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Corbero CTM80

Corbero CTM80 Electric Water Heater User Manual

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Corbero CTM80 Electric Water Heater. Please read this manual thoroughly before installation and use, and retain it for future reference. Proper adherence to these instructions will ensure optimal performance and longevity of your appliance.

2. SAFETY INFORMATION

Important Safety Instructions:

- Installation must be performed by a qualified professional in accordance with local regulations and standards.
- Ensure the electrical supply matches the specifications of the water heater.
- Do not operate the water heater if it is damaged or malfunctioning. Disconnect power immediately.
- Never attempt to repair the appliance yourself. Contact qualified service personnel.
- Keep flammable materials away from the water heater.
- The water heater must be properly grounded.
- Before any maintenance or cleaning, ensure the appliance is disconnected from the power supply.
- 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.

3. PRODUCT OVERVIEW

The Corbero CTM80 is a 73-liter electric water heater designed for efficient and reliable hot water supply. It features a durable stainless steel construction and a user-friendly control panel.



Figure 1: Front view of the Corbero CTM80 Electric Water Heater. The image displays the white cylindrical body, the Corbero logo, a circular temperature gauge indicating 'LOW' to 'HIGH' settings, and a control panel at the bottom with two rotary knobs and indicator lights for power and heating status.

Key Features:

- **Capacity:** 73 Liters
- **Power:** 1500W for rapid heating
- **Material:** Stainless steel for enhanced durability and corrosion resistance
- **Installation:** Designed for vertical wall mounting
- **Controls:** Intuitive temperature and power controls

4. SETUP AND INSTALLATION

The Corbero CTM80 Electric Water Heater is designed for vertical wall installation. Due to the nature of this appliance, **installation must be carried out by a certified plumber or qualified technician** to ensure safety and compliance with all local building and electrical codes.

Installation Steps (Summary for Professional):

1. **Site Selection:** Choose a suitable location for vertical wall mounting, ensuring the wall can support the weight of the water heater when full (approximately 103 kg).
2. **Mounting:** Securely mount the water heater to the wall using appropriate fasteners and brackets (not included, typically supplied by installer).
3. **Water Connections:** Connect the cold water inlet and hot water outlet pipes. Install a pressure relief valve as required by local codes.
4. **Electrical Connection:** Connect the water heater to a dedicated electrical circuit with proper grounding, following all electrical safety standards.
5. **Filling and Testing:** Fill the tank with water before switching on the power. Check for leaks and proper operation.

Refer to the detailed installation guide provided with the product packaging for specific diagrams and instructions for qualified personnel.

5. OPERATING INSTRUCTIONS

Once installed and filled with water, your Corbero CTM80 Electric Water Heater is ready for operation.

Control Panel Functions:

- **Power Knob (OFF/ON/CALENTANDO):** This knob controls the main power to the heating element.
 - **OFF:** Appliance is powered off.
 - **ON:** Appliance is powered on, ready to heat.
 - **CALENTANDO (Heating):** Indicates the heating element is actively warming the water. This is usually an indicator light.
- **Temperature Knob (Minimo/Maximo):** This knob allows you to adjust the desired water temperature.
 - **Minimo (Minimum):** Lowest temperature setting.
 - **Maximo (Maximum):** Highest temperature setting.
- **Temperature Gauge:** The circular gauge on the front of the unit provides a visual indication of the water temperature, ranging from 'LOW' to 'HIGH'.

Initial Startup:

1. Ensure the water heater is completely filled with water before connecting power. Open a hot water tap to allow air to escape until water flows steadily.
2. Turn the Power Knob to 'ON'.
3. Set the Temperature Knob to your desired setting (e.g., mid-range for initial use).
4. The 'CALENTANDO' indicator light will illuminate, signifying that the water is being heated.
5. Allow sufficient time for the water to reach the set temperature. The heating time will vary based on the initial water temperature and the selected setting.

6. MAINTENANCE

Regular maintenance ensures the efficient and safe operation of your Corbero CTM80 Electric Water Heater. Always disconnect the power supply before performing any maintenance.

- **External Cleaning:** Clean the exterior of the water heater with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Anode Rod Inspection/Replacement:** The anode rod protects the tank from corrosion. It should be inspected annually and replaced as needed by a qualified technician, especially in areas with hard water.
- **Draining and Flushing:** Periodically drain and flush the tank to remove sediment buildup, which can reduce efficiency and tank life. This procedure should be performed by a qualified technician.
- **Pressure Relief Valve Check:** Annually test the pressure relief valve according to the manufacturer's instructions to ensure it is functioning correctly.

For detailed maintenance procedures, consult a qualified service professional.

7. TROUBLESHOOTING

If you experience issues with your Corbero CTM80 Electric Water Heater, refer to the following common problems and solutions. For complex issues, always contact a qualified technician.

Problem	Possible Cause	Solution
No hot water or insufficient hot water.	Power supply off. Temperature setting too low. Heating element failure. Thermostat malfunction. Sediment buildup in tank.	Check power connection and circuit breaker. Adjust temperature knob to a higher setting. Contact a qualified technician for inspection and replacement. Contact a qualified technician for inspection and replacement. Schedule professional flushing and descaling.
Water is too hot.	Temperature setting too high. Thermostat malfunction.	Lower the temperature setting. Contact a qualified technician for inspection and replacement.
Leaking from the unit.	Loose connections. Faulty pressure relief valve. Tank corrosion.	Immediately turn off water supply and power. Contact a qualified technician. Contact a qualified technician for inspection and replacement. Contact a qualified technician for inspection.

If the problem persists after attempting these solutions, or if you encounter any other issues, please contact a qualified service technician.

8. SPECIFICATIONS

Brand	Corbero
Model	CTM80
Capacity	73 Liters
Power	1500W
Dimensions (L x W x H)	54.1 x 54.1 x 32.1 cm
Weight	30 kg
Material	Stainless Steel
Color	White
Mounting Type	Vertical Wall
Efficiency	Energy Efficient

9. WARRANTY AND SUPPORT

For information regarding the warranty period and terms for your Corbero CTM80 Electric Water Heater, please refer to the warranty card included with your purchase documentation or visit the official Corbero website. For technical support, service requests, or to locate authorized service centers, please contact Corbero customer service directly.

You can find more information about Corbero products and support on their official store page [Corbero Official Store](#).