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Model: INSERT CANADA 11Kw

1. INTRODUCTION

Thank you for choosing the EIDER BIOMASA INSERT CANADA 11Kw Pellet Stove. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new pellet stove. Please read this manual thoroughly before installation and use, and keep it for future reference.

2. IMPORTANT SAFETY INFORMATION

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

Upon receipt of the pellet stove, it is mandatory to contact our customer service to arrange an appointment for its initial startup and commissioning. The stove includes instructions on how to contact customer service. Please note that the stove requires a smoke outlet, and therefore must be placed near a wall for the installation of the small chimney.

- Always ensure proper ventilation.
- Do not store flammable materials near the stove.
- Regularly inspect and clean the chimney and flue pipes.
- Keep children and pets away from the hot surfaces of the stove.
- Only use approved wood pellets as fuel.
- Ensure the stove is installed by a qualified professional.

3. PRODUCT OVERVIEW

The EIDER BIOMASA INSERT CANADA 11Kw is a high-efficiency pellet stove designed for integration into existing fireplaces or new constructions. It features a double glass and smoked exterior glass for a complete fire view, an optimized ignition system for energy saving, and a programmable timer for personalized comfort.



Figure 3.1: Front view of the EIDER BIOMASA INSERT CANADA 11Kw pellet stove, showcasing its sleek black finish and control panel.



Figure 3.2: The pellet stove insert seamlessly integrated into a brick wall fireplace, demonstrating its intended use.



Figure 3.3: Detailed view of the combustion chamber, showing the pellet burner pot and ash collection area.



Figure 3.4: Close-up of the digital control panel, displaying temperature and operational settings.

