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› [CADEL](#) /

› [Cadel Spirit 3 Pellet Stove 5.2 kW User Manual](#)

### CADEL Spirit 3 Pellet 5.2 kW

# Cadel Spirit 3 Pellet Stove 5.2 kW User Manual

Model: Spirit 3 Pellet 5.2 kW

## INTRODUCTION

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This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Cadel Spirit 3 Pellet Stove 5.2 kW. Please read this manual thoroughly before installation and use, and retain it for future reference. Proper use and maintenance will ensure optimal performance and longevity of your appliance.





Image: Front view of the Cadel Spirit 3 Pellet Stove 5.2 kW in red, showcasing the burning pellets through the glass door. The stove features a modern, compact design.

## SAFETY INFORMATION

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Always adhere to local building codes and regulations when installing and operating this pellet stove. Failure to comply with safety instructions may result in property damage, personal injury, or death.

- **Installation:** Must be performed by a qualified technician.
- **Fuel:** Use only approved wood pellets. Do not use gasoline, kerosene, or other flammable liquids.
- **Clearances:** Maintain adequate clearance from combustible materials as specified in the installation guide.
- **Ventilation:** Ensure proper ventilation to prevent carbon monoxide buildup.
- **Children and Pets:** Keep children and pets away from the hot surfaces of the stove.
- **Maintenance:** Regular cleaning and inspection are crucial for safe operation.

## SETUP AND INSTALLATION

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Installation of the Cadel Spirit 3 Pellet Stove 5.2 kW requires adherence to specific guidelines to ensure safety and optimal performance. It is strongly recommended that installation be carried out by a certified professional.

### 1. Unpacking

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

### 2. Placement

Select a suitable location that meets all local building codes and fire safety regulations. Ensure the floor can support the stove's weight (55 kg net weight). Maintain required clearances from walls and combustible materials. The stove is designed for freestanding installation.

### 3. Venting System Connection

Connect the stove to an appropriate chimney or flue system. The smoke evacuation diameter is 8 cm. Ensure all connections are sealed properly to prevent smoke leakage. A direct vent type is specified.

### 4. Electrical Connection

Connect the stove to a grounded electrical outlet. The stove operates as a standalone unit and requires power for its forced ventilation system and controls.

### 5. Initial Fuel Loading

Open the pellet hopper and fill it with approved wood pellets. The total tank capacity is 12 kg.

## OPERATING INSTRUCTIONS

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Follow these steps for safe and efficient operation of your pellet stove.

### 1. Starting the Stove

1. Ensure the pellet hopper is sufficiently filled.
2. Turn on the main power switch.
3. Press the "ON" button on the control panel. The stove will initiate its automatic ignition sequence. This typically involves feeding pellets into the burn pot and activating the igniter.
4. Monitor the ignition process. Flames should appear within a few minutes.

### 2. Adjusting Heat Output

The Cadel Spirit 3 features forced ventilation for heat distribution. Use the control panel to adjust the desired heat setting. Higher settings will increase pellet consumption and heat output.

- **Nominal Power:** 5.2 kW
- **Heatable Volume:** Up to 125 m<sup>3</sup>
- **Hourly Consumption:** Approximately 1.2 kg/h at nominal power.

### 3. Shutting Down the Stove

1. Press the "OFF" button on the control panel.
2. The stove will enter a cool-down cycle, continuing to run the fan to dissipate residual heat and burn off remaining pellets in the burn pot.
3. Do not turn off the main power switch until the cool-down cycle is complete and the stove has fully extinguished.

## MAINTENANCE

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Regular maintenance is essential for the safe and efficient operation of your Cadel Spirit 3 Pellet Stove.

### Daily Maintenance

- **Clean the Burn Pot:** Remove ash and unburnt pellets from the burn pot. Ensure air holes are clear.
- **Clean the Ash Pan:** Empty the ash pan.

- **Clean the Glass:** Use a specialized glass cleaner for pellet stoves to remove soot buildup.

### Weekly Maintenance

- **Vacuum Ash:** Use a shop vacuum or ash vacuum to remove ash from the firebox and surrounding areas.
- **Inspect Gaskets:** Check door and glass gaskets for wear and tear. Replace if necessary to maintain an airtight seal.

### Annual Maintenance

- **Chimney/Flue Cleaning:** Have the chimney and flue pipe professionally cleaned to prevent creosote buildup.
- **Internal Cleaning:** A qualified technician should perform a thorough internal cleaning and inspection of all components, including fans, motors, and heat exchangers.
- **Component Check:** Inspect all electrical connections and mechanical parts for proper function and wear.

### TROUBLESHOOTING

This section addresses common issues you might encounter with your Cadel Spirit 3 Pellet Stove. For problems not listed here, or if issues persist, contact a qualified service technician.

