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› Extraflame Duchessa Steel Pellet Stove User Manual

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Model: Duchessa Steel

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Extraflame Duchessa Steel Pellet Stove. Please read this manual thoroughly before operating the appliance and keep it for future reference.

The Duchessa Steel pellet stove features electronic control for combustion, ensuring optimal performance. It includes an integrated pellet reservoir with an auger for automatic fuel supply, allowing for extended operation. A pre-programmable weekly timer and automatic ignition provide fully automated heating. Performance parameters are easily viewable on a display screen. An infrared remote control is included for convenience. An optional GSM module is available for remote control via mobile phone.



Figure 1: Extraflame Duchessa Steel Pellet Stove. This image shows the front of the freestanding pellet stove, featuring a large glass door through which a simulated flame is visible. The stove has a cream-colored top and side panels, with a dark

2. SAFETY INFORMATION

Your safety and the safety of others are paramount. Always adhere to the following safety guidelines:

- Read the entire manual before installation and use. Failure to do so may result in property damage, bodily injury, or even death.
- Ensure proper installation by a qualified professional, adhering to all local and national building and fire codes.
- Maintain required clearances to combustible materials as specified in the installation instructions.
- Use only approved wood pellets as fuel. Never use gasoline, kerosene, or other flammable liquids.
- Ensure adequate ventilation to prevent carbon monoxide buildup. Install carbon monoxide detectors.
- Keep children and pets away from the hot surfaces of the stove.
- Regularly inspect and clean the flue system and stove components.
- Do not modify the appliance. Any modifications can be dangerous and will void the warranty.

3. SETUP AND INSTALLATION

3.1 Unpacking

Carefully remove the stove from its packaging. Inspect for any damage that may have occurred during shipping. Report any damage to your dealer immediately.

3.2 Placement

Place the stove on a level, non-combustible surface. Ensure that the stove is positioned with adequate clearances from walls, furniture, and other combustible materials as specified in the detailed installation guide (not included in this manual, refer to separate installation documentation).

3.3 Electrical Connection

Connect the stove to a dedicated 230V electrical outlet. Ensure the outlet is properly grounded and meets local electrical codes. Do not use extension cords.

3.4 Flue Gas Connection

The stove requires a direct vent flue system. Connect the stove to an approved and properly sized flue pipe system according to local building codes and manufacturer's instructions. Ensure all connections are sealed and leak-free.

4. OPERATING INSTRUCTIONS

4.1 Fuel Loading

Open the pellet reservoir lid and fill the hopper with high-quality wood pellets. Ensure no foreign objects enter the hopper. Do not overfill.

4.2 Initial Startup

For the first startup, ensure the hopper is filled. Follow the on-screen prompts or refer to the detailed startup

sequence in the full technical manual. The automatic ignition system will initiate the combustion process.

4.3 Basic Operation

Use the control panel display to turn the stove on or off and adjust the power settings. The electronic control system will regulate fuel supply and smoke evacuation for optimal combustion efficiency.

4.4 Programmable Timer

The stove features a pre-programmable weekly timer. Access the timer settings through the control panel to set desired operating times for automatic heating throughout the week.

4.5 Remote Control

An infrared remote control is provided for convenient adjustment of settings from a distance. Point the remote directly at the stove's receiver for best performance.

4.6 Optional GSM Module

For enhanced remote control capabilities, an optional GSM module can be installed. This allows you to control the stove via your mobile phone. Refer to the GSM module's specific instructions for installation and operation.

5. MAINTENANCE

Regular maintenance is crucial for the longevity and efficient operation of your pellet stove.

5.1 Daily/Weekly Cleaning

- **Ash Removal:** Empty the ash pan regularly, typically daily or every few days depending on usage. Ensure the stove is cool before handling ash.
- **Glass Cleaning:** Clean the glass door with a specialized stove glass cleaner when the stove is cool.
- **Burn Pot Cleaning:** Ensure the burn pot is free of clinkers and ash buildup to maintain proper airflow.

5.2 Annual Servicing

It is recommended to have your pellet stove professionally inspected and serviced annually by a qualified technician. This includes cleaning the flue system, checking electrical components, and inspecting for wear and tear.

5.3 Pellet Quality

Always use high-quality, certified wood pellets. Poor quality pellets can lead to inefficient burning, increased ash production, and potential damage to the stove.

6. TROUBLESHOOTING

This section addresses common issues you might encounter. For more complex problems, contact a qualified technician.

Problem	Possible Cause	Solution
Stove won't start	No power; Hopper empty; Ignition failure	Check power connection; Refill hopper; Consult manual for ignition reset procedure.

Problem	Possible Cause	Solution
Low heat output	Poor pellet quality; Clogged burn pot; Flue obstruction	Use quality pellets; Clean burn pot; Inspect and clean flue.
Excessive smoke	Poor draft; Flue obstruction; Incorrect settings	Check flue for blockages; Ensure proper ventilation; Adjust power settings.
Stove shuts down unexpectedly	Overheating sensor triggered; Hopper empty; Power interruption	Allow stove to cool; Refill hopper; Check power supply.

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Manufacturer	Extraflame
Model	Duchessa Steel
Nominal Power	8.7 kW
Power Range (Min. - Max.)	3.4 - 8.7 kW
Pellet Consumption (Min. - Max.)	0.8 - 2.0 kg/h
Power Supply	230 V
Color	Steel (Pergamena finish)
Efficiency	High efficiency
Ventilation Type	Direct Vent
Assembly Required	No
Type of Attachment	Freestanding

8. WARRANTY AND SUPPORT

For detailed information regarding the product warranty, please refer to the warranty documentation provided with your purchase. Warranty terms and conditions may vary by region and retailer.

If you require technical assistance, spare parts, or have questions not covered in this manual, please contact your authorized Extraflame dealer or customer support. Ensure you have your product model and serial number available when contacting support.