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Extraflame Elisir Idro

Extraflame Elisir Idro 12.7 kW Water-Bearing Pellet Stove User Manual

Model: Elisir Idro

INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Extraflame Elisir Idro 12.7 kW Water-Bearing Pellet Stove. Please read this manual thoroughly before installation or use and retain it for future reference.

The Elisir Idro pellet stove is designed to provide efficient heating by burning wood pellets. It features electronic control for combustion, transferring heat primarily to water for central heating systems, with a small portion released into the installation room. The integrated pellet tank and transport auger ensure automatic fuel supply for extended periods. A programmable weekly timer and automatic ignition offer convenient, automated heating.

IMPORTANT SAFETY INFORMATION

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

- Ensure adequate ventilation in the installation area.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- Keep children and pets away from the hot surfaces of the stove.
- Only use approved wood pellets as fuel.
- Regularly inspect and clean the flue system.

SETUP AND INSTALLATION

The Elisir Idro pellet stove is designed for integration into existing heating systems, capable of supplying radiators and underfloor heating. Connection to domestic hot water systems is also possible.

Unpacking

Carefully remove the stove from its packaging. Inspect for any damage incurred during transit. Report any damage to your supplier immediately.

Placement

Position the stove on a non-combustible surface, ensuring sufficient clearance from combustible materials as specified in local building codes and the detailed installation manual (not included here, but implied). Ensure the floor can support the weight of the stove.

Flue Connection

Connect the stove to a suitable and properly sized flue system. All connections must be sealed to prevent smoke leakage. Consult a certified technician for flue system installation.

Hydraulic Connections

The stove features an integrated pump, a closed expansion vessel, and a built-in overpressure safety valve. Connect the stove's water outlets to your central heating system. Ensure all connections are watertight and pressure-tested according to plumbing standards.

Electrical Connection

Connect the stove to a grounded electrical outlet. Ensure the power supply matches the stove's requirements. The electronic control system manages fuel supply, smoke extraction, combustion air supply, and pump activation for optimal combustion efficiency.



Image: The Extraflame Elisir Idro pellet stove, bordeaux color, installed in a modern living room. The stove is connected to a flue system (not visible) and integrated into the home's heating infrastructure.

OPERATING INSTRUCTIONS

The Elisir Idro pellet stove offers automated operation through its electronic control system and programmable features.

Filling the Pellet Tank

Open the pellet tank lid and fill with high-quality wood pellets. Ensure no foreign objects enter the tank. The integrated transport auger will automatically feed pellets to the combustion chamber.

Control Panel

The control panel allows you to monitor and adjust various performance parameters. These include fuel supply, smoke extraction, combustion air supply, and pump activation. Refer to the on-screen display for current settings and operational status.

Automatic Ignition and Timer

Utilize the programmable weekly timer to set desired operating schedules. The stove features automatic ignition, allowing it to start and stop according to your programmed settings, providing fully automatic heating.

Remote Control

An infrared remote control is included for convenient adjustment of settings from a distance. Point the remote control towards the stove's receiver.

Optional GSM Module

The Elisir Idro pellet stove can be optionally operated via a GSM module using a mobile phone. This module is sold separately and allows for remote control and monitoring functionalities.



Image: A detailed view of the Extraflame Elisir Idro pellet stove, highlighting the front panel with its display and controls, and the glass window showing the burning pellets inside the combustion chamber.

Regular maintenance ensures the longevity and efficient operation of your pellet stove. Always ensure the stove is cool and disconnected from the power supply before performing any maintenance.

Daily/Weekly Cleaning

- **Ash Removal:** Empty the ash pan regularly. The frequency depends on usage and pellet quality.
- **Combustion Chamber:** Clean the combustion chamber and burner pot to remove any unburnt residue.
- **Glass Cleaning:** Clean the ceramic glass door with a suitable glass cleaner designed for stoves when cool.

Monthly/Seasonal Cleaning

- **Flue System:** Inspect and clean the flue pipes and chimney. Blockages can reduce efficiency and pose a safety hazard.
- **Heat Exchanger:** Clean the heat exchanger surfaces to maintain optimal heat transfer efficiency.
- **Pellet Hopper:** Periodically inspect the pellet hopper for dust or foreign material.

Professional Servicing

It is recommended to have your pellet stove professionally serviced at least once a year by a qualified technician. This includes checking all mechanical and electrical components, seals, and safety devices.

TROUBLESHOOTING

This section provides solutions to common issues you might encounter. For problems not listed here, or if solutions do not resolve the issue, contact qualified service personnel.

Problem	Possible Cause	Solution
Stove does not ignite.	No pellets in hopper, igniter failure, blocked burner pot.	Check pellet level, clean burner pot, contact service for igniter.
Low heat output.	Dirty heat exchanger, poor quality pellets, incorrect settings.	Clean heat exchanger, use recommended pellets, adjust power settings.
Excessive smoke.	Blocked flue, insufficient combustion air, wet pellets.	Check and clean flue, ensure air intake is clear, use dry pellets.
Water not heating.	Pump malfunction, air in system, low water pressure.	Check pump operation, bleed air from system, verify system pressure.

TECHNICAL SPECIFICATIONS

Brand: Extraflame

Model: Elisir Idro

Total Power: 13.8 kW

Nominal Power: 12.7 kW

Water-Side Power: 10.5 kW

Air-Side Power: 2.2 kW

Color: Bordeaux

ASIN: B00GO06YN2

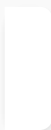
First Available Date: January 15, 2020

Features: Electronic control, integrated pellet tank, transport auger, programmable weekly timer, automatic ignition, integrated pump, closed expansion vessel, built-in overpressure safety valve, infrared remote control, optional GSM module compatibility.

WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or contact your authorized Extraflame dealer. Keep your proof of purchase for warranty claims.

For technical support, service, or spare parts, please contact your local Extraflame service center or the retailer from whom you purchased the product. Always provide the model number (Elisir Idro) and ASIN (B00GO06YN2) when seeking support.



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This manual is for informational purposes only. Specifications are subject to change without notice.