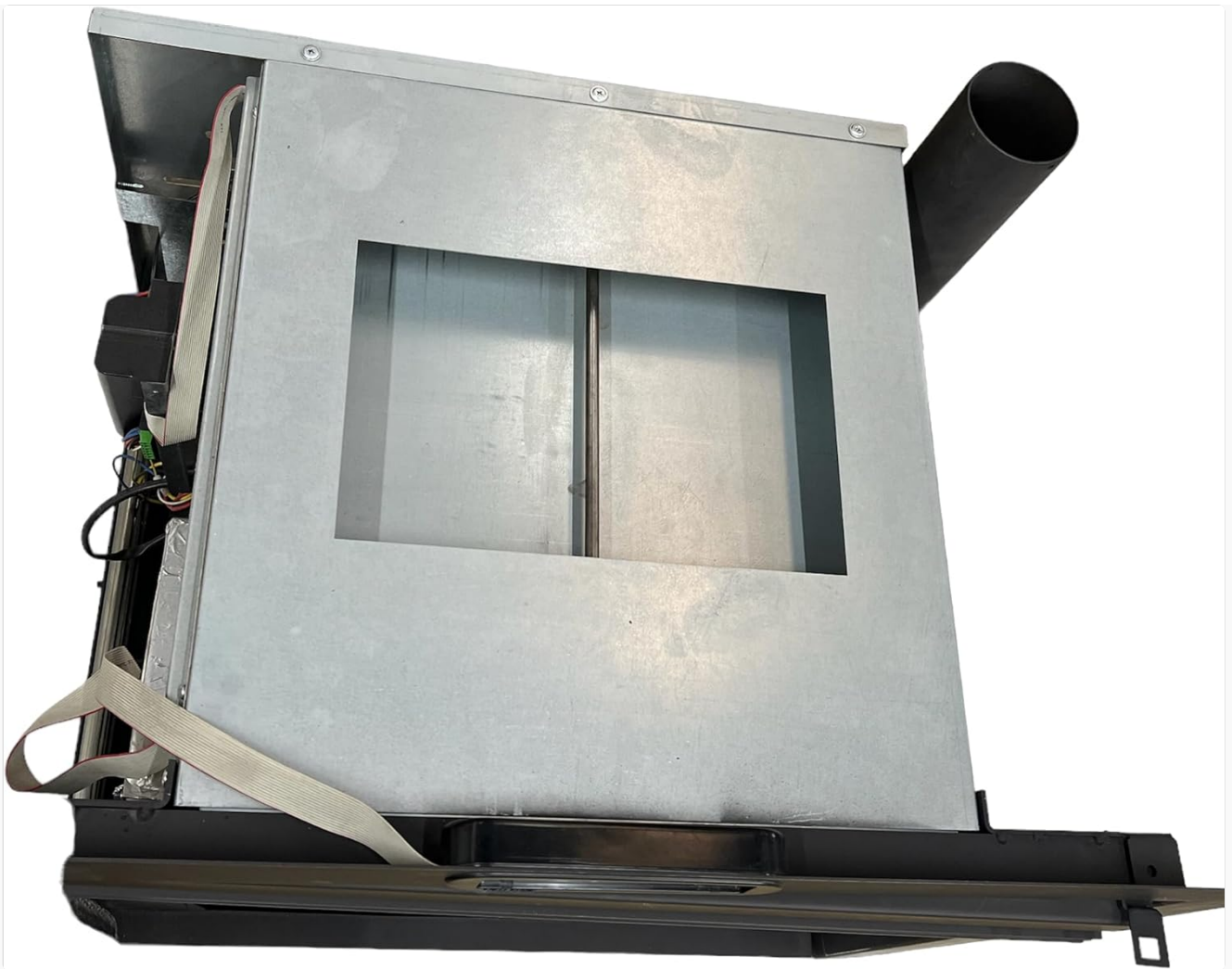


Figure 3.5: Side view of the pellet stove, revealing the internal components such as the fan, wiring, and control board.



Figure 3.6: Internal view showing the pellet hopper and the auger mechanism responsible for feeding pellets into the combustion chamber.

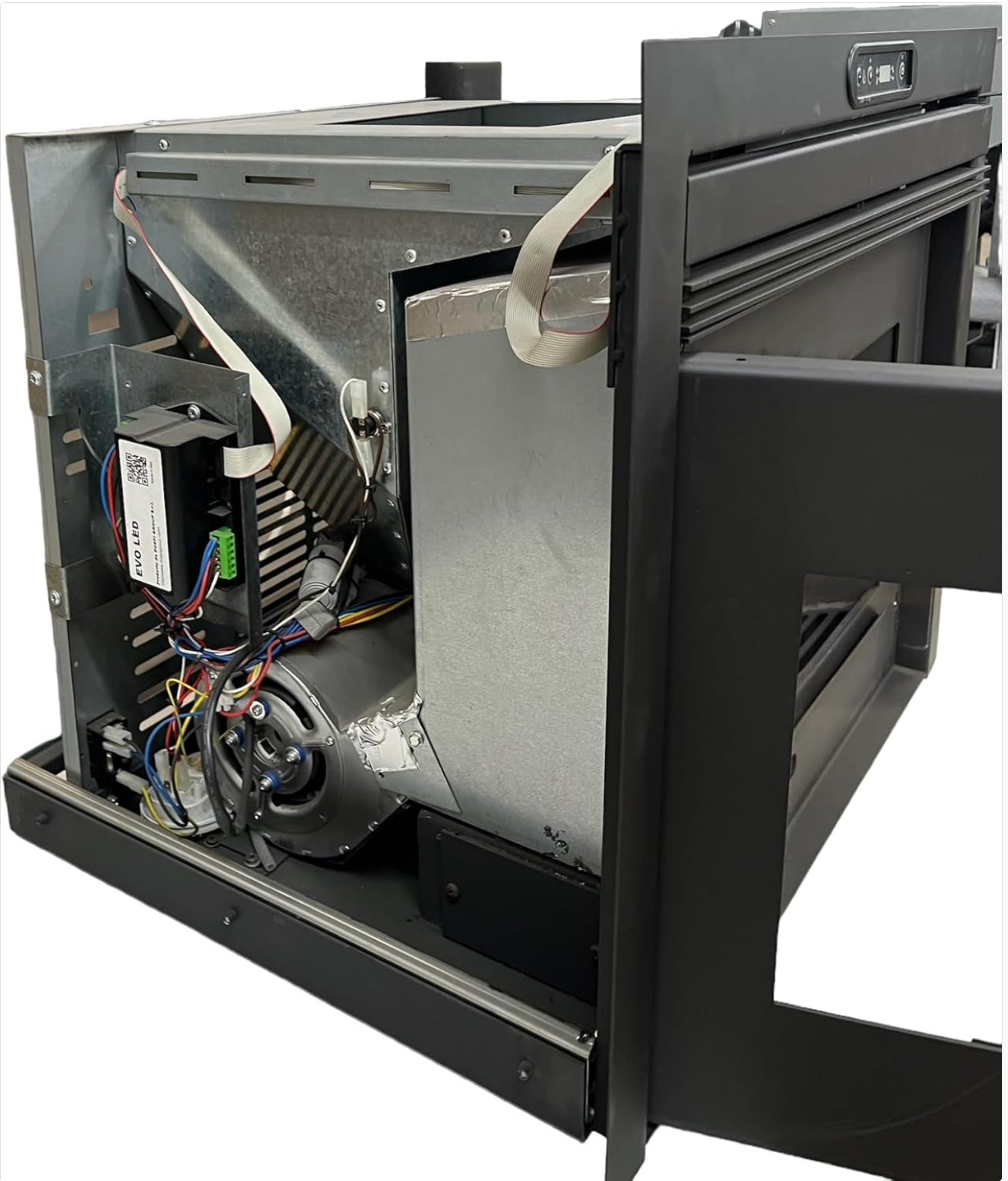


Figure 3.7: Rear view of the pellet stove, highlighting the exhaust pipe connection point for flue gas ventilation.

