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Racold OMNSWIFI25L

Racold Omnis Wi-Fi 25L Storage Water Heater User Manual

Model: OMNSWIFI25L

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Racold Omnis Wi-Fi 25L Vertical Storage Water Heater. Please read these instructions carefully before installation and use, and retain them for future reference. This appliance is designed to provide hot water for domestic use, featuring smart control capabilities and energy-efficient operation.

2. SAFETY INFORMATION

Always prioritize safety during installation, operation, and maintenance. This appliance must be installed by qualified personnel in accordance with all local plumbing and electrical regulations.

- Do not operate the water heater if it is damaged or appears to be malfunctioning.
- Ensure the appliance is properly grounded to prevent electrical shock.
- Never block or tamper with the pressure relief valve.
- Keep flammable materials, liquids, and vapors away from the water heater.
- Disconnect power to the unit before performing any maintenance, cleaning, or repairs.
- Ensure adequate ventilation around the appliance.



Image: Safety+ icon, indicating enhanced safety features.

3. PRODUCT OVERVIEW AND KEY FEATURES

The Racold Omnis Wi-Fi 25L water heater is designed for efficient hot water delivery with smart control features. It incorporates advanced technologies for durability, energy saving, and user convenience.



WIFI CONNECT
GET EASE OF CONTROL ANYWHERE AND ANYTIME WITH WI-FI CONNECT



SMART BATH LOGIC
CUSTOMISE YOUR BATHING EXPERIENCE WITH SMART BATH LOGIC



AUTO DIAGNOSIS
ENSURE COMPLETE SAFETY FOR YOUR FAMILY THROUGH MICROPROCESSOR-BASED AUTO DIAGNOSIS



ECO FUNCTION
SAVE ENERGY THROUGH ONE-OF-A-KIND ECO FUNCTION



TITANIUM PLUS
HIGH DURABILITY AND SUPERIOR WITHSTANDING CAPACITY WITH TITANIUM PLUS TECHNOLOGY

Image: Front view of the Racold Omnis Wi-Fi 25L Storage Water Heater.

Key Features:

- **Titanium Plus Technology:** Features a specially designed titanium steel tank with titanium enamel coating and a heating element that resists pressure and water impurities, ensuring superior durability and extended tank life.



Icon: Titanium Plus

- **Eco Function:** A self-learning function that constantly monitors and regulates water temperature automatically based on your usage patterns, saving energy without compromising comfort.



Icon: Eco Function

- **Auto Diagnosis:** A revolutionary microprocessor keeps all parameters in check automatically, protecting against electric shocks, sending notifications, and shutting off in case of malfunction.



Icon: Auto Diagnosis

- **Ease of Control (Racold Net App):** Control your water heater from anywhere, anytime with the Racold Net App. Schedule your bath, maintain temperature, and check energy usage.



Icon: Wi-Fi Connect

- **Smart Bath Logic:** Save up to 30% electricity with intelligent functions that allow you to choose from various bath types (e.g., bucket bath, shower bath).



Icon: Smart Bath Logic

Connect And Control The Omnis Wi-Fi Through The Racold Net App



Ease Of Control

Control your water heater from anywhere and anytime



Smart Bath Logic

Customize your bath by setting it to your desired temperature



Energy Saving

Track and monitor your electricity consumption and save precious electricity through smart features



Smart Notifications

Get smart Notifications with real time updates on shower readiness, hot water availability. Get notified in case of product issues

Image: Racold Omnis Wi-Fi water heater highlighting its key features.

4. SETUP AND INSTALLATION

Professional installation is highly recommended for this appliance to ensure safety and proper functioning. Ensure the installation area is suitable and all local plumbing and electrical codes are followed. The product includes free standard installation and pipes.

Installation Steps:

- Site Selection:** Choose a suitable wall for mounting that can support the weight of the water heater when full. Ensure it is close to water supply lines and a power outlet.
- Mounting:** Securely mount the water heater to the wall using appropriate fasteners. Refer to the detailed mounting template in the full product manual.
- Water Connections:** Connect the cold water inlet (blue) and hot water outlet (red) pipes. Ensure all connections are watertight.
- Electrical Connection:** Connect the water heater to a dedicated, grounded 240V power supply. Ensure the circuit breaker is rated appropriately for the appliance's wattage (2000 Watts).

- 5. Filling the Tank:** Before switching on the power, open a hot water tap in your home to allow air to escape and the tank to fill completely with water. Close the tap once water flows steadily.
- 6. Initial Power On:** Switch on the power supply to the water heater.



Image: Racold Omnis Wi-Fi water heater installed in a bathroom setting.

5. OPERATING INSTRUCTIONS

Your Racold Omnis Wi-Fi water heater offers both manual control via the unit's interface and smart control through the Racold Net App.

Manual Operation:

- Power Button:** Press the power button on the unit's control panel to turn the water heater on or off.

- **Temperature Adjustment:** Use the temperature control buttons or dial to set your desired water temperature. The display will show the current setting.
- **Indicator Lights:** Observe the indicator lights for heating status and Wi-Fi connectivity.



