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Advia 12156009, 12056010

Advia Combustion Exhaust Blower User Manual

Models: 12156009, 12056010

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Advia Aftermarket 12156009/12056010 Combustion Exhaust Blower. This blower is designed to deliver a steady stream of forced air (negative draft) through your pellet stove, ensuring efficient combustion and optimal heat output. Its ultra-quiet FASCO motor is engineered for low vibration and quiet operation.



Image: The Advia 12156009/12056010 Combustion Exhaust Blower, showcasing its motor and housing assembly.

PRODUCT COMPATIBILITY

This combustion exhaust blower is compatible with a wide range of Whitfield pellet stove models. Please verify your stove model against the list below to ensure proper fit and function.

- **For models requiring 12156009:**
 - Whitfield Advantage 2 (WP2)
 - Whitfield Advantage II-T (WP2)
 - Whitfield Advantage II-T Classic (WP2)

- Whitfield Advantage II-T Insert (WP2)
 - Whitfield Advantage Plus (WP7)
 - Whitfield Advantage Plus FS (WP7)
 - Whitfield Advantage Plus Insert (WP7)
 - Whitfield Advantage II (WP2)
 - Whitfield Advantage II Insert (WP2)
- **For models requiring 12056010:**
 - Whitfield Advantage I (WP2)
 - Whitfield Advantage III (WP2)
 - Whitfield Advantage III Insert (WP2)
 - Whitfield Advantage 1
 - Whitfield Explorer (WF1)
 - Whitfield Frontiersman (WF2)
 - Whitfield Legend (WP1)

Compatible With Whitfield Pellet Stoves

- ✓ Advantage 2
- ✓ Advantage II-T
- ✓ Advantage Plus
- ✓ Advantage II



WHY REPLACE YOUR BLOWER?

An aging or malfunctioning exhaust blower can lead to several issues, including:

- Excessive noise (metal-on-metal screeching)
- Incomplete pellet combustion, leading to wasted fuel
- Increased ash buildup in the burn area
- Reduced heating efficiency

Replacing your old blower with a new Adviace unit can significantly improve your stove's performance, resulting in quieter operation, more efficient burning, and reduced maintenance.



OLD FAN

The original fan was wearing out after years and getting **LOUDER** with each use, can't get a good fire either, plus you are required to deal with a lot of ash in the burn area.



REPLACE NEW FAN

The new fan will run very **QUIETLY**, give a good burn and much much less ash. More heat, better burn, and more time from a bag of pellets.

INCLUDED WITH PURCHASE

Your Adviace Combustion Exhaust Blower package comes fully assembled and includes the following components:

- Combustion Blower with Housing
- Housing to Stove Gasket
- Motor to Housing Gasket

The blower is equipped with a molex plug. If your existing stove uses an older style with two spade plugs, you may need to change the connectors to match.

TECHNICAL SPECIFICATIONS

The Adviace Combustion Exhaust Blower features a sealed ball bearing FASCO motor, designed for durability and reliable performance.

Specification	Value
Volts	115V
Cycles	60 Hz
Amps	0.93A
RPMs	3000
Motor Type	Sealed Ball Bearing FASCO Motor
Replacement Part Numbers	12156009, 12056010, 12026010, 12126009, 12050111
Item Weight	4.77 pounds
Product Dimensions	1"D x 1"W x 1"H (Note: These dimensions seem generic, refer to actual product for precise fit)

Technical Specifications

Volts: 115

Cycles: 60Hz

Amps: 0.93A

RPM: 3000



Image: A close-up view of the blower motor, displaying its technical specifications such as voltage, cycles, amperage, and RPM.



Image: Illustration highlighting the high-quality ball bearing motor, emphasizing its efficiency, longer lasting performance, and UL certification.

SETUP AND INSTALLATION

Disclaimer: Installation of this part should only be performed by individuals with appropriate mechanical and electrical knowledge. Always disconnect power to the pellet stove before beginning any installation or maintenance. Refer to your specific pellet stove's service manual for detailed instructions and safety precautions.

