

Ferroli GRZ54DKA

Ferroli TITANO TWIN GRZ54DKA 50-Liter Electric Water Heater User Manual

Model: GRZ54DKA

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient installation, operation, and maintenance of your Ferroli TITANO TWIN GRZ54DKA 50-liter electric water heater. Please read this manual thoroughly before installation and use, and retain it for future reference.

2. SAFETY INFORMATION

Adherence to the following safety guidelines is crucial for preventing injury and damage:

- Always disconnect power before performing any maintenance or installation procedures.
- Installation must be performed by qualified personnel in accordance with local regulations and standards.
- Do not operate the water heater if it is damaged or malfunctioning.
- Ensure proper grounding to prevent electrical shock.
- Do not block ventilation openings.
- 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.
- Children should be supervised to ensure that they do not play with the appliance.
- Maximum operating pressure is 8 bars. Do not exceed this pressure.

3. PRODUCT OVERVIEW

The Ferroli TITANO TWIN GRZ54DKA is a compact, slim electric water heater featuring a dual-tank design for enhanced efficiency and comfort. It includes SMART electronic control and integrated Wi-Fi for remote management.

Key Features:

- Dual tank system for improved efficiency and faster heating.
- Slim design for reduced footprint and easier installation in confined spaces.
- SMART electronic control optimizes energy consumption based on user habits.
- Integrated Wi-Fi module for remote control via the 'Egea Smart' application.
- Blue Forever heating elements with special surface treatment to reduce scale buildup.
- Suitable for both horizontal and vertical installation.

Product Images:



Figure 1: Front view of the Ferroli TITANO TWIN GRZ54DKA electric water heater, showing its slim, white casing and integrated control panel at the bottom.

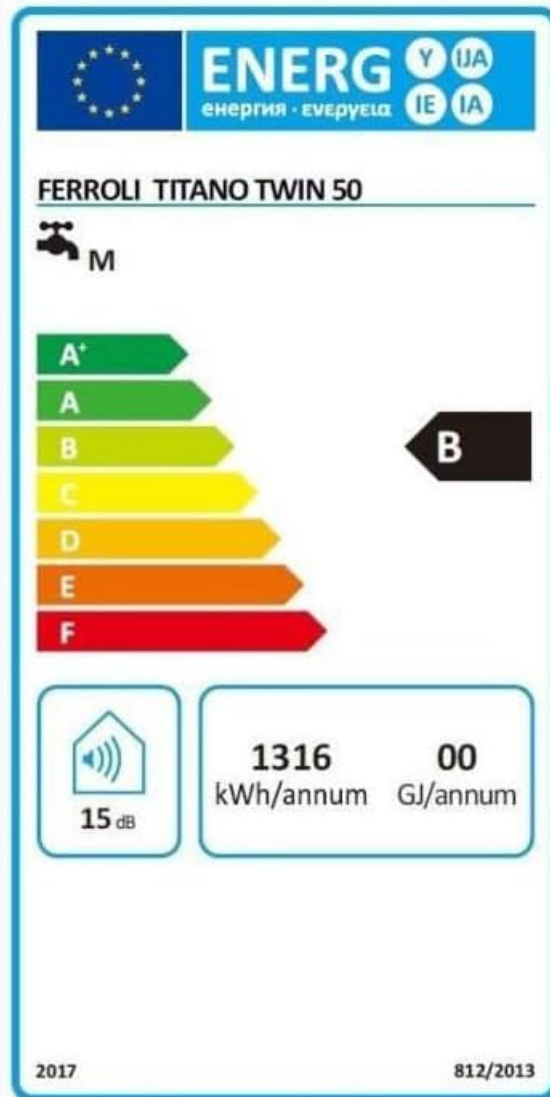


Figure 2: Energy efficiency label for the Ferrolti TITANO TWIN 50, indicating an energy class B, sound power level of 15 dB, and annual energy consumption of 1316 kWh.

4. SETUP AND INSTALLATION

Proper installation is critical for the safe and efficient operation of your water heater. It must be performed by qualified personnel.

4.1 Location Selection

Choose a suitable location that can support the weight of the water heater when full. The unit can be installed horizontally or vertically. Ensure adequate space for maintenance and air circulation around the unit.

