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Apex AWZ 56302

Apex AWZ 56302 9.5 kW Pellet Stove User Manual

Model: AWZ 56302 | Brand: Apex

For safe and efficient operation, please read this manual thoroughly before use.

1. INTRODUCTION

Thank you for choosing the Apex AWZ 56302 9.5 kW Pellet Stove. This appliance is designed to provide efficient and reliable heating for your home using wood pellets. Featuring an A+ energy rating and a stylish glass door, this pellet stove combines performance with modern aesthetics. This manual provides essential information for the safe installation, operation, and maintenance of your new pellet stove.



Figure 1.1: The Apex AWZ 56302 Pellet Stove in black and white, with its glass door open, revealing the combustion chamber.

2. IMPORTANT SAFETY INFORMATION

WARNING: Failure to follow these safety instructions could result in fire, property damage, personal injury, or death.

- Read this entire manual before installation and use of this pellet stove.
- Do not install in a mobile home.
- Maintain proper clearances to combustibles as specified in local building codes and manufacturer instructions.
- Only use approved wood pellets as fuel. Do not use gasoline, lantern fuel, kerosene, charcoal lighter fluid, or similar liquids to start or 'freshen up' a fire in this appliance. Keep all such liquids well away from the stove when it is in use.
- Never leave the stove unattended while operating.
- Keep children and pets away from the hot surfaces of the stove.
- Ensure adequate ventilation in the room where the stove is installed.
- Regularly inspect and clean the flue pipe and chimney to prevent creosote buildup.
- In case of fire, call emergency services immediately.

3. PACKAGE CONTENTS

Verify that all items are present and undamaged upon unpacking. If any items are missing or damaged, contact your retailer immediately.

- Apex AWZ 56302 Pellet Stove (Main Unit)
- Remote Control
- User Manual (this document)
- Power Cable



Figure 3.1: The remote control unit for the pellet stove, featuring power, temperature, and flame intensity adjustments.

4. SETUP AND INSTALLATION

Proper installation is critical for the safe and efficient operation of your pellet stove. It is highly recommended that installation be performed by a qualified professional in accordance with all local and national building and fire codes.

4.1 Placement

- Place the stove on a non-combustible floor protector if required by local codes.
- Ensure adequate clearance from combustible materials (walls, furniture, curtains). Refer to the stove's data plate for specific clearance requirements.
- The stove should be placed in a location that allows for easy access for loading pellets and performing maintenance.

4.2 Ventilation and Flue Connection

- Connect the stove to an approved chimney or flue system. The flue pipe must be properly sealed and secured.
- Ensure the chimney is clean and free of obstructions before connecting the stove.
- This model is described as having "vent-free" type ventilation, which typically refers to internal air circulation for heating. However, all pellet stoves require a proper exhaust flue for combustion gases. Consult a professional for correct flue installation to ensure safety and compliance with local regulations.



Figure 4.1: Rear view of the pellet stove, illustrating the exhaust outlet and electrical connections. Proper flue connection is essential.



Figure 4.2: Technical drawing showing the dimensions and key connection points (A, B, C) of the Apex AWZ 56302 Pellet Stove for installation planning.

5. OPERATING INSTRUCTIONS

5.1 Control Panel Overview

The control panel, located on the top of the stove, allows you to manage the stove's functions. Familiarize yourself with the buttons and display before operation.



Figure 5.1: Close-up of the pellet stove's control panel, displaying temperature, fan, and power indicators, along with control buttons.

5.2 Loading Pellets

1. Ensure the stove is cool and turned off before loading pellets.

2. Open the pellet hopper lid, typically located on the top of the stove.
3. Pour approved wood pellets into the hopper. Do not overfill.
4. Close the hopper lid securely.

5.3 Starting the Stove

1. Ensure the pellet hopper is filled and the ash pan is empty.
2. Press the power button () on the control panel or remote control.
3. The stove will initiate its start-up sequence, which includes feeding pellets into the burn pot and igniting them. This process may take several minutes.
4. Once ignited, the stove will begin to produce heat.

5.4 Adjusting Heat Output and Temperature

- Use the temperature control buttons (+ / -) on the control panel or remote to set the desired room temperature.
- The stove will automatically adjust pellet feed rate and fan speed to maintain the set temperature.
- Flame intensity can also be adjusted using dedicated buttons on the remote control.

5.5 Shutting Down the Stove

1. Press and hold the power button () until the stove begins its shutdown cycle.
2. The stove will stop feeding pellets and the fan will continue to run for a period to cool down the unit.
3. Do not unplug the stove during the shutdown cycle. Allow it to complete the cooling process.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your pellet stove. Always ensure the stove is cool and unplugged before performing any maintenance.

6.1 Daily/Weekly Maintenance

- **Ash Removal:** Empty the ash pan regularly. Excessive ash buildup can impede combustion and reduce efficiency.
- **Burn Pot Cleaning:** Clean the burn pot to remove any clinkers or unburnt pellets. Ensure air holes are clear.
- **Glass Cleaning:** Clean the glass door with a specialized stove glass cleaner when the stove is cool.

