

Ferroli 500001

Ferroli DIVATECH D LN C 24 Open Chamber Boiler User Manual

Model: 500001

INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Ferroli DIVATECH D LN C 24 Open Chamber Boiler. Please read this manual thoroughly before attempting any installation or operation. Keep this manual for future reference.

SAFETY INFORMATION

Always adhere to local regulations and safety standards during installation and operation. Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury, or death. Consult a qualified installer, service agency, or the gas supplier for information or assistance.

- **Qualified Personnel:** Installation and maintenance must be performed by qualified and authorized personnel only.
- **Gas Supply:** Ensure the gas supply is turned off before any service or maintenance.
- **Ventilation:** This is an open chamber boiler; ensure adequate ventilation as per local codes to prevent carbon monoxide buildup.
- **Water Pressure:** Do not operate the boiler if the water pressure is outside the recommended range.
- **Children:** Keep children away from the boiler and its controls.

SETUP AND INSTALLATION

Installation of the Ferroli DIVATECH D LN C 24 boiler requires professional expertise. Refer to the detailed installation guide provided separately with the product for specific instructions regarding plumbing, gas connection, electrical wiring, and flue system setup.

Pre-Installation Checks:

- Verify that the boiler model matches the gas type available (methane).
- Ensure the installation site meets all ventilation and space requirements.
- Check the integrity of the packaging and the boiler for any transport damage.

Mounting the Boiler:

The boiler should be securely mounted on a solid wall capable of supporting its weight (27 kg). Use appropriate wall fixings. Ensure the boiler is level to guarantee proper operation and drainage.





Figure 1: Front view of the Ferroli DIVATECH D LN C 24 Open Chamber Boiler. The boiler is white with a grey control panel located at the bottom right, featuring a digital display and pressure gauge. The Ferroli logo is visible above the control panel.

OPERATING INSTRUCTIONS

Initial Start-up:

1. Ensure all gas, water, and electrical connections are secure and leak-free.
2. Open the main gas valve.
3. Fill the heating system with water until the pressure gauge reads between 1 and 1.5 bar. Bleed air from the system.
4. Turn on the electrical supply to the boiler.
5. Set the boiler to heating mode using the control panel.

Daily Operation:

- **Temperature Adjustment:** Use the temperature control knobs on the front panel to set the desired heating and domestic hot water temperatures.
- **Pressure Monitoring:** Regularly check the system pressure on the gauge. If it drops below 1 bar, repressurize the system.
- **Error Codes:** The digital display will show error codes if a fault occurs. Refer to the troubleshooting section for common codes.

MAINTENANCE

Regular maintenance is crucial for the longevity and efficient operation of your boiler. It is recommended to have the boiler serviced annually by a qualified technician.

User Maintenance:

- **Cleaning:** Wipe the exterior of the boiler with a soft, damp cloth. Do not use abrasive cleaners.
- **Pressure Check:** Monitor system pressure weekly.
- **Ventilation:** Ensure that the area around the boiler is clear and ventilation openings are not obstructed.

Professional Maintenance:

- Annual inspection and cleaning of the heat exchanger and burner.
- Checking and adjusting gas pressure.
- Verification of safety devices and controls.
- Flue gas analysis.

TROUBLESHOOTING

Before calling for service, consult the following table for common issues and their solutions. For persistent problems or

issues not listed, contact a qualified technician.

Problem	Possible Cause	Solution
No heating/hot water	Low system pressure	Repressurize the system to 1-1.5 bar.
No heating/hot water	Gas supply off	Check if the main gas valve is open.
Boiler lockout/Error code	Ignition failure	Reset the boiler. If it persists, call a technician.
Boiler making unusual noises	Air in the system / Limescale buildup	Bleed radiators. For limescale, professional descaling is required.

SPECIFICATIONS

- **Brand:** Ferroli
- **Model Number:** 500001
- **Product Dimensions (L x W x H):**5.99 x 13.51 x 5.99 cm (approx. 2.36 x 5.32 x 2.36 inches)
- **Weight:** 27 Kilograms (approx. 59.5 lbs)
- **Material:** 18/8 stainless steel (internal components, where applicable)
- **Type:** Open Chamber Boiler
- **Fuel Type:** Methane (Natural Gas)
- **ASIN:** B07PX285Y8
- **First Available Date:** March 30, 2019

WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or contact Ferroli customer service. Keep your proof of purchase for warranty claims.

For technical support, spare parts, or to schedule professional service, please contact your authorized Ferroli dealer or visit the official Ferroli website. Always provide your model number (500001) and serial number when seeking support.

PRODUCT VIDEOS

No official product videos from the seller were found to be relevant for inclusion in this manual.

