

Fasco A173

Fasco A173 Specific Purpose Blower Instruction Manual

Model: A173

INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient use of your Fasco A173 Specific Purpose Blower. Please read this manual thoroughly before installation or operation and retain it for future reference.

SAFETY INFORMATION

Adherence to safety guidelines is crucial for preventing injury and damage.

- Disconnect power before installation, maintenance, or servicing.
- Ensure all electrical connections comply with local codes and regulations.
- This blower is designed for specific purposes. Do not use it for applications other than its intended use.
- Keep hands and foreign objects away from moving parts during operation.
- Installation should be performed by a qualified technician.

PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- 1 x Fasco A173 Specific Purpose Blower
- This Instruction Manual

SPECIFICATIONS

Parameter	Value
Model	A173

Parameter	Value
Brand	Fasco
Horsepower	1/18 HP
Motor Type	PSC
Voltage	115 Volts
RPM	3450 RPM
Speed	1 Speed
Amperage	0.8 Amps
Rotation	CCW (Counter-Clockwise)
Bearings	Ball Bearing
Item Weight	9.15 pounds
Product Dimensions	13 x 12.5 x 11.5 inches
UPC	785577741913

SETUP AND INSTALLATION

- The Fasco A173 blower is designed for integration into specific systems. Professional installation is recommended.
- Mounting:** Securely mount the blower in the designated location using appropriate fasteners. Ensure the mounting surface is stable and can support the blower's weight and operational vibrations.
 - Duct Connection:** Connect the blower's inlet and outlet ports to the system's ductwork. Ensure connections are airtight to maintain efficiency.
 - Electrical Wiring:** Connect the blower to a 115-volt power supply. Refer to the wiring diagram (if available, otherwise general guidance). Ensure proper grounding and adherence to all electrical codes. The blower operates at 0.8 Amps.
 - Pre-Operation Check:** Before applying power, double-check all connections, mounting, and ensure no obstructions are present in the air path.



Image: Fasco A173 Specific Purpose Blower. This image displays the blower unit, highlighting its motor, housing, and air intake/exhaust ports. The electrical wires are visible near the motor.

OPERATING INSTRUCTIONS

Once installed and all safety checks are complete:

1. **Power On:** Apply power to the system the blower is integrated into. The blower should start operating.
2. **Monitor Performance:** Observe the blower's operation. Listen for unusual noises or vibrations.
3. **Power Off:** To stop operation, disconnect power to the unit or system.

The blower operates at a single speed of 3450 RPM with a CCW rotation.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your Fasco A173 blower.

- **Periodic Inspection:** Annually inspect the blower for any signs of wear, damage, or loose connections.
- **Cleaning:** Keep the blower's exterior and air intake/exhaust ports free from dust and debris. Disconnect power before cleaning. Do not use harsh chemicals.
- **Motor Bearings:** The ball bearings are typically sealed and do not require lubrication.
- **Wiring:** Check electrical wiring for fraying or damage.

TROUBLESHOOTING

This section addresses common issues you might encounter. For problems not listed, contact Fasco customer support.

- **Blower Does Not Start:**
 - **Check Power Supply:** Ensure the unit is properly connected to a 115V power source and that the circuit breaker is not tripped.
 - **Wiring:** Verify all electrical connections are secure and correct.

- **Unusual Noise or Vibration:**

- **Mounting:** Check if the blower is securely mounted. Loose mounting can cause vibration.
- **Obstructions:** Inspect the air path for any foreign objects that might be hitting the impeller. Disconnect power before inspection.
- **Bearings:** If the noise persists and is mechanical, the motor bearings might be failing. This typically requires professional service or replacement.

- **Reduced Airflow:**

- **Obstructions:** Check for blockages in the intake or exhaust ducts.
- **Motor Speed:** Ensure the motor is running at its rated speed (3450 RPM).

WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided at the time of purchase or contact Fasco customer service directly.

For technical assistance or replacement parts, please visit the official Fasco website or contact their support team.

Fasco Contact Information: Refer to official Fasco resources for current contact details.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Email

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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