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› Hiorucet Electric Fireplace Blower Motor Instruction Manual for Twin Star Models 23EF010GAA, 23EF022GRA, TS-001, 28E05

Hiorucet 23EF010GAA, 23EF022GRA, TS-001, 28E05

Hiorucet Electric Fireplace Blower Motor Instruction Manual

Models: 23EF010GAA, 23EF022GRA, TS-001, 28E05

1. PRODUCT OVERVIEW

The Hiorucet Electric Fireplace Blower Motor is designed to enhance heat distribution from your electric fireplace or stove. This unit is compatible with various Twin Star electric fireplace models, including 23EF010GAA, 23EF022GRA, TS-001, 28E05, 28E05R, and 10QI071ARA, as well as Heat Surge, Real Flame, and other wood/gas burning stoves.

The assembly includes a blower unit and a heating coil, providing a powerful heating element to maintain comfortable temperatures. Its design facilitates easy installation and quiet operation.

► **Works for Twin Star Electric Fireplace, Heat Surge, Real Flame and Other Wood / Gas Burning Stove or Fireplace.**

► **For Twin Star Electric Fireplace**

23EF010GAA, 23EF022GRA, TS-001, 28E05, 28E05R, 10QI071ARA.



Image 1.1: The Hiorucet Electric Fireplace Blower Motor assembly, showing the blower fan and heating element.

With Blower Fan Turned On

Heat warms the area in front of the fireplace while the fan pushes convective heat further into the room, warming the entire room.



Without Fan

Heat warms the area immediately in front of the fireplace before warm air rises to the ceiling.



Image 1.2: Illustration demonstrating improved heat distribution when the blower fan is turned on, compared to heat rising directly to the ceiling without a fan.

2. SPECIFICATIONS

Refer to the table below for detailed product specifications:

Feature	Detail
Brand	Hiorucet
Model Name	Twin Star Electric Fireplace
Voltage	120V
Wattage	1350W
Temperature Switch Size	105C / 221F

Feature	Detail
Blower Size (L x W x H)	9.75" x 3.73" x 3.23"
Heater Element Size (L x W)	7.87" x 1.38"
Material	Metal (Aluminum + Galvanized Steel Frame, Pure Copper Motor)
Noise Level	45 Decibels
Power Source	Electric (Standard Household Plug)
Special Features	Blower, Thermal Fuse Safety Device, Silicone Bearing Bracket



