BlueStars 279973

BlueStars 279973 Dryer Thermal Cut-Off Fuse Kit User Manual

Model: 279973 | Brand: BlueStars

1. Introduction

This manual provides essential information for the installation, operation, and maintenance of the BlueStars 279973 Dryer Thermal Cut-Off Fuse Kit. This kit is designed to protect your electric dryer from overheating by acting as a safety mechanism. It includes a high-limit thermostat and a thermal fuse, which are critical components for regulating dryer temperature and preventing potential hazards.

2. Product Overview

The 279973 Dryer Thermal Cut-Off Fuse Kit consists of two primary components:

- **High Limit Thermostat:** Monitors the temperature inside the dryer and signals the heating element to turn off if the temperature exceeds a safe limit.
- **Thermal Fuse:** A one-time safety device that trips and permanently breaks the circuit if the dryer's temperature reaches an unsafe level, typically higher than the thermostat's trip point. This prevents fire hazards.



Image: Components of the BlueStars 279973 Dryer Thermal Cut-Off Fuse Kit, including the high limit thermostat and thermal fuse.

3. Compatibility

This kit is compatible with specific electric dryer models from various top brands, including Whirlpool, Kenmore, Maytag, KitchenAid, and Amana. Always verify compatibility by checking your appliance's model number against the replacement part numbers listed below or consulting your dryer's service manual.

Replaces Part Numbers: 279973, 279973VP, 3391913, 3404151, 3404152, 3977395, 8318314, 897710, AH334387, AP3094323, EA334387, EAP334387, PD00002626, PS334387.



Image: Illustration highlighting the wide compatibility of the thermal cut-off fuse kit with various dryer brands.

4. Symptoms Addressed

The 279973 Thermal Cut-Off Fuse Kit is designed to resolve common electric dryer issues related to overheating and operational failures. Symptoms that may indicate a need for this part include:

- No heat or insufficient heat
- Dryer runs too hot
- Dryer takes too long to dry clothes
- Dryer won't start
- The timer does not advance
- Dryer shuts off too soon
- Dryer won't shut off
- Dryer will not tumble



Image: Visual representation of common dryer symptoms that the thermal cut-off fuse kit can help resolve.

5. Quality and Features

The BlueStars 279973 Thermal Cut-Off Fuse Kit is manufactured from high-grade materials to meet OEM standards, ensuring durability and reliable performance. The dual-component design provides comprehensive thermal protection for your electric dryer, responding effectively to overheating conditions.



Image: Close-up of the thermal cut-off fuse, illustrating its design and function in protecting the dryer.



Image: Detail showing the high-grade materials used in the manufacturing of the thermal cut-off fuse kit.

6. Installation Guidance

Safety Warning: Always disconnect your dryer from the power supply before attempting any repairs or installations to prevent electric shock or injury.

Replacing a thermal cut-off fuse kit typically involves accessing the heating element housing at the rear of the dryer. While specific steps vary by dryer model, general guidance includes:

1. Disconnect the dryer from its power source.
2. Access the rear panel of the dryer.
3. Locate the heating element housing and the existing thermal fuse and high-limit thermostat.
4. Carefully disconnect the wires and remove the old components.
5. Install the new BlueStars 279973 thermal cut-off fuse and high-limit thermostat, ensuring all connections are secure.
6. Reassemble the dryer and reconnect power.

It is recommended to consult a professional technician or a model-specific repair video if you are unsure about any step of

the installation process.

7. Maintenance

To prevent premature failure of thermal components and ensure efficient dryer operation, regular maintenance is crucial:

- **Clean the Lint Trap:** Clean the lint trap before or after every load to maintain proper airflow.
- **Inspect the Dryer Vent:** Periodically check the dryer vent hose and external vent for lint buildup or obstructions. A clogged vent can restrict airflow, causing the dryer to overheat and potentially trip the thermal fuse.
- **Avoid Overloading:** Overloading the dryer can hinder proper airflow and lead to longer drying times and increased heat, stressing components.

8. Troubleshooting

If your dryer exhibits any of the symptoms listed in Section 4, the thermal cut-off fuse kit may be the cause. However, other components can also contribute to these issues. Consider the following:

- If the dryer is not starting, check the door switch and drive belt in addition to the thermal fuse.
- If there is no heat, inspect the heating element and cycling thermostat.
- Ensure proper ventilation to prevent overheating, which is a common cause for thermal fuse trips.

For visual guidance on common dryer issues and repairs, refer to the following instructional videos:

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Video: "Your Dryer Will Not Start?" - This video provides troubleshooting steps and potential solutions if your dryer is not starting.

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Video: "Your Dryer Has Heating Problem?" - This video offers guidance on diagnosing and fixing heating issues in your dryer.

9. Specifications

Specification	Detail
Manufacturer	BlueStars
Part Number	279973
Item Weight	1.27 ounces
Product Dimensions	3 x 2.9 x 0.7 inches
Item Model Number	279973 3391913 8318314 AP3094323

10. Warranty and Support

The BlueStars 279973 Dryer Thermal Cut-Off Fuse Kit comes with a**100% Lifetime Protection**, ensuring reliable performance and coverage for any defects or issues that may arise. For any questions or assistance, please contact BlueStars customer service.
Additional resources and general DIY repair information can be found in the following videos:

Your browser does not support the video tag.

Video: "Why Call the Repair Guy?" - General encouragement for DIY appliance repair.

Your browser does not support the video tag.

Video: "#1 Place for DIY Repairs" - Highlights the benefits of DIY repairs with BlueStars products.

Your browser does not support the video tag.

Video: "How to Save Your Money?" - Discusses the cost-saving benefits of repairing appliances yourself.

Your browser does not support the video tag.

Video: "279973 Dryer Thermal Cut-Off Fuse" - A focused video on the specific product and its function.

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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Email

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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