

Ravelli HRV 120 Country

Ravelli HRV 120 Country Pellet Stove User Manual

Model: HRV 120 Country | Brand: Ravelli

INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Ravelli HRV 120 Country pellet stove. Please read this manual thoroughly before operating the appliance.

The Ravelli HRV 120 Country is a pellet stove designed for heating, featuring a self-cleaning brazier, a cast iron top, ceramic cladding, and a disengageable front fan. It is controlled via a touch handheld device.

IMPORTANT SAFETY INFORMATION

Always adhere to local building codes and regulations when installing and operating this appliance. Failure to do so may result in fire, property damage, personal injury, or death.

- Ensure proper ventilation.
- Use only approved wood pellets as fuel.
- Keep combustible materials at a safe distance from the stove.
- Do not operate the stove if any parts are damaged or missing.
- Regularly inspect and clean the chimney and flue pipes.

SETUP AND INSTALLATION

Professional installation is highly recommended for the Ravelli HRV 120 Country pellet stove to ensure safety and optimal performance.

Unpacking

Carefully remove the stove from its packaging. Inspect for any shipping damage. Retain all packaging materials for potential future transport.



Figure 1: Front-left view of the Ravelli HRV 120 Country pellet stove, showcasing its compact design and ceramic cladding.

Placement

Choose a suitable location that meets all clearance requirements for combustible materials. The stove should be placed on a non-combustible floor protector if the floor is combustible.

Ventilation and Flue Connection

Connect the stove to an appropriate chimney or flue system according to local building codes. Ensure all connections are sealed and airtight to prevent smoke leakage.





Figure 2: Front view of the Ravelli HRV 120 Country pellet stove, highlighting the large glass door and the Ravelli branding.

Electrical Connection

Connect the stove to a dedicated electrical outlet as specified in the technical specifications. Do not use extension cords.

OPERATING INSTRUCTIONS

Fuel Loading

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



Figure 3: Top view of the Ravelli HRV 120 Country pellet stove, showing the pellet hopper opening and the cast iron top design.

Starting the Stove

1. Ensure the hopper is filled with pellets.
2. Turn on the main power switch.

3. Use the handheld touch control to initiate the ignition sequence. The stove will automatically feed pellets and ignite them.
4. Monitor the flame for stable combustion.

Adjusting Settings

The handheld touch control allows you to adjust temperature settings, fan speed, and pellet feed rate. Refer to the specific instructions provided with the handheld control for detailed operation.

The front fan can be disengaged if desired, providing quieter operation.

Shutting Down the Stove

To turn off the stove, use the handheld touch control to initiate the shutdown sequence. The stove will stop feeding pellets and the fan will continue to run until the stove cools down.

MAINTENANCE

Regular maintenance is crucial for the longevity and efficient operation of your pellet stove. Always ensure the stove is completely cool before performing any maintenance.

Daily/Weekly Maintenance

- **Ash Removal:** The self-cleaning brazier minimizes ash buildup, but regular removal of ash from the ash pan is still necessary.
- **Glass Cleaning:** Clean the inside of the glass door with a suitable glass cleaner designed for wood stoves.
- **Brazier Cleaning:** Even with self-cleaning, inspect the brazier for any clinker buildup and remove it.





Figure 4: Side view of the Ravelli HRV 120 Country pellet stove, showcasing the decorative ceramic cladding in Terra D'oriente color.

Monthly/Seasonal Maintenance

- **Flue Pipe Cleaning:** Inspect and clean the flue pipes to prevent creosote buildup.
- **Heat Exchanger Cleaning:** Clean the heat exchanger tubes as per the stove's specific instructions.
- **Fan Cleaning:** Clean the fan blades to ensure efficient air circulation.



Figure 5: Interior view of the Ravelli HRV 120 Country pellet stove with the door open, revealing the firebox, brazier, and ash pan for cleaning and maintenance access.

| Problem | Possible Cause | Solution |
|--------------------------------|--|---|
| Stove does not ignite. | No pellets in hopper; igniter failure; blocked air intake. | Check pellet level; inspect igniter; clear air intake. |
| Poor heat output. | Low pellet quality; dirty flue pipes; incorrect settings. | Use high-quality pellets; clean flue; adjust settings via handheld control. |
| Excessive smoke. | Blocked chimney/flue; poor draft; wet pellets. | Clean chimney/flue; check draft; use dry pellets. |
| Stove shuts down unexpectedly. | Overheating sensor triggered; no fuel; power interruption. | Allow stove to cool; refill hopper; check power supply. |

If the problem persists after attempting these solutions, please contact qualified service personnel.

TECHNICAL SPECIFICATIONS

| Feature | Value |
|--------------------------|------------------|
| Brand | Ravelli |
| Model | HRV 120 Country |
| Introduced Thermal Power | 16.3 kW |
| Thermal Power to Water | 13 kW |
| Dimensions (W x H x D) | 55 x 120 x 60 cm |
| Top Material | Cast Iron |
| Cladding Material | Ceramic |
| Color | Terra D'oriente |
| Assembly Required | Yes |







WARRANTY AND SUPPORT

Specific warranty details for the Ravelli HRV 120 Country pellet stove are typically provided at the point of purchase or within separate documentation included with the product. Please refer to your purchase receipt or contact your authorized Ravelli dealer for warranty information.

For technical support, spare parts, or service inquiries, please contact your local Ravelli service center or the dealer from whom you purchased the stove. Ensure you have your model number (HRV 120 Country) and serial number ready when contacting support.



Related Documents - HRV 120 Country

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|---|--|
|  | <p>Ravelli R 1000 Pro Pellet Stove: Use and Maintenance Manual</p> <p>Comprehensive guide for the Ravelli R 1000 Pro pellet stove by Aico S.p.A., covering installation, operation, safety, maintenance, and troubleshooting for efficient domestic heating.</p> |
|  | <p>Ravelli RCV 1000 Pellet Stove: Use and Maintenance Manual</p> <p>Comprehensive use and maintenance manual for the Ravelli RCV 1000 pellet stove, covering installation, operation, safety, maintenance, and technical specifications. Learn how to operate and care for your Ravelli pellet stove.</p> |
|  | <p>Ravelli Easy 7 ADV & Easy 9 ADV Pelletöfen Bedienungsanleitung</p> <p>Umfassende Bedienungsanleitung für die Pelletöfen Ravelli Easy 7 ADV und Easy 9 ADV, die Installation, Bedienung, Wartung und Sicherheitshinweise abdeckt.</p> |
|  | <p>Ravelli Pellet Stove Use and Maintenance Manual: Vittoria V, Atena V, RV 120 Touch</p> <p>Comprehensive use and maintenance manual for Ravelli pellet stoves, including models Vittoria V, Atena V, and RV 120 Touch. Covers installation, operation, safety, technical features, maintenance, and troubleshooting.</p> |
|  | <p>Manuale d'Uso e Manutenzione Ravelli RBC 8010 / RBC 8012</p> <p>Scopri il manuale completo per l'installazione, l'uso e la manutenzione delle stufe a pellet Ravelli RBC 8010 e RBC 8012. Informazioni essenziali per un funzionamento sicuro ed efficiente.</p> |
|  | <p>Ravelli EASY 9 Technical Specifications and Dimensions</p> <p>Detailed technical drawing and dimensions for the Ravelli EASY 9 pellet stove, including air inlet, flue outlet, and ducting specifications.</p> |