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› Fasco 7062-5165 Comfort Maker Furnace Draft Inducer Motor Instruction Manual

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Model: 7062-5165

INTRODUCTION

This manual provides essential instructions for the safe and efficient installation, operation, and maintenance of your Fasco 7062-5165 Comfort Maker Furnace Draft Inducer Motor. Please read this manual thoroughly before attempting any installation or operation.

The Fasco 7062-5165 is a replacement draft inducer motor designed to expel exhaust gases from your furnace, ensuring proper ventilation and combustion efficiency. This unit is a brand new, upgraded component.

SAFETY INFORMATION

WARNING: Risk of electric shock, fire, or explosion. Improper installation, adjustment, alteration, service, or maintenance can cause injury or property damage. Consult a qualified installer, service agency, or gas supplier for information or assistance.

- Always disconnect power to the furnace before installing or servicing the motor.
- Ensure all wiring connections are secure and comply with local electrical codes.
- Do not operate the furnace if the draft inducer motor is damaged or not functioning correctly.
- Wear appropriate personal protective equipment (PPE) during installation and maintenance.

SETUP AND INSTALLATION

This section outlines the general steps for replacing an existing draft inducer motor. Professional installation is highly recommended.

1. **Power Disconnection:** Turn off the main power supply to the furnace at the circuit breaker or fuse box. Verify power is off using a voltage tester.
2. **Access the Motor:** Locate the existing draft inducer motor on your furnace. This typically involves removing an access panel.
3. **Disconnect Wiring:** Carefully disconnect all electrical wiring from the old motor. Note the position of each wire for

correct re-connection. Taking a photograph can be helpful.

4. **Remove Old Motor:** Unbolt and remove the old draft inducer motor from its mounting bracket or housing. Be aware of any gaskets or seals that may need to be replaced.
5. **Install New Motor:** Position the Fasco 7062-5165 motor in the same location as the old unit. Ensure any new gaskets or seals are properly seated. Secure the motor with the appropriate bolts.
6. **Connect Wiring:** Reconnect the electrical wiring to the new motor, matching the connections noted in step 3. Double-check all connections for tightness.
7. **Reassemble Furnace:** Replace any access panels or covers removed earlier.
8. **Restore Power:** Turn the main power supply back on at the circuit breaker.



Image: The Fasco 7062-5165 Comfort Maker Furnace Draft Inducer Motor. This image shows the general appearance of the motor, including its housing and electrical connections, which is typical for a furnace draft inducer component.

OPERATING INSTRUCTIONS

Once installed, the Fasco 7062-5165 draft inducer motor operates automatically as part of your furnace's normal heating cycle.

- When the thermostat calls for heat, the furnace control board will activate the draft inducer motor.
- The motor creates a negative pressure (draft) in the combustion chamber, drawing in fresh air and expelling exhaust gases through the vent system.
- Once sufficient draft is established and verified by safety switches (e.g., pressure switch), the igniter will activate, followed by the main burners.
- The draft inducer motor continues to run throughout the heating cycle to ensure proper combustion and exhaust removal.
- After the heating cycle, the motor will typically run for a short post-purge period to clear any remaining exhaust gases before shutting off.

No direct user interaction is required for the operation of the draft inducer motor itself, beyond ensuring the furnace is

powered and the thermostat is set correctly.

MAINTENANCE

Regular maintenance of your furnace, including the draft inducer motor, is crucial for optimal performance and longevity. It is recommended to have your furnace inspected annually by a qualified HVAC technician.

- **Annual Inspection:** A technician should inspect the motor for signs of wear, corrosion, or damage.
- **Vent System Check:** Ensure the furnace's exhaust vent system is clear of obstructions (e.g., bird nests, debris) that could impede airflow and strain the motor.
- **Cleanliness:** Keep the area around the furnace and the motor free from dust and debris.
- **Noise Monitoring:** Pay attention to any unusual noises coming from the motor, such as grinding, squealing, or excessive vibration, which could indicate a problem.

Do not attempt to lubricate the motor unless specifically instructed by the manufacturer, as many modern motors are sealed and permanently lubricated.

TROUBLESHOOTING

If your furnace is not operating correctly, the draft inducer motor may be a contributing factor. Always consult a qualified HVAC technician for diagnosis and repair.

Problem	Possible Cause	Action (Consult Technician)
Motor does not start	No power, faulty wiring, control board issue, seized motor, faulty pressure switch.	Check power supply, inspect wiring, test control board, inspect motor for obstruction, test pressure switch.
Motor runs but burners do not ignite	Faulty pressure switch, blocked vent, igniter issue, gas supply problem.	Check vent for obstructions, test pressure switch, inspect igniter, verify gas supply.
Unusual noises (grinding, squealing)	Worn bearings, debris in blower wheel, motor nearing end of life.	Inspect blower wheel, evaluate motor bearings, consider motor replacement.
Motor runs continuously	Faulty control board, stuck relay, pressure switch issue.	Test control board, inspect relays, test pressure switch.

Note: These are general troubleshooting steps. Always refer to your furnace's specific service manual and consult a certified technician.

SPECIFICATIONS

- **Model:** Fasco 7062-5165
- **Type:** Furnace Draft Inducer / Exhaust Vent Venter Motor
- **Brand:** Fasco
- **Replacement For:** Comfort Maker # 7062-5165
- **Item Weight:** Approximately 160 Ounces (10 lbs)
- **ASIN:** B00FFBQTZO
- **Manufacturer:** Fasco

- **Description:** Brand New Upgraded Furnace Inducer Motor, expels exhaust from the furnace.

WARRANTY AND SUPPORT

Specific warranty information for the Fasco 7062-5165 motor is typically provided by the seller or manufacturer at the time of purchase. Please retain your purchase receipt for warranty claims.

For technical support, installation assistance, or warranty inquiries, please contact the authorized Fasco dealer or the point of purchase. It is recommended to have the model number (7062-5165) and your purchase details readily available.

Note: This product is often sold as a replacement part. Warranty terms may vary depending on the seller and installation circumstances.

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