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> Racold CDR Dlx Vertical Wall Mounted Water Heater (10 Liter) - User Manual

Racold CDR Dlx

Racold CDR Dlx Vertical Wall Mounted Water Heater

Model: CDR Dlx (10 Liter)

INTRODUCTION

This user manual provides essential information for the safe and efficient operation, installation, and maintenance of your Racold CDR Dlx Vertical Wall Mounted Water Heater. Please read this manual thoroughly before installation and use, and keep it for future reference.

SAFETY INSTRUCTIONS

Your safety and the safety of others are paramount. Please observe all safety warnings and instructions to prevent injury or damage.

- Ensure the water heater is installed by a qualified technician in accordance with local regulations.
- Do not operate the water heater if it is damaged or malfunctioning. Disconnect power immediately.
- Always turn off the main power supply to the water heater before performing any maintenance or cleaning.
- Do not block the pressure relief valve. Regular checks of this valve are recommended.
- Keep flammable materials away from the water heater.
- The water heater operates at high temperatures. Exercise caution to avoid scalding.

PRODUCT OVERVIEW

The Racold CDR Dlx water heater is designed for efficient and reliable hot water supply. Key features include:

- **Titanium Plus Technology:** Features a titanium enamel coating on the inner tank, providing enhanced protection against corrosion, ensuring durability and resistance to compression and pressure.
- **Smart Guard:** Utilizes a special anode with the heating element to protect against corrosion through an electrolytic process, extending product life.
- **Rust Proof Body:** Constructed with a rust-proof body to prevent corrosion and ensure a longer operational life.
- **Energy Efficiency:** Rated as a 5-star energy efficient appliance, contributing to lower energy consumption.



Image: Front view of the Racold CDR Dlx Vertical Water Heater, showcasing its white cylindrical design with grey top and bottom accents, and the Racold logo.



Image: Side view of the Racold CDR Dlx Water Heater, showing its horizontal orientation with water inlet/outlet connections on the right side.

SETUP AND INSTALLATION

Proper installation is crucial for the safe and efficient operation of your water heater. It is highly recommended that installation be performed by a certified professional.

Pre-Installation Checklist:

- Verify that the installation location is suitable for wall mounting and can support the weight of the water heater when full.
- Ensure access to a proper electrical supply (230 Volts) with appropriate grounding.
- Confirm availability of water inlet and outlet connections.
- Unpack the water heater and inspect for any transit damage.

Installation Steps (Summary):

1. **Mounting:** Securely mount the water heater vertically on a sturdy wall using appropriate fasteners. Refer to the detailed mounting template provided with the product packaging.
2. **Water Connections:** Connect the cold water inlet and hot water outlet pipes. Ensure all connections are watertight. The product typically includes inlet-outlet pipes for convenience.
3. **Pressure Relief Valve:** Install the pressure relief valve as per instructions to ensure safe operation.
4. **Filling the Tank:** Before connecting to power, open a hot water tap in your home and then open the cold water supply valve to the water heater. Allow the tank to fill completely until water flows steadily from the hot water tap, indicating all air has been purged. Close the hot water tap.
5. **Electrical Connection:** Connect the water heater to the electrical supply. Ensure the circuit breaker is off during connection.



Image: A visual representation of the Racold CDR Dlx water heater, possibly indicating connection points or installation context. This model is available in various capacities including 10L, 15L, 25L, and 35L.

OPERATING INSTRUCTIONS

Once installed and filled, your Racold CDR Dlx water heater is ready for operation.

1. **Power On:** Turn on the electrical supply to the water heater at the main circuit breaker.
2. **Heating Cycle:** The water heater will begin heating the water to the preset temperature. An indicator light (if present) may illuminate during the heating cycle.
3. **Temperature Adjustment:** If your model features a temperature control knob, adjust it to your desired hot water temperature. Refer to the markings on the knob for guidance.
4. **Hot Water Usage:** Once the water reaches the set temperature, the heating element will switch off. Hot water is now available for use. The heater will automatically reheat water as it is consumed or cools down.
5. **Power Off:** For extended periods of non-use, it is recommended to turn off the electrical supply to the water heater.

MAINTENANCE

Regular maintenance ensures the longevity and efficient performance of your Racold water heater.

- **Annual Inspection:** Have a qualified technician inspect the water heater annually. This includes checking the

heating element, anode rod (Smart Guard), and pressure relief valve.

- **Draining and Flushing (Optional):** In areas with hard water, periodic draining and flushing of the tank can help remove sediment buildup. Consult a professional for this procedure.
- **Exterior Cleaning:** Clean the exterior of the water heater with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Pressure Relief Valve Test:** Periodically test the pressure relief valve by lifting the lever. Water should flow out. If it does not, the valve may be faulty and needs replacement. Exercise caution as hot water will be discharged.

TROUBLESHOOTING

This section addresses common issues you might encounter. For problems not listed here, or if issues persist, contact customer support.

Problem	Possible Cause	Solution
No hot water	No power supply; Thermostat tripped; Heating element failure.	Check circuit breaker; Reset thermostat (if accessible); Contact service technician.
Insufficient hot water	Thermostat set too low; Sediment buildup; Heater size inadequate.	Adjust thermostat; Consider professional descaling; Evaluate capacity needs.
Water too hot	Thermostat set too high.	Lower thermostat setting.
Leaking from heater	Loose connections; Faulty pressure relief valve; Tank leak.	Tighten connections; Replace valve; Tank leaks require professional replacement.
Unusual noise	Sediment buildup; Heating element issue.	Professional descaling; Contact service technician.

SPECIFICATIONS

Detailed technical specifications for the Racold CDR Dlx 10 Liter Water Heater:

- Brand:** Racold
- Model Number:** CDR Dlx
- Product Dimensions:** 12.7W x 50.8H Centimeters
- Colour:** White
- Voltage:** 230 Volts
- Efficiency:** 5-star energy efficient
- Mounting Type:** Wall Mounted (Vertical)
- Is Electric:** Yes
- Manufacturer:** Accu Tech Engineering Pvt. Ltd
- Country of Origin:** India
- Item Weight:** 9 kg 320 g
- Net Quantity:** 1.00 Count
- Included Components:** 1 water heater



Image: Promotional graphic highlighting key features of the Racold CDR Dlx Water Heater, including Titanium Enamel Coating, three levels of safety, and 5-star energy efficiency, along with a 5-year inner tank warranty.

WARRANTY AND SUPPORT

Racold provides comprehensive warranty coverage for your peace of mind:

- **Inner Tank:** 5 years warranty
- **Heating Element:** 2 years warranty
- **Product (Overall):** 2 years warranty

For technical assistance, service requests, or warranty claims, please contact Racold customer support. Refer to the product packaging or the official Racold website for the most current contact information.

It is recommended to keep your purchase receipt as proof of purchase for warranty purposes.