Problem	Possible Cause	Solution
Stove does not ignite.	<ul style="list-style-type: none"><li>• No pellets in hopper.</li><li>• Igniter failure.</li><li>• Burn pot clogged.</li></ul>	<ul style="list-style-type: none"><li>• Refill hopper.</li><li>• Contact service technician.</li><li>• Clean burn pot thoroughly.</li></ul>
Low heat output.	<ul style="list-style-type: none"><li>• Low heat setting.</li><li>• Poor quality pellets.</li><li>• Clogged flue or burn pot.</li></ul>	<ul style="list-style-type: none"><li>• Increase heat setting.</li><li>• Use high-quality, approved pellets.</li><li>• Clean flue and burn pot.</li></ul>
Excessive smoke.	<ul style="list-style-type: none"><li>• Blocked chimney/flue.</li><li>• Improper air-to-fuel ratio.</li></ul>	<ul style="list-style-type: none"><li>• Clean chimney/flue.</li><li>• Contact service technician for adjustment.</li></ul>

### SPECIFICATIONS

Technical specifications for the Cadel Spirit 3 Pellet Stove 5.2 kW.

- Brand:** CADEL
- Model:** Spirit 3 Pellet 5.2 kW
- Heating Type:** Forced Ventilation
- Nominal Power:** 5.2 kW
- Heatable Volume:** 125 m³
- Efficiency:** 89.5%
- Hourly Pellet Consumption:** 1.2 kg/h
- Energy Class:** A+
- Total Tank Capacity:** 12 kg
- Smoke Evacuation Diameter:** 8 cm
- Environmental Certification:** 4 Stars
- Coating Material:** Varnished Metal
- Color:** Red

**Dimensions (Depth x Width x Height):** 275 mm x 958 mm x 275 mm

**Net Weight:** 55 kg

**ASIN:** B09J17VM1D





## WARRANTY AND SUPPORT







For warranty information and technical support, please refer to the official CADEL website or contact your authorized dealer. Specific warranty terms and conditions may vary by region.

Spare parts availability information is not directly provided in the product details. Please consult the manufacturer or your dealer for spare parts inquiries.

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### Related Documents - Spirit 3 Pellet 5.2 kW

	<p><a href="#">PIKO 6 - ELLIOT 6 Pellet Stove Installation Manual   CADEL</a></p> <p>Comprehensive installation guide for the CADEL PIKO 6 and ELLIOT 6 pellet stoves. Covers safety, installation procedures, flue systems, and technical data.</p>
	<p><a href="#">CADEL Pellet Stove Installation Manual</a></p> <p>Comprehensive installation manual for CADEL pellet stoves, including models ZEFIRO, ZEN, PONENTE, and ZENITH. Covers safety, setup, technical specifications, and troubleshooting for installers.</p>
	<p><a href="#">Manual de Usuario ZEN AIRTIGHT Estufas Insertables CADEL</a></p> <p>Guía completa del usuario para la estufa insertable ZEN AIRTIGHT de CADEL. Incluye instalación, uso, mantenimiento, seguridad y solución de problemas.</p>
	<p><a href="#">Manual de Instalación de Estufas de Pellets CADEL</a></p> <p>Manual completo de instalación para estufas de pellets CADEL, cubriendo modelos como Grace, Baggy, Res, Xel, Spirit, Roxy, Atrium, Tabla, Fly, Solo y Madison. Incluye especificaciones técnicas, directrices de seguridad, y resolución de problemas para garantizar una instalación y funcionamiento óptimos.</p>

 <p>MANUAL DO UTILIZADOR Lareiras a pellets</p> <p>CE  </p> <p>ROXY - ATRIUM 5 AIRTIGHT - TABLA - SOLO 5 - MADISON 5</p>	<p><a href="#">Manual do Utilizador: Lareiras a Pellets CADEL - Modelos ROXY, ATRIUM 5, TABLA, SOLO 5, MADISON 5</a></p> <p>Manual do utilizador completo para lareiras a pellets CADEL, cobrindo instalação, operação, manutenção e segurança dos modelos ROXY, ATRIUM 5 AIRTIGHT, TABLA, SOLO 5 e MADISON 5. Inclui detalhes sobre combustível, conectividade Wi-Fi/Bluetooth e resolução de problemas.</p>
 <p>BENUTZERHANDBUCH PELLETOFEN</p> <p>CE  </p> <p>CRISTAL 6</p>	<p><a href="#">Benutzerhandbuch CADEL CRISTAL 6 Pelletofen - Installation, Bedienung &amp; Wartung</a></p> <p>Umfassendes Benutzerhandbuch für den CADEL CRISTAL 6 Pelletofen. Enthält Anleitungen zur Installation, sicheren Bedienung, Fehlerbehebung und Wartung für maximale Effizienz und Langlebigkeit.</p>