6.2 Monthly/Seasonal Maintenance

- **Flue Pipe and Chimney Cleaning:** Inspect and clean the flue pipe and chimney to prevent creosote buildup. This should be done by a qualified chimney sweep at least once a year.
- **Hopper Cleaning:** Periodically vacuum out the pellet hopper to remove any dust or fine particles.
- **General Inspection:** Check all seals and gaskets for wear and tear. Replace if necessary.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your pellet stove. For problems not listed here, or if solutions do not resolve the issue, contact a qualified service technician.

| Problem | Possible Cause | Solution |
|--------------------------------|---|--|
| Stove does not ignite. | No pellets in hopper, igniter failure, clogged burn pot, faulty sensor. | Check pellet level. Clean burn pot. Consult service technician for igniter or sensor issues. |
| Low heat output. | Low pellet feed rate, poor quality pellets, clogged flue, dirty burn pot. | Increase pellet feed setting. Use high-quality pellets. Clean flue and burn pot. |
| Excessive smoke. | Clogged flue, improper air-to-fuel ratio, wet pellets. | Clean flue. Ensure proper air intake. Use dry pellets. |
| Stove shuts down unexpectedly. | Overheating, low pellet level, safety sensor trip, power interruption. | Check for obstructions. Refill hopper. Reset stove after cooling. Check power supply. |

8. SPECIFICATIONS

The following are the technical specifications for the Apex AWZ 56302 Pellet Stove:

- **Brand:** Apex
- **Model:** AWZ 56302
- **Heat Output:** 9.5 kW (9500 Watts)
- **Energy Class:** A+ (A++ to G)
- **Material:** Metal
- **Color:** Black/White
- **Ventilation Type:** Vent-free (internal air circulation, requires external flue for exhaust)
- **Efficiency:** High Efficiency
- **Mounting Type:** Freestanding
- **Assembly Required:** No (for the main unit)
- **ASIN:** B09MWD5YN7

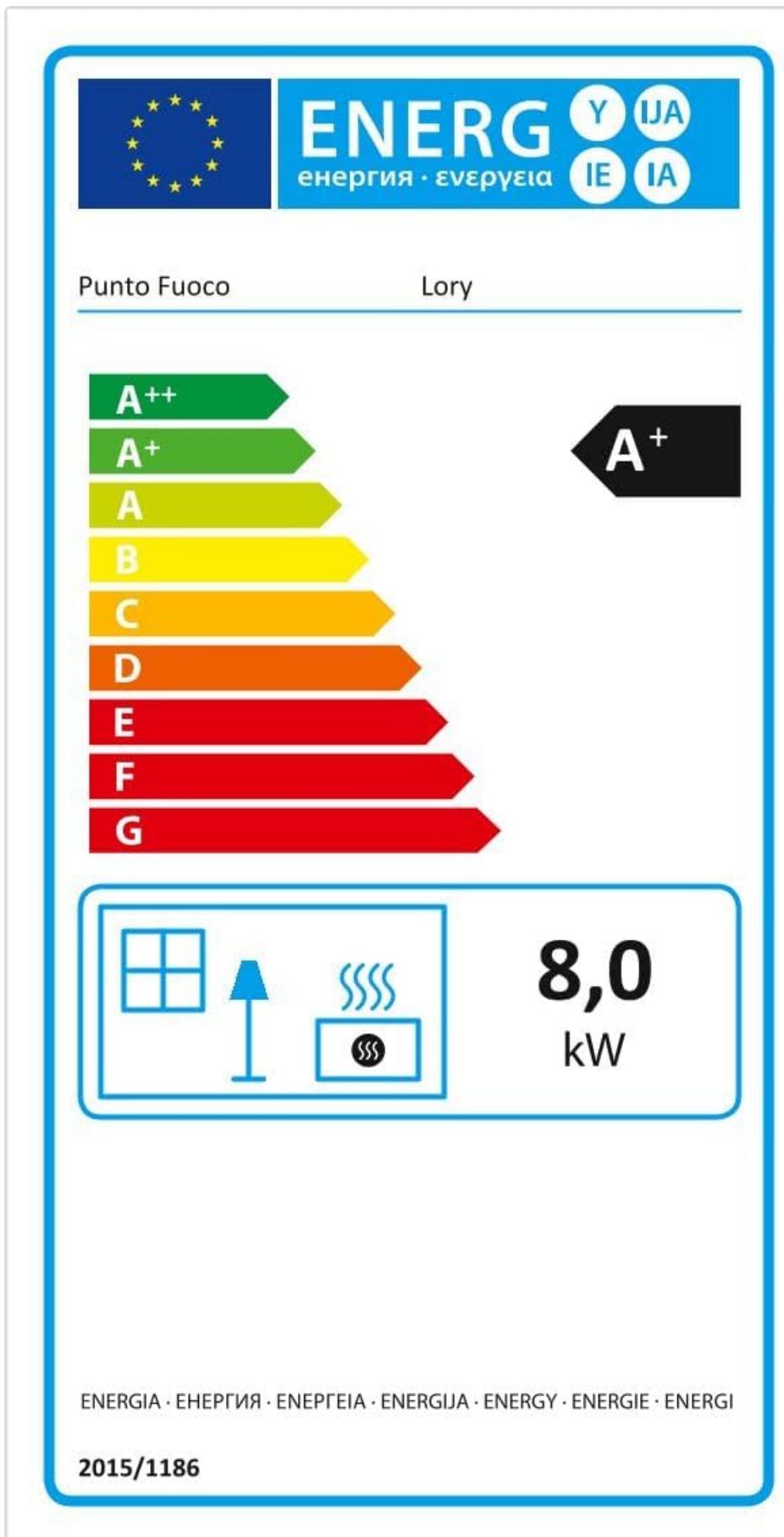


Figure 8.1: Energy efficiency label for the pellet stove, indicating an A+ rating and 8.0 kW nominal output. Please note that the product title specifies 9.5 kW, while this label shows 8.0 kW; refer to the product packaging for the most accurate rating.

9. WARRANTY AND SUPPORT

Information regarding specific warranty terms and customer support contacts for the Apex AWZ 56302 Pellet

Stove is not provided in the available product data. Please refer to your purchase documentation or contact your retailer for details on warranty coverage and technical support.

For general inquiries or assistance, you may also visit the manufacturer's official website (if known) or contact the seller directly.

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