty** on the main components of the water heater.
- **2-Year Warranty** on electrical/electronic components.



Tu tranquilidad
asegurada
con **BOSCH**



*2 años en componentes eléctricos/electrónicos y 5 años en el resto del calentador.



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Figure 10.1: Bosch warranty information.

For warranty claims, technical support, or to inquire about basic connection services, please contact Bosch directly:

- **Telephone:** (55) 1500-5867
- **Website:** bosch-climate.com

Please have your model number (7736505623) and purchase information ready when contacting support.