Twinstar Electric Fireplace Heater

120 V

1350 W

Temp Switch: 105C / 221F

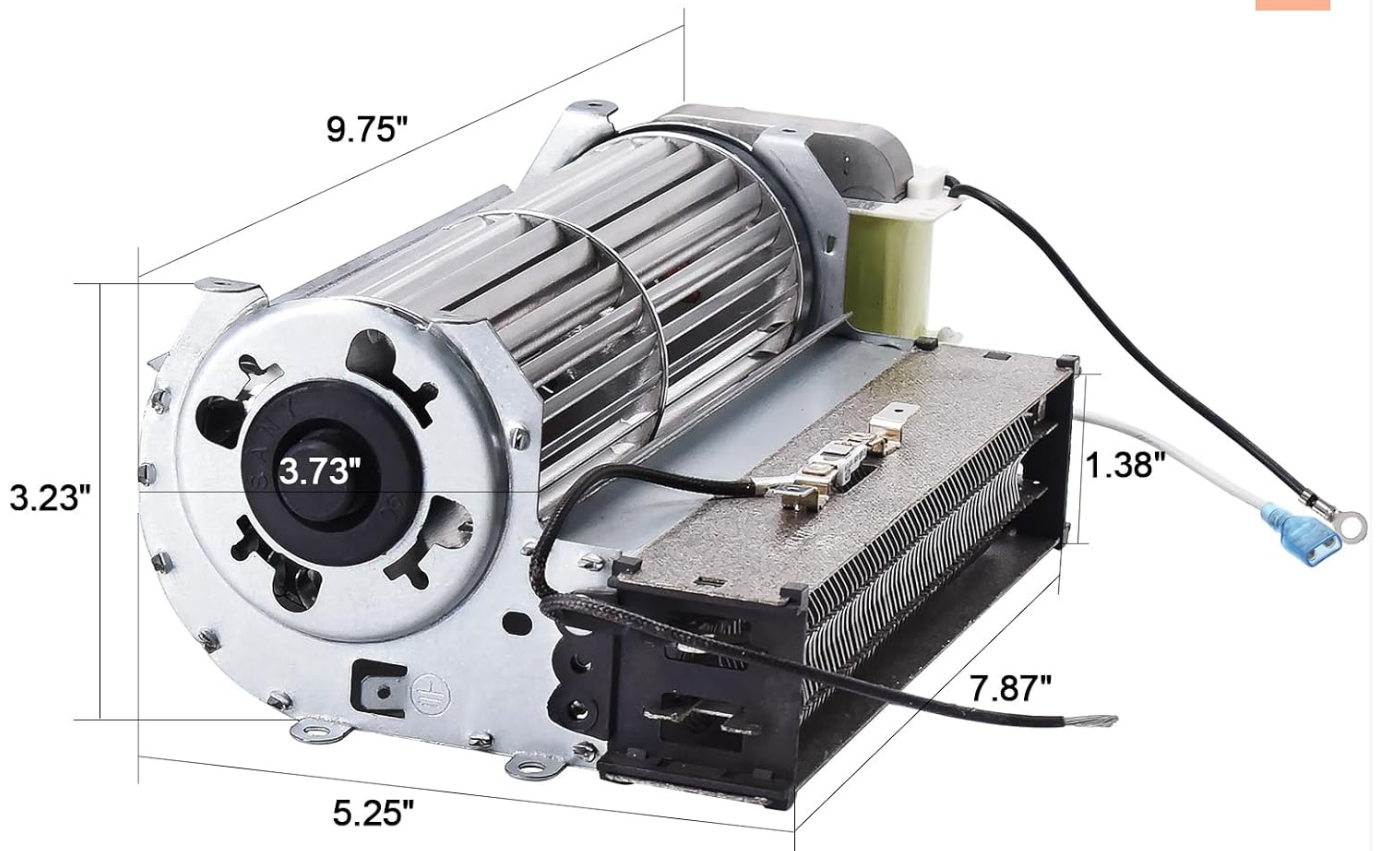


Image 2.1: Detailed dimensions of the Hiorucet Electric Fireplace Blower Motor.

Exceed OEM Standards



- **Solid Pure Copper Motor**

Service life of copper motors is up to 60% longer than that of aluminum motors.

- **Aluminum + Galvanized Steel**

Sturdy industrial grade aluminum + galvanized steel blower wheel, making it super sturdy and durable.

Image 2.2: Close-up view of the internal components, highlighting the pure copper motor and the aluminum/galvanized steel frame.

3. SETUP AND INSTALLATION

This blower motor is designed for straightforward installation. Before beginning, ensure the fireplace or stove unit is completely powered off and disconnected from any electrical source.

1. **Measure Space:** Verify that the dimensions of the blower motor (9.75"L x 3.73"W x 3.23"H) fit within the designated space in your fireplace or stove unit.
2. **Placement:** Position the blower unit where the original fan would typically be located, ensuring proper airflow towards the heating element.
3. **Wiring:** Connect the blower motor to the fireplace's electrical system. This may involve wiring directly into the unit or adding a power cord if not already present. Ensure all connections are secure and comply with local electrical codes.
4. **Secure Unit:** Fasten the blower motor securely within the fireplace or stove using appropriate mounting hardware.

Note: If you are unsure about the electrical connections, consult a qualified electrician.

Simply Wire In or Add a Power Cord and You Are All Set.

