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biaodibisizs A066

biaodibisizs A066 Furnace Draft Inducer Flue Exhaust Blower Instruction Manual

Model: A066

1. Introduction

Thank you for choosing the biaodibisizs A066 Furnace Draft Inducer Flue Exhaust Blower. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new unit. Please read these instructions thoroughly before beginning installation or operation and retain this manual for future reference.

2. Safety Information

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

- Always disconnect power to the furnace before installing or servicing the draft inducer blower.
- Wear appropriate personal protective equipment, including gloves and eye protection, during installation and maintenance.
- Ensure all electrical connections are secure and comply with local electrical codes.
- Do not operate the blower if it is damaged or not functioning correctly.
- This unit must be installed by a qualified service technician.

3. Package Contents

Verify that all components are present before beginning installation:

- 1 x biaodibisizs A066 Furnace Draft Inducer Flue Exhaust Blower
- Gasket (attached to housing)

4. Setup and Installation

This draft inducer blower is a replacement part compatible with various Fasco, Rheem, and Rudd furnace models. Please confirm that the model you need to buy matches our model before ordering. Refer to the specifications section for a list of

compatible part numbers.

4.1 Pre-Installation Checks

1. **Power Disconnection:** Ensure the main power supply to the furnace is completely disconnected at the circuit breaker or fuse box.
2. **Old Unit Removal:** Carefully disconnect the wiring and remove the existing draft inducer blower from the furnace. Note the orientation and wiring connections for proper reinstallation.
3. **Compatibility Check:** Compare the new A066 blower with the old unit and the furnace's specifications to ensure proper fit and function. This unit features 1-Speed CCW Rotation and Sleeve Bearings.

4.2 Installation Steps

1. **Positioning:** Align the new A066 draft inducer blower with the mounting points on the furnace. The gasket is pre-attached to the housing for a secure seal.
2. **Mounting:** Secure the blower to the furnace using the appropriate fasteners. Ensure it is firmly attached and there are no gaps around the gasket.
3. **Wiring:** Connect the electrical wiring to the new blower. Refer to the wiring diagram of your furnace and ensure connections match the original setup. Double-check all connections for tightness and proper insulation.
4. **Vent Pipe Connection:** Reconnect the flue vent pipe to the blower outlet. Ensure a tight, leak-free connection.
5. **Final Inspection:** Visually inspect all connections, mounting, and wiring to ensure everything is correctly installed and secure.



Image 1: The biaodibisizs A066 Furnace Draft Inducer Flue Exhaust Blower. This image shows the overall design and components of the blower, including the motor and housing, which is crucial for identifying the correct replacement part during installation.

5. Operating Instructions

Once installed, the draft inducer blower operates automatically as part of the furnace's combustion cycle. When the thermostat calls for heat, the furnace control board activates the draft inducer to create a negative pressure in the combustion chamber, drawing in fresh air and expelling exhaust gases. The furnace will not ignite until the pressure switch confirms proper draft.

- After installation, restore power to the furnace.
- Set the thermostat to call for heat to initiate a test cycle.
- Observe the blower's operation. It should start smoothly and run quietly.
- Listen for any unusual noises or vibrations.

6. Maintenance

Regular maintenance ensures the longevity and efficient operation of your draft inducer blower. Always disconnect power before performing any maintenance.

- **Annual Inspection:** Have a qualified technician inspect the blower annually for signs of wear, corrosion, or damage.
- **Cleaning:** Periodically inspect the blower wheel for debris accumulation (e.g., dust, lint). If necessary, carefully clean the wheel and housing using a soft brush or vacuum cleaner. Avoid using harsh chemicals.
- **Vibration Check:** Ensure the blower remains securely mounted and free from excessive vibration. Tighten any loose fasteners.

7. Troubleshooting

If you experience issues with your draft inducer blower, refer to the table below for common problems and solutions. For complex issues, contact a qualified HVAC technician.

Problem	Possible Cause	Solution
Blower does not start	No power; faulty wiring; seized motor; faulty control board	Check power supply and circuit breaker. Verify wiring connections. Inspect motor for obstructions. Consult a technician for control board issues.
Blower runs but furnace does not ignite	Pressure switch issue; clogged flue; faulty igniter	Check pressure switch hose for blockages. Inspect flue for obstructions. Consult a technician for igniter issues.
Unusual noise or vibration	Loose mounting; debris in blower wheel; worn bearings	Tighten mounting bolts. Clean blower wheel. If bearings are worn, replacement may be necessary.
Blower cycles on and off rapidly	Pressure switch malfunction; restricted airflow	Inspect pressure switch and its hose. Check flue and air intake for blockages.

8. Specifications

The biaodibisizs A066 is designed as a functional equivalent replacement for various furnace draft inducer models.

Feature	Detail
Model Number	A066
Voltage	115 Volts
Amperage	1.27 Amps
Horsepower (HP)	1/30 hp

Feature	Detail
RPM	3000 RPM
Rotation	CCW (Counter-Clockwise)
Bearings	Sleeve Bearings
Gasket	Attached to housing
Compatible Part Numbers	70-24157-03, 117847-00, 7058-1406, 70-22838-02, J238-150-1533, J238-150-15165, 70-101087-01, 70-24178-01, 70-24175-01, 70-24175-81, 7021-11559, 70-22838-82, Amtek 117104-01, 117104-04, 117847-07, 66847, 66838, 119243-000, 00-81R02QJAA, 70-24121-03, 70-24151-83, 117104-05, FB-RFB241

9. Warranty Information

This product is manufactured with 100% quality assurance, designed and crafted to be a reliable replacement part. It is made of durable, high-quality materials, compact and sturdy, built to last.

10. Customer Support

Customer satisfaction is our priority. If you have any questions, concerns, or are not satisfied with the product, please contact the seller or manufacturer directly for assistance. We are committed to providing a satisfactory solution.

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.

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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.

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