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Bosch 7736505622

BOSCH Balanz Vento Instantaneous Water Heater

Model: 20 L / 4 Services GAS LP

1. PRODUCT OVERVIEW

The BOSCH Balanz Vento Instantaneous Water Heater is designed to provide efficient and continuous hot water for your home. This modulating gas water heater offers significant gas savings by activating only when hot water is required. It features advanced thermostatic control to maintain a consistent temperature, ensuring comfort and preventing temperature fluctuations. Equipped with multiple safety sensors, it prioritizes the well-being of your household. The Balanz Vento model is also compatible with solar water heating systems as a reliable backup.



Figure 1.1: Front view of the BOSCH Balanz Vento Instantaneous Water Heater, showcasing its compact and modern design.

- **Wi-Fi Connectivity:** Control the water heater remotely via the HomeCOM Easy application (accessory required).
- **Gas Savings:** Achieve up to 78% gas savings as the unit only heats water on demand.
- **Thermostatic Control:** Automatically adjusts temperature to deliver consistent hot water.
- **Safety Features:** Includes overheating sensor, gas leak sensor, double safety valve for gas flow, and toxic gas sensor.
- **Anti-Scale System:** Prevents scale buildup, extending the product's lifespan.
- **Capacity:** Designed for 4 showers.

2. SETUP AND INSTALLATION

Proper installation is crucial for the safe and efficient operation of your BOSCH Balanz Vento water heater. It is highly recommended that installation be performed by a certified professional to ensure compliance with all local codes and safety regulations.

2.1. Pre-Installation Checks

- Verify that the gas type (LP Gas) matches your home's supply.
- Ensure adequate ventilation in the installation area.
- Confirm that the electrical connection (110 Volts) is available and meets requirements.
- Inspect the unit for any shipping damage before installation.

2.2. Basic Connection Service

A basic connection service may be included with your purchase. Please contact Bosch customer service to schedule your installation. Refer to the terms and conditions provided at the time of purchase for details on this service.

An advertisement for Bosch's complimentary basic connection service. The background is a solid blue color. On the left side, a hand is shown holding a silver adjustable wrench. The text 'CONEXIÓN BÁSICA' is written in large, white, bold, sans-serif capital letters. Below this, the word '¡GRATIS!' is written in a large, yellow, 3D-style font with a red outline. At the bottom right, there is a line of text in white: '*Para agendar su conexión llame al (55) 1500-5867 o ingresa a www.bosch-homecomfort.mx'. At the bottom left, the Bosch logo (a circle with an 'H' inside) is followed by the word 'BOSCH' in red, and 'Innovación para tu vida' in smaller black text below it. At the bottom right, the text 'Home Comfort Group' is written in black. A decorative horizontal bar with segments of red, purple, blue, green, and yellow is located at the very bottom of the advertisement.

Figure 2.1: Illustration of the complimentary basic connection service offered by Bosch. Contact customer service to arrange.

2.3. Physical Installation

Mount the water heater securely on a wall, ensuring it is level. Connect the gas supply, cold water inlet, and hot water outlet according to the diagrams in the full installation manual. Ensure all connections are sealed and leak-free. The unit's dimensions are approximately 35.56 cm (width) x 58.42 cm (height).



Figure 2.2: The water heater installed in a kitchen setting, highlighting its compact size and connection points. Dimensions are approximately 33.3cm width and 57.3cm height.

2.4. Wi-Fi Module Installation (Optional Accessory)

If you have purchased the Wi-Fi accessory, follow the instructions provided with the module for installation and connection to your home network. This enables remote control via the HomeCOM Easy app.

3. OPERATING INSTRUCTIONS

The BOSCH Balanz Vento water heater is designed for user-friendly operation. Once properly installed and connected, it will provide hot water on demand.

3.1. Powering On/Off

Ensure the gas supply valve is open and the unit is connected to the electrical power source. The unit will typically enter a standby mode. It will automatically ignite when a hot water tap is opened.

