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## Prity GT FS S DR

# Prity GT FS S DR Wood Stove with Oven Instruction Manual

Model: GT FS S DR

## INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Prity GT FS S DR wood stove with oven. Please read these instructions carefully before using the appliance. Retain this manual for future reference.

This high-quality wood stove with oven features a robust design and advanced functionality. It complies with German BImSchV Level 2 standards and strict local regulations, eliminating the need for additional filters or converters. The stove offers an expressive fire view through its advanced combustion chamber technology and existing windshield rinse, ensuring a clear view of the flames. Optimal energy efficiency is achieved through separate primary and secondary air supply. With an efficiency of 75%, this stove provides effective heating while promoting environmental protection through efficient wood consumption and reduced combustion residues.

## IMPORTANT SAFETY INFORMATION

**WARNING: Improper installation, adjustment, alteration, service, or maintenance can cause injury or property damage. Read the installation, operating, and maintenance instructions thoroughly before installing or servicing this equipment.**

- Always ensure adequate ventilation when operating the stove.
- Keep flammable materials at a safe distance from the stove. Refer to local building codes for specific clearance requirements.
- Only use recommended fuel types (dry wood). Do not burn trash, plastics, or treated wood.
- Never leave a burning stove unattended.
- Ensure children and pets are kept away from the hot surfaces of the stove.
- Install smoke detectors and carbon monoxide detectors in your home.
- Regularly inspect and clean the chimney and flue pipe to prevent creosote buildup and chimney fires.

## SETUP AND INSTALLATION

## Unpacking and Inspection

Carefully unpack the wood stove and inspect it for any damage that may have occurred during transit. Report any damage to your supplier immediately. Ensure all components are present according to the packing list.

## Placement Requirements

The stove must be installed on a non-combustible floor or on a combustible floor protected by a non-combustible material extending beyond the stove's footprint. Consult local building codes and fire regulations for specific clearance requirements to combustible walls and materials. Ensure the floor can support the stove's weight (128 kg).

## Flue Connection

The stove requires a flue pipe with a diameter of 150 mm. Ensure the flue system is correctly installed by a qualified professional and meets all local regulations. The flue must provide adequate draft for efficient combustion and safe operation.



**Image:** Top view of the Prity GT FS S DR wood stove, showing the cooking plates and the flue pipe connection point. The flue pipe connection is located at the top rear of the stove.

## Initial Burn-in

Before regular use, perform an initial burn-in to cure the paint and materials. Open windows and doors for ventilation during this process, as some smoke and odors may be emitted. Start with a small fire and gradually increase the heat over several hours. Avoid very hot fires during the first few uses.