4.2 Mounting

Securely mount the water heater to a sturdy wall or ceiling structure using appropriate fasteners. The design allows for installation with electrical connections suitable for ceiling or wall mounting.

4.3 Plumbing Connections

Connect the cold water inlet and hot water outlet pipes. Install a pressure relief valve as required by local codes. Ensure all connections are watertight to prevent leaks.

4.4 Electrical Connection

Connect the water heater to a dedicated electrical circuit with proper grounding. The electrical connection must comply with all local electrical codes. A qualified electrician should perform this step.

4.5 Filling the Tank

Before powering on, open a hot water faucet to allow air to escape and the tank to fill completely with water. Close the faucet once water flows steadily from it.

5. OPERATING INSTRUCTIONS

Follow these steps to operate your Ferroli TITANO TWIN water heater:

5.1 Power On

Once installed and filled with water, connect the water heater to the power supply.

5.2 SMART Electronic Control

The unit features SMART electronic control that optimizes energy consumption based on your hot water usage patterns. The system learns and adapts to your needs over time.

5.3 Wi-Fi Connectivity

The integrated Wi-Fi module allows remote control via the 'Egea Smart' application. Download the 'Egea Smart' app from your device's app store (available for iOS and Android).

5.4 App Pairing

Follow the instructions within the 'Egea Smart' app to pair your water heater with your smartphone or tablet. This will enable remote temperature adjustment, scheduling, and monitoring of your unit.

5.5 Temperature Adjustment

Adjust the desired water temperature using the control panel on the unit or conveniently through the 'Egea Smart' app.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your water heater.

6.1 Regular Inspection

Periodically inspect the water heater for any signs of leaks, corrosion, or damage to the power cord and plumbing connections.

6.2 Blue Forever Technology

The Blue Forever heating elements feature a special surface treatment designed to significantly reduce scale

buildup, contributing to long-lasting and efficient operation. While this reduces the need for frequent descaling, periodic checks are still recommended.

6.3 Anode Check

For optimal protection against corrosion, it is recommended to have the magnesium anode checked and replaced by a qualified technician every 1-2 years, depending on local water quality.

6.4 Draining (if necessary)

If the unit needs to be drained for maintenance or if there is a risk of freezing, disconnect power, close the cold water inlet valve, and open a hot water faucet and the drain valve at the bottom of the unit.

6.5 Cleaning

Clean the exterior of the water heater with a soft, damp cloth. Do not use abrasive cleaners or harsh chemicals.

7. TROUBLESHOOTING

Refer to the following table for common issues and their solutions:

Problem	Possible Cause	Solution
No Hot Water	No power, unit off, incorrect temperature setting.	Check power supply and circuit breaker. Ensure unit is on. Verify temperature setting.
Insufficient Hot Water	SMART mode adjusting, high demand, scale buildup.	Allow time for SMART mode to adapt or manually increase temperature. Reduce hot water consumption. Consider professional descaling if persistent.
Water Leakage	Loose connections, faulty pressure relief valve, internal damage.	Immediately disconnect power and turn off water supply. Inspect plumbing connections. If leak persists, contact qualified service personnel.
Wi-Fi Connection Issues	Weak Wi-Fi signal, network issues, incorrect pairing.	Ensure strong Wi-Fi signal. Restart router and water heater. Re-attempt pairing in 'Egea Smart' app.
Unusual Noises	Normal expansion/contraction, scale buildup, internal component issue.	Minor noises are normal. Loud or persistent noises may indicate scale buildup or other internal issues; contact a qualified technician.













For any issues not resolved by these steps, contact Ferroli customer support.

8. SPECIFICATIONS

Feature	Specification
Manufacturer	Ferrolì
Model Number	GRZ54DKA
Capacity	50 Liters
Dimensions (L x W x H)	56.5 x 56.5 x 87 cm
Weight	25 kg
Material	Alloy Steel Metal
Color	White
Power Source	Electric Cable
Maximum Operating Pressure	8 Bars
Special Features	Wi-Fi Connectivity, Smart Electronic Control
Installation Type	Wall or Ceiling Mounted (Horizontal or Vertical)
Energy Efficiency Class	B
Sound Power Level	15 dB
Annual Energy Consumption	1316 kWh/annum

9. WARRANTY AND SUPPORT

For warranty information and technical assistance, please refer to the warranty card included with your product or visit the official Ferrolì website. Contact Ferrolì customer support for service inquiries and professional assistance.

