

Sannover VoltWifi6-12

Sannover Volt Electric Boiler User Manual

Models: 6 kW to 12 kW (Single-Phase / Three-Phase)

1. INTRODUCTION

Thank you for choosing the Sannover Volt Electric Boiler. This manual provides detailed instructions for the proper installation, operation, and maintenance of your new heating system. Please read this manual thoroughly before installation and use to ensure safe and efficient performance. This boiler is designed for central radiator or underfloor heating applications.

2. SAFETY INFORMATION

IMPORTANT SAFETY INSTRUCTIONS:

- Installation of this electric boiler **must be performed by a qualified professional**. Failure to comply will void the manufacturer's 2-year warranty.
- In case of malfunction, a diagnosis by a qualified professional is required for warranty claims.
- Maintenance and any repairs must also be carried out by a qualified professional.
- Upon delivery, it is absolutely necessary to check the good condition of the package, both externally and internally. Without claims made at the time of delivery, product replacement or refund may not be possible.
- Do not operate the boiler if any part is submerged in water.
- Ensure proper grounding of the appliance.
- Keep flammable materials away from the boiler.

3. PRODUCT OVERVIEW

The Sannover Volt Electric Boiler is a complete, compact, and quiet heating unit equipped with advanced features for optimal performance.

Key Components and Features:

- Integrated circulation pump

- 6-liter expansion vessel
- Manometer for pressure monitoring
- Electronic control system
- Electronic power regulator
- Electronic modulation (semiconductors) with 3 power levels
- Thermal switch for emergency power cut-off
- Intelligent control, self-diagnosis, and error indication functions
- Heat exchanger and heating elements made of stainless steel
- Anti-freeze certified



Figure 1: Front view of the Sannover Volt Electric Boiler, showing the sleek white casing and the black digital control panel at the bottom. The panel includes power, menu, up, and down buttons.



Figure 2: Top-down view of the Sannover Volt Electric Boiler, revealing the various connection ports for water inlet/outlet, pressure gauge, and electrical connections at the bottom. The digital control panel is visible on the top surface.

4. SETUP AND INSTALLATION

Installation of the Sannover Volt Electric Boiler requires specialized knowledge and should only be performed by a qualified and certified professional. This section provides general guidelines; refer to local regulations and the professional's expertise for specific installation requirements.

4.1 Pre-Installation Checks:

- Verify the integrity of the packaging and the boiler itself upon delivery.
- Ensure the installation location meets all safety and technical requirements (e.g., ventilation, space, structural support).
- Confirm the electrical supply matches the boiler's specifications (230 V single-phase for up to 10 kW, 400 V three-phase for up to 12 kW).

4.2 Electrical Connection:

Connect the boiler to the appropriate electrical supply as per the model's power rating and local electrical codes. Ensure proper grounding.

4.3 Water Connection:

Connect the boiler to the heating system using G 3/4 inch water connections. Ensure all connections are watertight and the system is properly filled and bled of air.

4.4 System Filling and Pressure:

Fill the heating system with water and ensure the pressure, as indicated by the manometer, is within the recommended operating range (maximum pressure 0.15 MPa).

5. OPERATING INSTRUCTIONS

Once installed and powered, the Sannover Volt Electric Boiler is ready for operation. The electronic control panel allows for easy adjustment of settings.

5.1 Powering On/Off:

Use the power button on the control panel to turn the boiler on or off.

5.2 Temperature Adjustment:

The heating temperature can be adjusted from 30°C to 80°C using the up and down arrows on the control panel. The current temperature setting will be displayed.

5.3 Power Level Selection:

The boiler features 3 power levels. Consult the professional installer or the detailed technical manual for instructions on how to select or adjust these levels, which may be done via the electronic control or an associated app.

5.4 Intelligent Control and App Connectivity:

The modular boiler supports remote control via a downloadable app. Refer to the app's instructions for setting up intelligent control features.

6. MAINTENANCE

Regular maintenance is crucial for the longevity and efficient operation of your Sannover Volt Electric Boiler. All maintenance and repair work **must be performed by a qualified professional**.

- Schedule annual inspections and maintenance with a certified technician.
- Ensure the system pressure is maintained within the recommended range.
- The stainless steel heat exchanger and heating elements are designed for durability, but professional cleaning may be required periodically.

7. TROUBLESHOOTING

The Sannover Volt Electric Boiler is equipped with self-diagnosis and error indication functions to assist in identifying issues. If an error code appears on the display, consult a qualified professional for diagnosis and repair.

- **Error Codes:** The display will show specific error codes (e.g., E06) if a fault is detected. Note the code and contact a professional.
- **No Heat:** Check power supply, water pressure, and temperature settings. If issues persist, contact a professional.
- **Unusual Noises:** Could indicate air in the system or a pump issue. Contact a professional.

Do not attempt to repair the boiler yourself. Always contact a qualified professional for troubleshooting and repairs.

8. SPECIFICATIONS

Feature	Specification
Model Number	VoltWifi6-12
Power Output	6 kW to 12 kW (3 power levels)
Power Supply	230 V single-phase (up to 10 kW) and 400 V three-phase (up to 12 kW)
Maximum Heating Temperature	80 °C
Adjustable Temperature Range	30°C to 80°C
Maximum Pressure	0.15 MPa
Water Connection	G 3/4 inch
Expansion Vessel Capacity	6 liters
Electrical Safety Class	IP 21
Maximum Heating Volume	300 m³
Dimensions (H x W x D)	660 x 402 x 250 mm
Weight	20 kg
Color	Grey

9. WARRANTY AND SUPPORT

9.1 Warranty Information:

The Sannover Volt Electric Boiler comes with a**2-year manufacturer's warranty**. To be eligible for this warranty, the boiler **must be installed by a qualified professional**. In the event of a malfunction, a diagnosis performed by a professional is required for any warranty claim. Maintenance and any repairs must also be carried out by a qualified professional. Failure to meet these conditions may invalidate the warranty.

9.2 Customer Support:

For technical support, warranty claims, or professional assistance, please contact Sannover customer service or your authorized dealer. Refer to the product packaging or the manufacturer's official website for contact details.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question