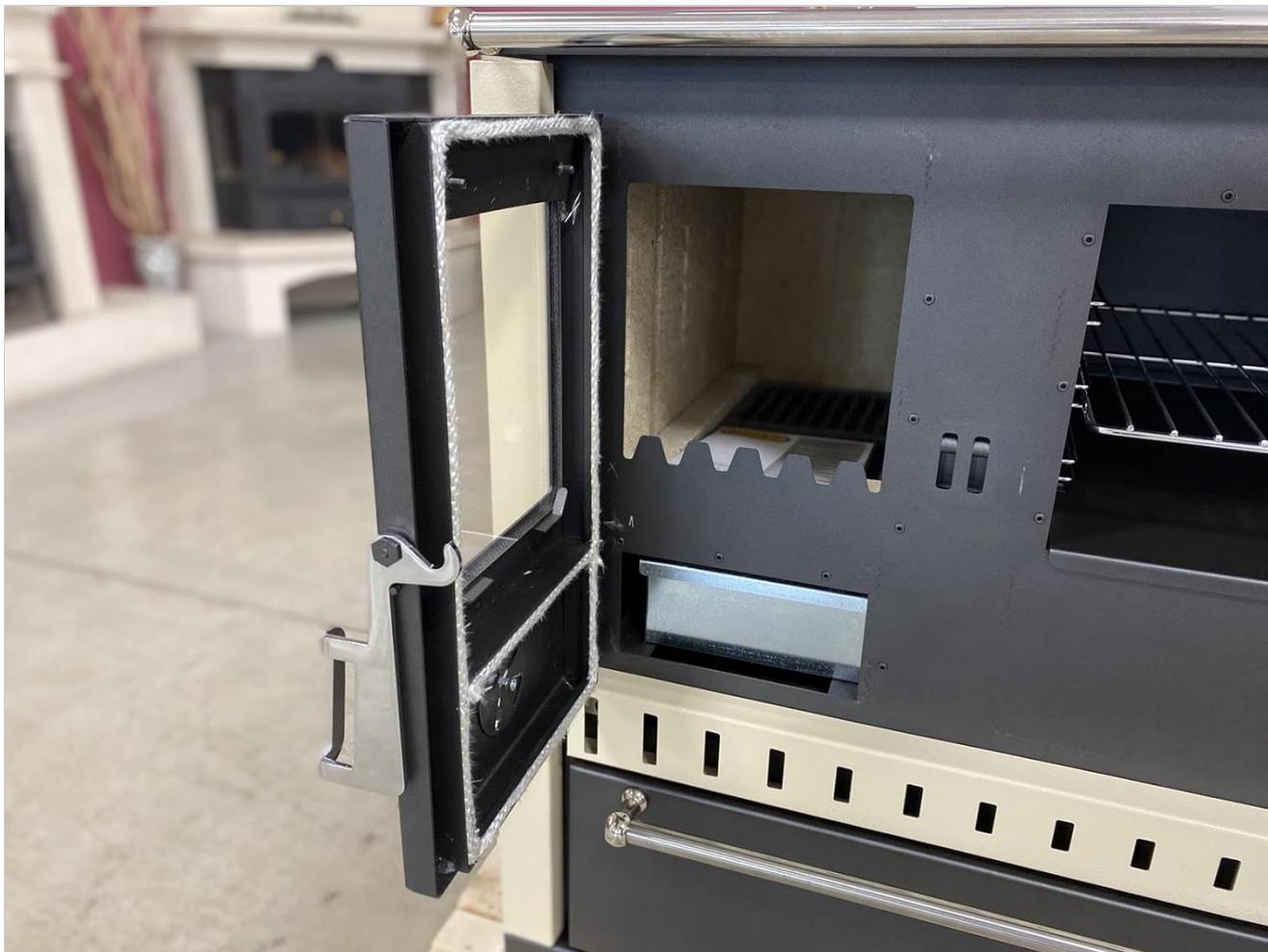
## OPERATING INSTRUCTIONS

## Fuel Type

This stove is designed to burn dry, seasoned wood. Using unseasoned wood can lead to creosote buildup, reduced efficiency, and increased emissions. Do not use coal, charcoal, or any liquid fuels.

## Loading Fuel

Open the firebox door slowly to prevent smoke spillage. Place wood logs into the combustion chamber. The combustion chamber dimensions are 222 x 460 x 330 mm (L x W x H).



**Image:** Close-up view of the Prity GT FS S DR wood stove's firebox door open, revealing the combustion chamber where wood is loaded.

## Air Control

The stove features separate primary and secondary air supply controls for optimal energy efficiency. Adjust these controls to regulate the burn rate and heat output. Primary air is typically used for ignition and to boost a dying fire, while secondary air helps achieve a cleaner, more efficient burn.

## Ignition

1. Open the primary air control fully.
2. Place crumpled paper or firelighters at the bottom of the firebox, topped with small kindling.
3. Light the paper/firelighters.
4. Once the kindling is burning well, add small pieces of wood.
5. Once a good bed of coals is established, add larger logs and adjust air controls for desired heat output.

## Oven Use

The integrated oven allows for cooking while the stove is in operation. The oven dimensions are 420 x 490 x 220 cm (L x W x H). Monitor the oven temperature using the built-in thermometer and adjust the fire intensity as needed. The oven features a glass door for viewing contents.



**Image:** Close-up view of the Prity GT FS S DR wood stove's oven door open, showing the interior racks and the integrated thermometer.

## MAINTENANCE

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### Ash Removal

Regularly remove ash from the ash drawer to maintain proper airflow and combustion efficiency. Allow the stove to cool completely before removing ash. The stove features a convenient pull-out ash drawer.



**Image:** Front view of the Prity GT FS S DR wood stove with the ash drawer pulled out for easy ash removal.

## Cleaning the Glass

The firebox and oven doors feature glass panels. To clean, use a specialized glass cleaner for wood stoves when the stove is cold. Avoid abrasive cleaners that can scratch the glass.

## Chimney and Flue Cleaning

Have your chimney and flue pipe inspected and cleaned by a qualified chimney sweep at least once a year, or more frequently depending on usage. This prevents creosote buildup, which can lead to chimney fires.

## General Inspection

Periodically check all seals, gaskets, and connections for wear and tear. Replace any damaged parts to ensure airtight operation and prevent smoke leaks.

## TROUBLESHOOTING

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- **Problem: Smoke entering the room.**

**Possible Causes:** Insufficient draft, blocked chimney, door opened too quickly, wet wood.

**Solutions:** Check chimney for blockages, ensure air controls are open, use dry wood, open door slowly.

- **Problem: Poor heat output.**

**Possible Causes:** Wet wood, insufficient air supply, too small a fire, poor insulation.

**Solutions:** Use dry wood, ensure air controls are open, build a larger fire, check for drafts in the room.

- **Problem: Excessive creosote buildup.**

**Possible Causes:** Burning wet wood, low burning temperatures, insufficient air.

**Solutions:** Burn dry wood, maintain hotter fires, ensure adequate air supply, clean chimney regularly.

## SPECIFICATIONS

Feature	Specification
Brand	Prity
Model Number	Prity GT FS S DR Beige
Total Dimensions (L x W x H)	930 x 620 x 800 mm
Combustion Chamber Dimensions (L x W x H)	222 x 460 x 330 mm
Oven Dimensions (L x W x H)	420 x 490 x 220 mm
Net Weight	128 kg
Flue Pipe Diameter	150 mm
Fuel Consumption	5 kg per hour
Power Output	15 KW
Efficiency	75% (Energy Class A)
Material	Metal
CO Emissions (O <sub>2</sub> ref = 13%)	1472.5 mg/Nm <sup>3</sup>
PM Emissions (O <sub>2</sub> ref = 13%)	31.8 mg/Nm <sup>3</sup>
NOx Emissions (O <sub>2</sub> ref = 13%)	101.3 mg/Nm <sup>3</sup>
OGC Emissions (O <sub>2</sub> ref = 13%)	28.9 mg/Nm <sup>3</sup>



**Image:** Front view of the Prity GT FS S DR wood stove with oven, showcasing its overall design and components.



**Image:** Angled front-left view of the Prity GT FS S DR wood stove with oven, highlighting its side ventilation and overall structure.



**Image:** Angled front-right view of the Prity GT FS S DR wood stove with oven, showing the oven door and controls.



**Image:** Side view of the Prity GT FS S DR wood stove, illustrating the ventilation grilles on the side panel.

## **WARRANTY AND SUPPORT**

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Information regarding spare parts availability is currently unavailable. For warranty details and customer support, please contact your retailer or the manufacturer directly. Keep your proof of purchase for any warranty claims.