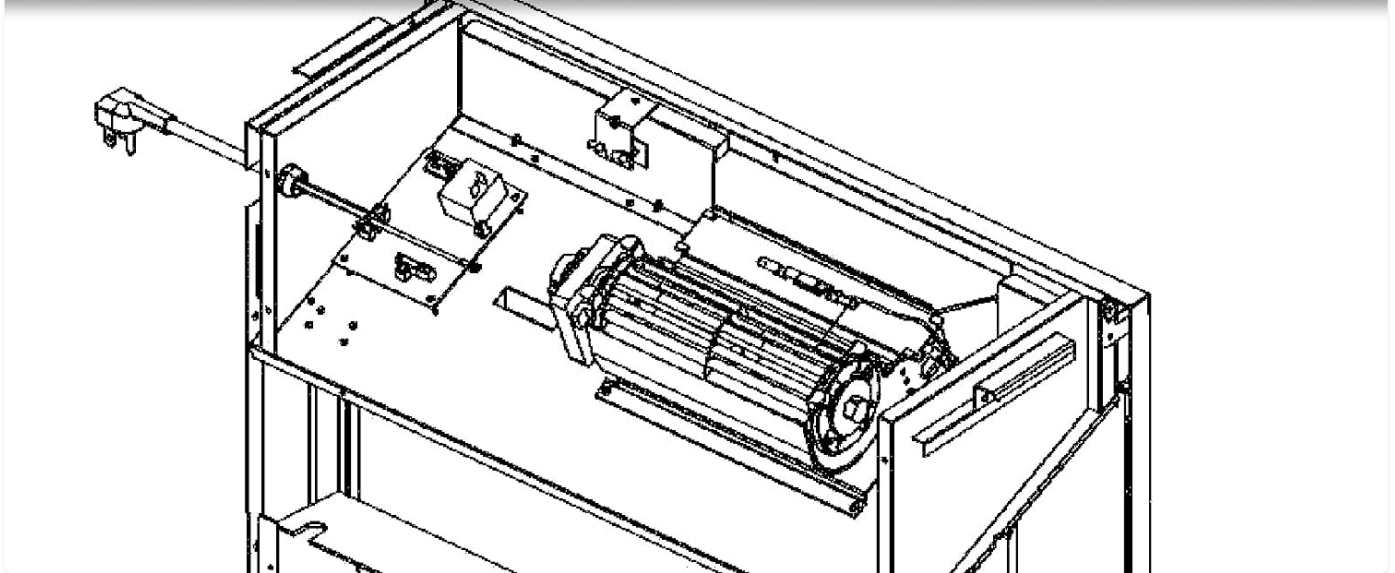
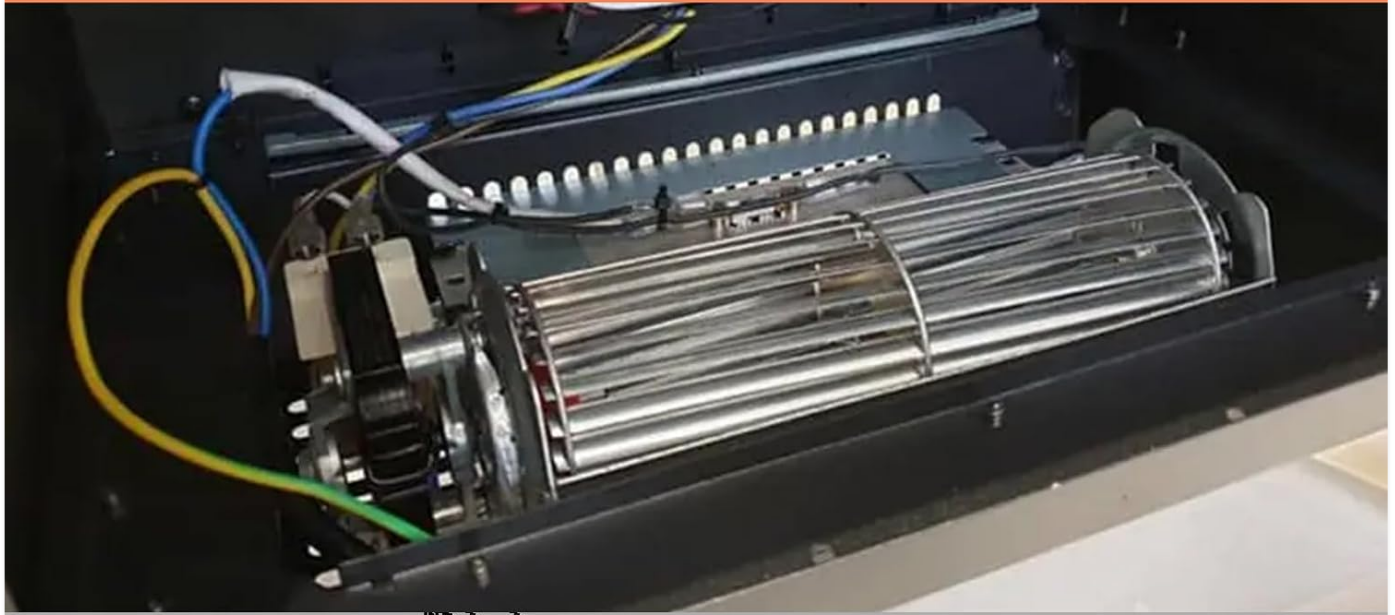