1. **Safety First:** Ensure the pellet stove is completely cool and disconnected from all power sources (unplugged from the wall outlet).
2. **Access the Blower:** Locate the existing combustion exhaust blower on your pellet stove. This typically involves removing access panels or covers. Consult your stove's manual for exact location and removal procedures.
3. **Disconnect Wiring:** Carefully disconnect the electrical wiring from the old blower. Note the orientation of the wires if they are not color-coded or if your stove uses spade plugs instead of a molex connector. If your stove has older spade plugs, you will need to adapt the new blower's molex plug or replace the spade plugs on the stove's wiring with a molex connector.

4. **Remove Old Blower:** Unbolt or unfasten the old blower from its mounting. Be mindful of any gaskets that may be present.
5. **Prepare New Blower:** Ensure the new Adviace blower has the correct gaskets installed (housing to stove gasket, motor to housing gasket). These are included with your purchase.
6. **Install New Blower:** Mount the new blower in the same position as the old one, ensuring a secure fit. Tighten all fasteners appropriately.
7. **Connect Wiring:** Reconnect the electrical wiring to the new blower. Double-check all connections for security and correct polarity.
8. **Reassemble Stove:** Replace any access panels or covers that were removed.
9. **Test Operation:** Plug the pellet stove back into the power outlet. Follow your stove's normal startup procedure to test the new blower. Listen for smooth, quiet operation and observe proper combustion.

If you encounter any difficulties or are unsure about any step, it is recommended to consult a qualified technician.

OPERATING INSTRUCTIONS

The combustion exhaust blower operates automatically as part of your pellet stove's normal cycle. Its primary function is to create a negative draft, drawing air through the burn pot and expelling exhaust gases. Proper operation of the blower is crucial for efficient and safe combustion.

- **Startup:** Upon initiating the stove's startup sequence, the blower will activate to establish the necessary draft for ignition.
- **During Operation:** The blower will continuously adjust its speed based on the stove's heat setting and combustion requirements, maintaining optimal airflow.
- **Shutdown:** When the stove is turned off, the blower will continue to run for a period to cool down the system and clear any remaining exhaust gases before shutting off.

Note: If you notice unusual noises, reduced heat output, or excessive smoke, refer to the Troubleshooting section.

MAINTENANCE

Regular maintenance of your pellet stove, including the combustion exhaust blower, is essential for longevity and efficient operation. While the Adviace blower features sealed ball bearings that require no lubrication, periodic inspection is recommended.

- **Annual Inspection:** At least once a year, or more frequently with heavy use, inspect the blower for any signs of wear, damage, or excessive dust/ash buildup on the fan blades.
- **Cleaning:** If accessible, carefully clean any dust or ash from the fan blades and housing using a soft brush or vacuum cleaner. Ensure the stove is cool and unplugged before cleaning.
- **Gasket Integrity:** Check the integrity of the gaskets around the blower housing. Worn or damaged gaskets can lead to air leaks, affecting stove performance. Replace gaskets as needed.
- **Wiring Check:** Verify that all electrical connections to the blower are secure and free from corrosion or damage.

Do not attempt to lubricate the sealed bearings, as this can damage the motor.

TROUBLESHOOTING

This section addresses common issues related to the combustion exhaust blower. Always ensure the stove is unplugged before inspecting or working on components.

Problem	Possible Cause	Solution
Blower is excessively noisy (screeching, grinding)	Worn bearings in the old blower; debris in fan blades.	Replace the blower. Inspect for and remove any debris.
Blower not running	No power; faulty wiring; motor failure; stove control board issue.	Check power supply to stove. Inspect wiring connections. Test blower motor if possible (by qualified technician). Consult stove manual for control board diagnostics.
Poor combustion, excessive smoke, or pellets not burning completely	Insufficient draft from blower; clogged exhaust path; worn blower.	Ensure blower is running correctly. Clean exhaust vent and chimney. Check for air leaks around blower gaskets. Replace blower if it's old and weak.
Blower runs intermittently	Loose wiring connection; overheating; control board issue.	Check all electrical connections. Ensure proper ventilation around the blower. Consult stove manual for control board diagnostics.

WARRANTY AND SUPPORT

The Adviace Aftermarket 12156009/12056010 Combustion Exhaust Blower comes with an exclusive **1-Year Warranty**. This warranty covers defects in materials and workmanship under normal use. For warranty claims, technical assistance, or any questions regarding your product, please contact Adviace customer support through the retailer where you purchased the product or refer to the contact information provided with your purchase documentation. Please have your purchase details and product model number (12156009 or 12056010) ready when contacting support.

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