Image: Close-up view of the water heater's control panel, showing temperature settings and Smart Bath Logic options.

Smart Control via Racold Net App:

The Racold Net App provides advanced control and monitoring features for your water heater.

1. **Download the App:** Search for 'Racold Net App' on your smartphone's app store (iOS or Android) and install it.
2. **Device Pairing:** Follow the in-app instructions to register your water heater and connect it to your home Wi-Fi network.
3. **Remote Temperature Control:** Adjust the water temperature from anywhere using the app.
4. **Scheduling:** Create custom heating schedules for the week to ensure hot water is ready when you need it, optimizing energy use.
5. **Energy Monitoring:** Track your electricity consumption directly from the app to manage energy efficiency.
6. **Smart Bath Logic:** Select from pre-defined bath modes (e.g., bucket bath, shower bath) to automatically adjust heating for optimal comfort and energy savings.
7. **Voice Control:** Integrate your water heater with voice assistants like Alexa or Google Assistant for convenient voice commands. Refer to the app's settings for integration details.

RACOLD WATER HEATERS WIN THE PRESTIGIOUS BEE AWARD FOR THE

10th TIME



*T&C Apply

Awarded by BEE (Bureau of Energy Efficiency)



Racold water heaters win the most energy-efficient appliance of the year award in storage water heater in 2020

Image: Smartphone displaying the Racold Net App interface, showing control options for the water heater.

6. MAINTENANCE

Regular maintenance is crucial for ensuring the optimal performance, efficiency, and longevity of your Racold Omnis Wi-Fi water heater. Always disconnect power before performing any maintenance.

- Annual Professional Inspection:** It is recommended to have a qualified service technician inspect your water heater annually. This includes checking the heating element, thermostat, pressure relief valve, and anode rod.
- Draining the Tank:** Periodically drain a small amount of water from the tank to remove sediment buildup. This helps maintain efficiency and prevents corrosion. Refer to the full product manual for detailed instructions on how to perform a full tank drain.
- Cleaning the Exterior:** Clean the exterior casing of the water heater with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish.
- Pressure Relief Valve Check:** Annually, carefully lift and release the lever on the temperature and pressure relief valve to ensure it operates freely. Water should discharge from the drain pipe. If it does not, replace the valve.

7. TROUBLESHOOTING

If you encounter any issues with your Racold Omnis Wi-Fi water heater, refer to the following common solutions. For persistent problems or issues not listed here, please contact Racold customer support.

Problem	Possible Cause	Solution
No hot water	No power supply; Circuit breaker tripped; Unit turned off; Thermostat issue.	Check power connection and circuit breaker. Ensure the unit is switched on. Verify temperature settings. If problem persists, contact service.
Water not hot enough	Temperature setting too low; Excessive hot water usage; Sediment buildup; Faulty heating element.	Increase temperature setting. Allow recovery time between uses. Consider draining tank for sediment. Contact service if element is suspected.
Wi-Fi connectivity issues	Weak Wi-Fi signal; Incorrect network credentials; Router issues; App malfunction.	Ensure strong Wi-Fi signal. Verify network password. Restart water heater and Wi-Fi router. Re-pair device in Racold Net App.
Water leakage	Loose connections; Faulty pressure relief valve; Tank corrosion.	Immediately turn off power and water supply. Tighten connections if accessible. If leakage persists or is from the tank, contact a qualified technician immediately.
Unusual noises (e.g., popping, rumbling)	Sediment buildup in the tank.	Drain the tank to remove sediment. If noises continue, contact service.

8. SPECIFICATIONS

Detailed technical specifications for the Racold Omnis Wi-Fi 25L Water Heater (Model: OMNSWIFI25L).

Feature	Specification
Brand	Racold
Model Number	OMNSWIFI25L
Capacity	25 litres
Product Dimensions	44.7W x 44.7H Centimeters
Colour	Silver
Wattage	2000 Watts
Voltage	240 Volts
Efficiency	Energy Efficient (BEE 5 Star Rated)
Style	Omnis Wi-Fi
Maximum Operating Pressure	8 Bars

Feature	Specification
Mounting Type	Wall
Is Electric	Yes
Item Weight	13 kg
Power Source	Corded Electric
Special Feature	Over Temperature Protection, Wi-Fi Control, Smart Bath Logic, Auto Diagnosis, Eco Function, Titanium Plus Technology

9. WARRANTY AND SUPPORT

Your Racold Omnis Wi-Fi 25L Storage Water Heater comes with a comprehensive warranty to ensure peace of mind.

- **Product Warranty:** 2 years from the date of purchase.
- **Heating Element Warranty:** 4 years from the date of purchase.
- **Tank Warranty:** 7 years from the date of purchase.
- **Included Components:** The product package includes the water heater unit, a warranty manual, and a warranty card. Please retain your purchase receipt for warranty claims.

For service, technical support, or to register a warranty claim, please refer to the contact information provided in your warranty manual or visit the official Racold website. Ensure you have your model number (OMNSWIFI25L) and purchase details ready when contacting support.