Image 3.1: Example of the blower motor being wired into a fireplace unit.

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Video 3.1: An instructional video demonstrating the installation and function of the Twin Star Electric Fireplace Blower.

4. OPERATING INSTRUCTIONS

Once installed, the Hiorucet Electric Fireplace Blower Motor operates to distribute heat efficiently. The unit is designed for quiet operation, with a noise level of approximately 45 decibels.

1. **Power On:** After installation, reconnect the fireplace or stove unit to the power supply.
2. **Activate Fireplace/Stove:** Turn on your electric fireplace or stove as per its manufacturer's instructions. The blower motor will activate to circulate the warm air.
3. **Heat Distribution:** The blower fan pushes the heat generated by the heating element away from the fireplace and into the room, ensuring more even and rapid heating of the space.



Quiet Operation



Image 4.1: The blower motor is designed for quiet operation, minimizing noise disturbance.

Safety Feature: The unit includes a thermal fuse (105C / 221F) to safeguard against overheating. If temperatures reach unsafe levels, the system will automatically shut down to prevent damage.

Safety Device

Employ Thermal Fuse to safeguard against the hazards of overheating, ensuring that the system shuts down if temperatures reach unsafe levels.

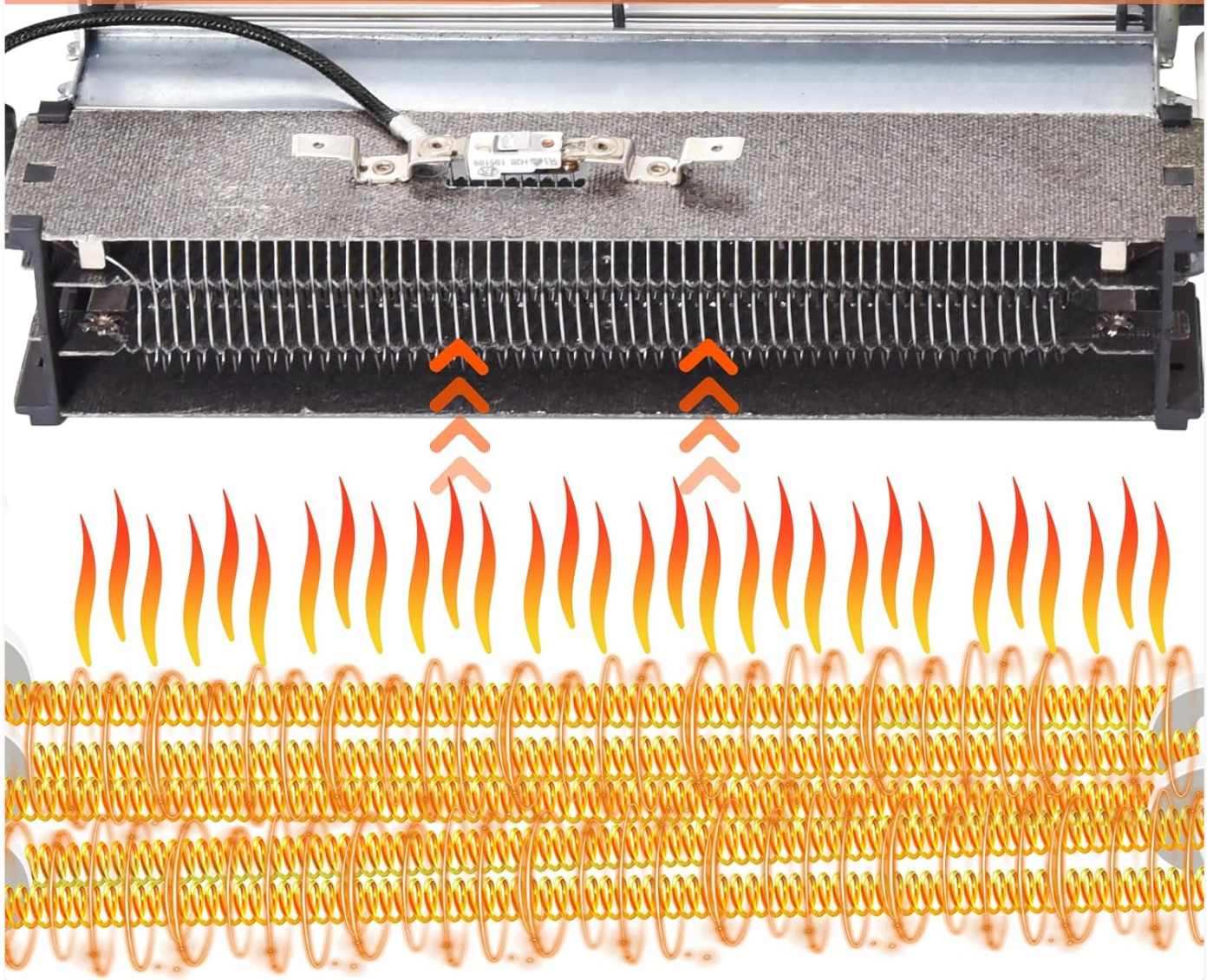


Image 4.2: Close-up of the thermal fuse, an important safety device that prevents overheating.

5. MAINTENANCE

To ensure optimal performance and longevity of your Hiorucet Electric Fireplace Blower Motor, follow these general maintenance guidelines:

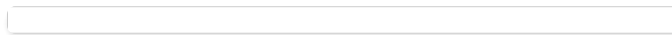
- **Regular Cleaning:** Periodically inspect the blower fan and heating element for dust and debris accumulation. Gently clean with a soft brush or vacuum cleaner to maintain efficient airflow and prevent overheating. Ensure the unit is disconnected from power before cleaning.
