

Fasco A118

Fasco A118 Draft Inducer Blower User Manual

Model: A118

INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of the Fasco A118 Draft Inducer Blower. Please read this manual thoroughly before attempting any installation or service procedures. Retain this manual for future reference.

The Fasco A118 Draft Inducer Blower is designed to expel exhaust gases from a furnace, ensuring proper ventilation and combustion efficiency.

SAFETY INFORMATION

WARNING: Risk of electric shock, fire, or injury. Installation and servicing must be performed by a qualified technician.

- Always disconnect power to the furnace before installing or servicing the inducer blower.
- Wear appropriate personal protective equipment (PPE), including gloves and eye protection.
- Ensure all wiring connections comply with local and national electrical codes.
- Do not operate the blower if it is damaged or if any components are missing.
- Keep hands and loose clothing away from moving parts.
- This product is intended for use in HVAC systems as a furnace inducer motor. Do not use for other applications.

SETUP AND INSTALLATION

Pre-Installation Checks

- Verify that the Fasco A118 is the correct replacement part for your furnace model.
- Inspect the blower for any shipping damage. Do not install if damaged.
- Ensure all necessary tools and materials are available.

Mounting Instructions

1. Disconnect the furnace from its power source.
2. Carefully remove the old inducer blower, noting its orientation and connections.
3. Position the Fasco A118 in the same orientation as the removed unit.
4. Secure the blower to the furnace housing using appropriate fasteners. Ensure a tight seal to prevent exhaust leaks.

Electrical Connections

1. Connect the electrical wiring from the furnace to the Fasco A118, matching the wiring configuration of the original unit. Refer to the furnace manufacturer's wiring diagram.
2. Ensure all connections are secure and insulated.
3. Do not apply power until all connections are verified and the unit is properly mounted.

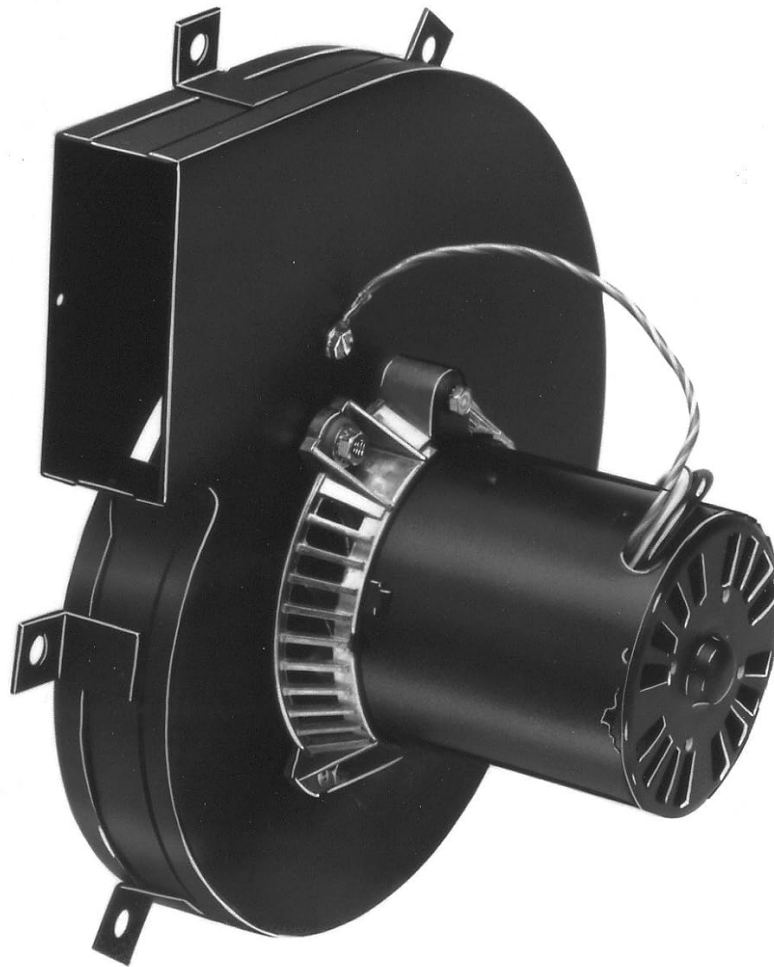


Figure 1: Fasco A118 Draft Inducer Blower. This image displays the complete Fasco A118 Draft Inducer Blower assembly. It features a cylindrical motor attached to a volute-shaped fan housing, with an exhaust outlet visible on the top left. Mounting brackets are present around the housing.

OPERATING INSTRUCTIONS

Once installed, the Fasco A118 Draft Inducer Blower operates automatically as part of the furnace's combustion cycle. When the thermostat calls for heat, the furnace control board initiates the inducer blower. The blower creates

a negative pressure within the combustion chamber, drawing in fresh air and expelling exhaust gases through the vent system.

- Ensure the furnace vent system is clear of obstructions.
- Listen for normal operating sounds; unusual noises may indicate a problem.
- Observe the furnace's ignition sequence to confirm proper inducer operation.

MAINTENANCE

Regular maintenance helps ensure the longevity and efficient operation of your Fasco A118 Draft Inducer Blower.

Annual Inspection

1. Disconnect power to the furnace.
2. Inspect the blower wheel for dirt, debris, or corrosion. Clean if necessary.
3. Check the motor for any signs of overheating or unusual wear.
4. Examine mounting bolts and electrical connections for tightness and integrity.
5. Ensure the exhaust vent pipe connected to the inducer is clear and free of obstructions.

Cleaning

If the blower wheel is dirty, carefully remove the inducer assembly (after disconnecting power) and use a soft brush or vacuum to remove accumulated dust and debris. Avoid using harsh chemicals or solvents that could damage components.

TROUBLESHOOTING

If your Fasco A118 Draft Inducer Blower is not functioning correctly, consult the following table. Always disconnect power before inspecting or servicing the unit.

Problem	Possible Cause	Solution
Blower does not start	No power, faulty wiring, seized motor, faulty control board.	Check power supply and circuit breaker. Inspect wiring connections. If motor is seized, replacement may be necessary. Consult a qualified technician for control board issues.
Unusual noise (grinding, squealing)	Worn bearings, debris in blower wheel, loose mounting.	Disconnect power and inspect blower wheel for debris. Check mounting bolts for tightness. Worn bearings typically require unit replacement.
Furnace not igniting after blower starts	Blocked vent, faulty pressure switch, faulty igniter.	Check for obstructions in the exhaust vent. Inspect pressure switch hose for cracks or blockages. Consult a qualified technician for pressure switch or igniter issues.
Blower runs continuously	Faulty control board, stuck relay.	Consult a qualified technician to diagnose and repair the control board or relay.

SPECIFICATIONS

Specification	Value
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Specification	Value
Brand	Fasco
Model Number	A118
Speed	3000 rpm
Voltage	115 volts
Item Weight	10 pounds
UPC	815585025795

WARRANTY INFORMATION

Fasco products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the documentation provided with your purchase or contact Fasco directly. Keep your proof of purchase for warranty claims.

SUPPORT

If you require further assistance, have questions about installation, or need to troubleshoot issues not covered in this manual, please contact a qualified HVAC technician or Fasco customer support. Do not attempt repairs beyond your technical capabilities.
For more information, visit the [Fasco official website](#).

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

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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