3.2. Temperature Control

The water heater features a digital display that allows precise temperature adjustment. Use the control buttons on the unit to set your desired water temperature. The thermostatic technology will then maintain this temperature automatically, even with variations in water flow.

Display digital, controla la temperatura grado a grado



Figure 3.1: The digital display and control interface, allowing precise temperature adjustments.

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



Home Comfort Group

Figure 3.2: The thermostatic control ensures consistent water temperature for a comfortable showering experience.

3.3. Wi-Fi Control (with accessory)

If the Wi-Fi accessory is installed, download the HomeCOM Easy application on your smartphone. Follow the app's instructions to pair it with your water heater. This allows you to monitor and adjust the water temperature remotely, enhancing convenience and energy management.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your BOSCH Balanz Vento water heater. Always disconnect power and turn off the gas supply before performing any maintenance.

4.1. Anti-Scale System

The unit is equipped with an anti-scale system to minimize mineral buildup. While this system reduces maintenance needs, periodic inspection of the heat exchanger for scale is recommended, especially in areas with hard water. Consult a professional for descaling if necessary.



Materiales en cobre



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Figure 4.1: Internal components of the water heater, highlighting the copper heat exchanger which benefits from the anti-scale technology.

4.2. General Cleaning

Clean the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the air intake and exhaust vents are clear of obstructions.

4.3. Professional Inspection

It is advisable to have the water heater inspected by a qualified technician annually to ensure all components are functioning correctly and safely, including gas connections and safety sensors.

5. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No hot water / Unit not igniting	Gas supply off, power disconnected, low water pressure, safety sensor activated.	Check gas valve, ensure power connection, verify water pressure, check for error codes on display.
Inconsistent water temperature	Fluctuating water flow, scale buildup, sensor malfunction.	Ensure stable water flow, consider professional descaling, contact service if issue persists.
Unit making unusual noises	Air in system, scale buildup, component wear.	Bleed air from water lines, professional inspection recommended.
Gas smell	Gas leak.	Immediately turn off gas supply, ventilate area, and contact emergency services/qualified technician. Do not operate the unit.

5.1. Safety Features

The Balanz Vento is equipped with several safety mechanisms:

- **Overheating Sensor:** Shuts down the unit if water temperature exceeds safe limits.
- **Gas Leak Sensor:** Detects gas leaks and initiates shutdown.
- **Double Safety Valve:** Provides redundant safety for gas flow control.
- **Toxic Gas Sensor:** Monitors for harmful combustion byproducts.

If any safety sensor is triggered, the unit will typically shut down and may display an error code. Consult the full manual for specific error code interpretations.

6. SPECIFICATIONS

Attribute	Detail
Brand	Bosch
Model Number	7736505622
Capacity	20 Liters / 4 Services (showers)
Gas Type	LP Gas
Color	White
Material	Copper, Metal
Power Source	Batteries (Note: Product also requires 110V electrical connection for operation of electronic components and Wi-Fi features.)
Voltage	110 Volts
Special Features	Wi-Fi (with optional accessory)
Dimensions (L x W x H)	17.78 cm x 35.56 cm x 58.42 cm (7 x 14 x 23 inches)
Weight	14 Kilograms
Components Included	1 water heater, 1 manual

7. WARRANTY INFORMATION

Bosch provides a comprehensive warranty for the Balanz Vento Instantaneous Water Heater:

- **2 years** on electrical/electronic components.
- **5 years** on the rest of the water heater.

Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, refer to the warranty card included with your product or visit the official Bosch website.



Tu tranquilidad
asegurada
con **BOSCH**



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



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Figure 7.1: Bosch's commitment to quality, highlighted by the 5-year warranty on the main unit and 2 years on electronic components.

8. CUSTOMER SUPPORT

For any questions, technical assistance, or to schedule a service appointment, please contact Bosch customer service. You can find contact information in the included manual or on the official Bosch Home Comfort website.

For basic connection service, as mentioned in Section 2.2, please call (55) 1500-5867 or visit www.bosch-homecomfort.mx to schedule your appointment.