- **Check Connections:** Annually, inspect all electrical connections to ensure they remain tight and free from corrosion.
- **Avoid Obstructions:** Ensure that the air intake and exhaust vents of your fireplace or stove are not obstructed, allowing for proper air circulation.

6. TROUBLESHOOTING

If you encounter issues with your blower motor, consider the following troubleshooting steps:

- **No Power:** Check if the fireplace or stove is properly plugged in and if the circuit breaker has tripped. Ensure all internal wiring connections are secure.
- **Blower Not Running:** If the fireplace is on but the blower is not running, check the thermal fuse. If it has tripped due to overheating, it may need to cool down or be reset (if applicable). Ensure there are no obstructions preventing the fan from spinning.
- **Reduced Airflow:** Clean the fan blades and heating element to remove any dust or debris that might be impeding airflow.
- **Unusual Noise:** While the unit is designed for quiet operation, excessive or unusual noise might indicate a loose component or debris in the fan. Disconnect power and inspect the fan for any foreign objects. The silicone bearing bracket is designed to reduce noise and vibration.

If problems persist after attempting these steps, contact customer support.



Video 6.1: This video highlights the quiet operation of the blower motor, a key feature for comfortable use.

7. WARRANTY AND SUPPORT

The Hiorucet Electric Fireplace Blower Motor comes with a **365-day return and exchange policy**. For any questions, technical assistance, or warranty claims, please refer to the seller's contact information or visit the official Hiorucet store on Amazon:

[Visit the Hiorucet Store](#)

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