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› Corbero CTM500FL Electric Water Heater User Manual

Corbero CTM500FL

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INTRODUCTION

Welcome to the user manual for your new Corbero CTM500FL Electric Water Heater. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your appliance. Please read these instructions carefully before using the water heater and keep this manual for future reference.

SAFETY INFORMATION

To ensure safe operation and prevent damage, observe the following safety precautions:

- **Electrical Safety:** Ensure the water heater is connected to a properly grounded electrical outlet. Do not use extension cords. Disconnect power before any maintenance or repair.
- **Water Pressure:** Do not operate the water heater without water in the tank. Ensure proper water pressure is maintained according to local regulations.
- **Installation:** Installation should be performed by a qualified technician in accordance with all local plumbing and electrical codes. Ensure the mounting surface can support the weight of the water heater when full.
- **Temperature:** Hot water can cause severe burns. Exercise caution when using hot water and consider installing anti-scald devices if necessary.
- **Children and Pets:** Keep children and pets away from the water heater, especially during operation.

PRODUCT OVERVIEW

The Corbero CTM500FL is a 47-liter electric water heater designed for efficient hot water supply in residential settings. It features a durable stainless steel tank and a 2000W heating element for rapid water heating.



Image: Front view of the Corbero CTM500FL Electric Water Heater. The appliance is white with the Corbero logo in red at the top and a black digital control panel near the bottom.

SETUP AND INSTALLATION

Proper installation is crucial for the performance and safety of your water heater. It is highly recommended that installation be carried out by a certified professional.

Pre-Installation Checklist:

- Verify that all components are present and undamaged.
- Ensure the installation location is suitable for wall mounting and can support the water heater's weight (approximately 30 kg empty, significantly more when full).
- Confirm access to appropriate electrical and water connections.

Installation Steps (General Guide):

1. **Mounting:** Securely mount the water heater to a sturdy wall using appropriate fasteners. Ensure it is level.
2. **Plumbing Connections:** Connect the cold water inlet and hot water outlet pipes. Install a pressure relief valve as required by local codes.
3. **Filling the Tank:** Before connecting to power, open a hot water faucet to allow air to escape and fill the tank completely with water. Close the faucet once water flows steadily.
4. **Electrical Connection:** Connect the water heater to a dedicated, grounded electrical circuit. Ensure the voltage matches the appliance's requirements (230V).
5. **Leak Check:** Inspect all connections for leaks after filling the tank.

All necessary components for installation are typically included with the product.

OPERATING INSTRUCTIONS

Once installed and filled, your Corbero CTM500FL Electric Water Heater is ready for operation.

1. **Power On:** Turn on the electrical supply to the water heater. The control panel will illuminate.
2. **Temperature Adjustment:** Use the controls on the front panel to set your desired water temperature. Refer to the specific control panel interface for detailed instructions on temperature setting.
3. **Heating Cycle:** The 2000W heating element will begin to heat the water. The time required to reach the set temperature will vary depending on the initial water temperature and the set temperature.
4. **Energy Efficiency:** The water heater is rated for efficiency class B, indicating good energy performance.

For optimal energy savings, avoid setting the temperature higher than necessary.

MAINTENANCE

Regular maintenance helps prolong the life of your water heater and ensures efficient operation.

- **Annual Inspection:** Have a qualified technician inspect the water heater annually. This includes checking the heating element, thermostat, and pressure relief valve.
- **Draining and Flushing:** Periodically drain and flush the tank to remove sediment buildup, which can reduce efficiency and tank life. The frequency depends on your water quality.
- **Exterior Cleaning:** Clean the exterior of the water heater with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Anode Rod Check:** The sacrificial anode rod should be inspected and replaced periodically to prevent corrosion of the stainless steel tank.

TROUBLESHOOTING

If you encounter issues with your water heater, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No hot water	No power, tripped breaker, faulty thermostat, heating element failure.	Check power supply and circuit breaker. If problem persists, contact a qualified technician.
Insufficient hot water	Temperature set too low, excessive hot water usage, sediment buildup, faulty heating element.	Increase temperature setting. Reduce hot water demand. Consider tank flushing. Contact technician if needed.
Water too hot	Thermostat set too high, faulty thermostat.	Lower temperature setting. If problem persists, contact a qualified technician.
Leaking water	Loose connections, faulty pressure relief valve, tank corrosion.	Tighten connections. Inspect pressure relief valve. If tank corrosion is suspected, contact a qualified technician immediately.

For issues not listed or if solutions do not resolve the problem, contact Corbero customer support or a qualified service professional.

TECHNICAL SPECIFICATIONS

Model Number	CTM500FL
Brand	Corbero
Capacity	47 Liters
Power Output	2000W
Voltage	230V
Energy Efficiency Class	B
Dimensions (L x W x H)	54.1 x 54.1 x 32.1 cm
Weight (Empty)	30 kg
Mounting Type	Wall Mounted
Tank Material	Stainless Steel
Color	White

WARRANTY AND SUPPORT

Your Corbero CTM500FL Electric Water Heater comes with a manufacturer's warranty. Please refer to the warranty card included with your purchase for specific terms and conditions, including the warranty period and coverage details.

For technical assistance, service requests, or to inquire about replacement parts, please contact Corbero customer support. Contact information can typically be found on the Corbero official website or on your product's packaging.

When contacting support, please have your model number (CTM500FL) and purchase date available.