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Ferroli Divatech D LN C30

Ferroli Divatech D LN C30 Open Chamber Gas Boiler User Manual

Model: Divatech D LN C30 | Brand: Ferroli

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Ferroli Divatech D LN C30 Open Chamber Gas Boiler. Please read this manual thoroughly before attempting any installation, operation, or maintenance procedures. Keep this manual in a safe place for future reference.

2. SAFETY INFORMATION

Important Safety Instructions:

- Installation, maintenance, and repair must be performed by qualified and authorized personnel only.
- Do not store flammable materials near the boiler.
- Ensure adequate ventilation in the installation area as this is an open chamber boiler.
- Regularly check for gas leaks. If a gas odor is detected, immediately shut off the gas supply, open windows, and contact a qualified technician.
- Do not tamper with safety devices.
- Keep children away from the appliance.
- Always disconnect power before performing any maintenance or cleaning.

Failure to follow these instructions could result in property damage, personal injury, or death.

3. SETUP AND INSTALLATION

The Ferroli Divatech D LN C30 gas boiler must be installed by a certified professional in accordance with all local and national regulations, standards, and codes for gas appliances. Improper installation can lead to

hazardous conditions and void the product warranty.

Key Installation Considerations:

- **Location:** Choose a well-ventilated area, protected from frost and direct sunlight. Ensure sufficient space for maintenance.
- **Flue System:** Connect to an appropriate flue system for open chamber boilers to ensure safe exhaust of combustion products.
- **Gas Connection:** Connect to the natural gas supply using approved fittings and procedures.
- **Water Connections:** Connect to the heating system and domestic hot water supply.
- **Electrical Connection:** Connect to a dedicated electrical circuit with proper grounding.
- **Commissioning:** After installation, the boiler must be commissioned by a qualified technician to ensure correct operation and safety.

4. OPERATING INSTRUCTIONS

Turning On the Boiler:

1. Ensure the gas supply valve is open.
2. Ensure the water supply valves to the heating system and domestic hot water are open.
3. Switch on the electrical power to the boiler.
4. Set the operating mode (heating, hot water, or both) using the control panel.
5. Adjust the desired temperature for heating and domestic hot water using the respective controls.

Turning Off the Boiler:

1. Switch off the electrical power to the boiler.
2. Close the gas supply valve.
3. If the boiler will be out of use for an extended period or during freezing temperatures, drain the system to prevent damage.

Refer to the boiler's control panel for specific button functions and display indicators.

5. MAINTENANCE

Regular maintenance is crucial for the safe, efficient, and long-lasting operation of your Ferrolì Divatech D LN C30 boiler. All maintenance work must be carried out by a qualified service technician.

- **Annual Service:** Schedule an annual inspection and service by a qualified technician. This includes checking combustion efficiency, gas pressure, safety devices, and cleaning components.
- **User Checks:** Periodically check the system pressure gauge. If the pressure is too low, consult your technician or refer to the specific instructions for repressurizing the system.
- **Cleaning:** Keep the exterior of the boiler clean. Do not use abrasive cleaners. Ensure air vents are clear and unobstructed.

6. TROUBLESHOOTING

Before calling for service, check the following common issues:

Problem	Possible Cause	Solution
No heating or hot water	No gas supply, low system pressure, power off, thermostat setting too low.	Check gas valve, check system pressure, ensure power is on, adjust thermostat.
Boiler making unusual noises	Air in the system, pump issue, limescale buildup.	Bleed radiators, contact a qualified technician.
Error code displayed	Specific fault detected by the boiler's internal diagnostics.	Consult the boiler's display for the specific code and refer to the technical manual or contact service.

If the problem persists after attempting these solutions, contact a qualified service technician.

7. SPECIFICATIONS

Below are the technical specifications for the Ferroli Divatech D LN C30 Open Chamber Gas Boiler:

- **Model:** Divatech D LN C30
- **Type:** Open Chamber Gas Boiler, Methane
- **Heating Energy Efficiency:** C
- **Sanitary Energy Efficiency Profile:** XL: A
- **Nominal Thermal Power (Heating) Pn Min-Max:** 9.7 - 30.0 kW
- **Thermal Input Min-Max:** 11.5 - 33.3 kW
- **Useful Sanitary Thermal Power:** 30 kW
- **Sanitary Production (86°F / 30°C rise):** 14.3 l/min
- **Sanitary Production (77°F / 25°C rise):** 17.2 l/min
- **NOx Class:** 6
- **Dimensions (HxWxD):** 700x400x330 mm
- **Weight (empty):** 30 kg

8. WARRANTY AND SUPPORT

Your Ferroli Divatech D LN C30 boiler comes with a manufacturer's warranty. Please refer to the warranty card provided with your product for specific terms and conditions, including coverage period and exclusions. For technical support, service, or warranty claims, please contact your authorized Ferroli dealer or a qualified service center. Ensure you have your product model and serial number available when contacting support.

For further assistance, please visit the official Ferroli website or contact their customer service department.