 <p>TITANO TWIN CE</p>  <p>TITANO TWIN 30 TITANO TWIN 50 S TITANO TWIN 80 TITANO TWIN 100</p> <p>Electric Water Heaters Calentadores de Agua Caliente Appareils à Eau Chaude Scaldacqua Elettrici Elektrische Warmwasserspeicher Elektrische Warmwasserspeicher</p> <p>EN Instructions for installation, use and safety 3 FR Instructions de montage, utilisation et sécurité 3 DE Montageanleitung, Gebrauch und Sicherheit 3 IT Istruzioni per l'installazione, l'uso e la manutenzione 3 ES Instrucciones de instalación, uso y mantenimiento 3 PL Instrukcja obsługi, montażu i bezpieczeństwa 3</p>	<p>Manuale di Installazione e Uso: Scaldacqua Elettrico Ferroli TITANO TWIN</p> <p>Guida completa per l'installazione, l'uso e la manutenzione dello scaldacqua elettrico Ferroli TITANO TWIN. Include specifiche tecniche, istruzioni di sicurezza e funzionalità.</p>
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 <p>SFI00500R</p>  <p>MANUALE D'USO E MANUTENZIONE USER MANUAL AND TECHNICAL INFORMATION MANUAL DE USO Y MANTENIMIENTO MANUEL D'INSTALLATION ET D'ENTRETIEN</p>	<p>Ferroli SFI00500R Stainless Steel Water Heater User Manual and Technical Data</p> <p>Comprehensive user manual and technical specifications for the Ferroli SFI00500R stainless steel water heater, covering installation, maintenance, operation, and warranty information in multiple languages.</p>
 <p>ECOUNT H 1B-2B</p> <p>ECOUNT H 1B-2B ECOUNT H 1B-2B ECOUNT H 1B-2B</p>  <p>MANUALE DI INSTALLAZIONE E MANUTENZIONE INSTRUCTION FOR INSTALLATION AND MAINTENANCE MANUAL DE INSTALACIÓN Y MANTENIMIENTO MANUEL D'INSTALLATION ET D'ENTRETIEN</p>	<p>Ferroli ECOUNT H 1B-2B: Installation, Maintenance, and Warranty Guide</p> <p>Comprehensive guide for the Ferroli ECOUNT H 1B-2B water heater and storage tanks, covering installation, commissioning, maintenance, technical specifications, and warranty information.</p>
 <p>BlueHelix HiTech RRT H</p>  <p>MANUALE DI INSTALLAZIONE E MANUTENZIONE INSTRUCTION FOR INSTALLATION AND MAINTENANCE MANUAL DE INSTALACIÓN Y MANTENIMIENTO MANUEL D'INSTALLATION ET D'ENTRETIEN</p>	<p>Ferroli BlueHelix HiTech RRT H - Manual de Utilizare și Instalare</p> <p>Ghid complet pentru utilizarea, instalarea și întreținerea centralei termice Ferroli BlueHelix HiTech RRT H. Informații tehnice, instrucțiuni de siguranță și depanare.</p>
 <p>OMNIA SW-T 3.2 CE</p>  <p>MANUALE DI INSTALLAZIONE, USO E MANUTENZIONE INSTALLATION, MAINTENANCE AND USER MANUAL MANUAL DE INSTALACIÓN, USO Y MANTENIMIENTO MANUEL D'INSTALLATION, UTILISATION ET ENTRETIEN MANUAL DE INSTALACIÓN, USO Y MANTENIMIENTO MANUEL D'INSTALLATION, UTILISATION ET ENTRETIEN</p>	<p>Ferroli OMNIA SW-T 3.2 Installation, Maintenance, and User Manual</p> <p>Comprehensive guide for the Ferroli OMNIA SW-T 3.2 split reversible heat pump with integrated DHW tank. Covers installation, operation, maintenance, safety precautions, and troubleshooting.</p>