INSERT CANADÁ 11



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Referencias
ESA234001



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La unión de pellets que genera de sus llamas y el confort de su calor, unido al diseño de un insertable que facilita una solución arquitectónica integradora.

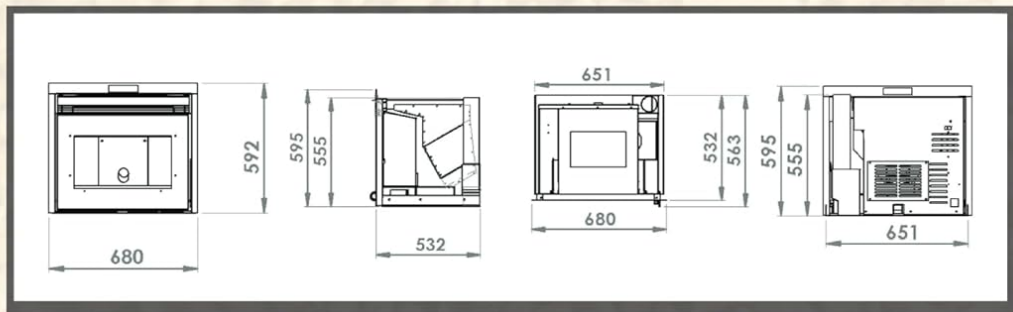
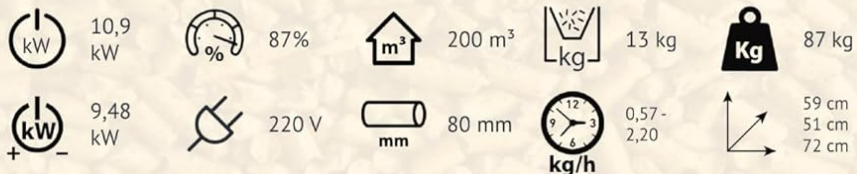


Figure 3.8: Technical diagram providing detailed dimensions and key specifications of the INSERT CANADA 11Kw pellet stove.

Key Features:

- **Double Glass and Smoked Exterior Glass:** Provides a complete view of the fire while enhancing safety and aesthetics.
- **Optimized Ignition System:** Ensures immediate startup and maximizes energy savings.
- **Programmable Timer:** Allows for daily or weekly scheduling of heating cycles for personalized comfort and efficiency.
- **"Easy Clean" Design:** Simplifies the cleaning process, making maintenance effortless and quick.
- **"Crystal View" System:** Keeps the glass impeccably clean, offering an unobstructed view of the flames.
- **Advanced Safety Systems:** Includes protection against overloads and electrical fluctuations for reliable and safe operation.

4. SETUP AND INSTALLATION

Installation of the EIDER BIOMASA INSERT CANADA 11Kw pellet stove should only be performed by a certified professional, as per local building codes and regulations. This stove is designed to be inserted into a suitable fireplace opening or a custom-built enclosure.

Pre-Installation Checklist:

1. Ensure the installation area meets all clearance requirements for combustible materials.
2. Verify the structural integrity of the fireplace or enclosure to support the stove's weight (87 kg).
3. Confirm access to a 220 Volt electrical outlet.
4. Prepare the chimney and flue system according to manufacturer specifications and local codes. A smoke outlet is required.
5. Have the necessary tools and materials ready for installation.

Installation Steps (Professional Installation Recommended):

1. **Positioning:** Carefully slide the pellet stove into the prepared opening, ensuring it is level and securely seated.
2. **Flue Connection:** Connect the stove to the chimney flue system using appropriate, sealed, and insulated flue pipes. Ensure all connections are airtight to prevent smoke leakage.
3. **Electrical Connection:** Plug the stove into a grounded 220V electrical outlet.
4. **Initial Inspection:** Before first use, a qualified technician must inspect the installation to ensure compliance with safety standards and proper functionality.
5. **First Startup:** Contact EIDER BIOMASA customer service for the mandatory initial startup and commissioning. Do not attempt to start the stove yourself for the first time.

5. OPERATING INSTRUCTIONS

Once installed and commissioned by a professional, operating your EIDER BIOMASA pellet stove is straightforward.

Loading Pellets:

1. Ensure the stove is off and cooled down.
2. Open the pellet hopper lid.
3. Pour high-quality wood pellets into the hopper. The maximum capacity is 13 kg. Do not overfill.
4. Close the hopper lid securely.

Starting the Stove:

1. Press the power button on the control panel.
2. The stove will initiate its ignition sequence, which includes pre-heating the igniter and feeding a small amount of pellets into the burn pot.
3. Once ignited, flames will appear, and the stove will enter its operational phase.

Adjusting Settings:

- Use the control panel to adjust the desired room temperature.
- The stove's programming feature allows you to set specific on/off times for daily or weekly operation. Refer to the detailed programming section in the stove's on-board instructions for specific steps.
- The stove automatically modulates its power output to maintain the set temperature and optimize pellet

consumption.

Shutting Down the Stove:

To turn off the stove, press the power button. The stove will enter a cool-down cycle, during which it will stop feeding pellets and continue to run the fan to dissipate residual heat. Do not unplug the stove during this cycle.

6. MAINTENANCE

Regular maintenance is crucial for the longevity, efficiency, and safe operation of your pellet stove. The "Easy Clean" design facilitates this process.

Daily Maintenance:

- **Ash Removal:** Empty the ash pan daily or as needed. Ensure the stove is completely cool before handling ash.
- **Burn Pot Cleaning:** Scrape and clean the burn pot to remove any clinkers or unburnt residue. Ensure all air holes are clear.
- **Glass Cleaning:** Use a specialized glass cleaner for pellet stoves to clean the inner surface of the glass. The "Crystal View" system helps keep it clean, but occasional wiping is still beneficial.

Weekly/Bi-Weekly Maintenance:

- **Vacuuming:** Vacuum the interior of the stove, including the heat exchanger tubes and behind the baffles, to remove accumulated ash and soot.
- **Hopper Inspection:** Check the pellet hopper for any dust or foreign objects.

Annual Maintenance:

- **Chimney and Flue Cleaning:** Have the chimney and flue pipes professionally cleaned at least once a year, or more frequently depending on usage.
- **Component Inspection:** A qualified technician should inspect all internal components, including fans, motors, igniter, and electrical connections, for wear and tear.
- **Gasket Check:** Inspect door and glass gaskets for proper seal and replace if worn.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Stove does not ignite.	No pellets in hopper, igniter failure, clogged burn pot, or power issue.	Check pellet level. Clean burn pot. Verify power supply. Contact service if igniter is faulty.
Low heat output.	Poor quality pellets, clogged flue, or dirty heat exchanger.	Use high-quality pellets. Clean flue and heat exchanger. Adjust feed rate if possible.
Excessive smoke.	Clogged flue, improper air settings, or wet pellets.	Clean flue. Ensure proper air intake. Use dry pellets.
Stove shuts down unexpectedly.	Overheating, safety sensor trip, or power interruption.	Check for obstructions. Allow stove to cool. Verify stable power supply.
Noisy operation.	Fan imbalance, foreign object in fan, or worn bearings.	Inspect fans for debris. If noise persists, contact service. Note: Some noise from pellet feeding and fan operation is normal (34 dB).

8. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	EIDER BIOMASA
Model	INSERT CANADA 11Kw
Color	Black
Product Weight	87 kg
Pellet Capacity	13 Kilograms
Power Output	10.9 kW
Voltage	220 Volts
Material	Alloy Steel
Energy Efficiency	A+
Noise Level	34 dB
Performance	87% Efficiency
Heating Method	Radiant
Installation Type	Wall Insert
Dimensions (Approx.)	59 cm (Height) x 53 cm (Width) x 72 cm (Depth)





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INSERT CANADA 11




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kW

Figure 8.1: Energy efficiency label indicating A+ rating and 9.4 kW nominal heat output.

9. WARRANTY AND SUPPORT

EIDER BIOMASA is committed to providing high-quality products and excellent customer service. For warranty information, technical support, or to schedule a service appointment, please refer to the contact details provided with your product packaging or visit the official EIDER BIOMASA website.

As stated in the safety information, the initial startup and commissioning of your stove must be performed by an authorized EIDER BIOMASA service technician to ensure proper operation and validate your warranty.

For any inquiries, please contact EIDER BIOMASA customer service. You can find contact information within the stove's packaging or by visiting the EIDER BIOMASA Store on Amazon.