

Frigidaire 3204267

Frigidaire 3204267 Dryer Safety Thermostat Instruction Manual

Genuine Replacement Part for Dryers

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1. PRODUCT OVERVIEW

The Frigidaire 3204267 Safety Thermostat is a genuine replacement part designed to ensure the safe operation of your dryer. This component plays a critical role in preventing overheating by monitoring the internal temperature of the dryer. If the temperature exceeds a safe limit, the thermostat will interrupt the heating cycle, protecting the appliance and your laundry from potential damage.

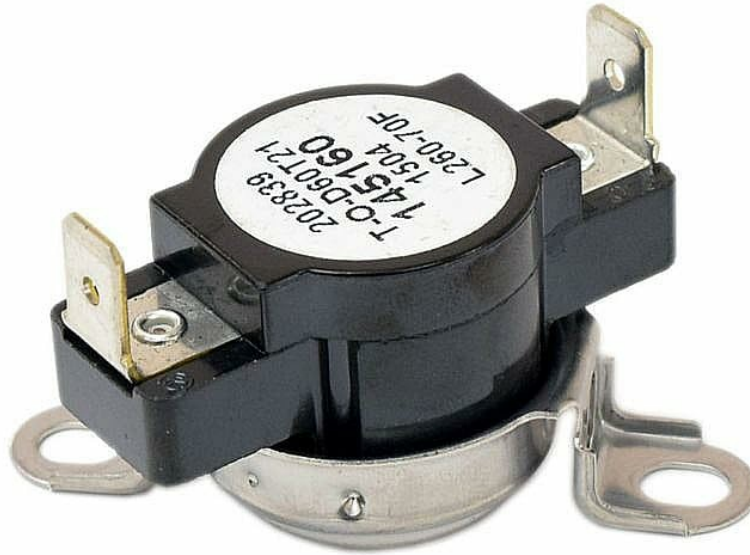


Figure 1: The Frigidaire 3204267 Safety Thermostat, a crucial component for dryer safety.

2. SAFETY INFORMATION

WARNING: Always disconnect power to the dryer before attempting any repairs or maintenance. Failure to do so can result in serious injury or electrical shock. If you are unsure about any step, it is recommended to consult a qualified appliance technician.

This safety thermostat is a critical component. Do not attempt to bypass or modify it for permanent operation. Bypassing safety devices can lead to fire hazards and severe damage to your appliance.

3. COMPATIBILITY

This Frigidaire 3204267 Safety Thermostat is compatible with various dryer models from Frigidaire, Kenmore, and Electrolux. Please verify your dryer's model number against the following list or consult your appliance's service manual to ensure proper fit:

- Frigidaire 30-2758-00-03
- Frigidaire 30-2758-00-04
- Frigidaire 30-2758-23-03
- Frigidaire 30-2758-23-04

- Frigidaire 30-2758-66-03
- And other compatible models from FRIGIDAIRE, KENMORE, ELECTROLUX.

4. INSTALLATION

Replacing the safety thermostat requires careful attention to detail. Follow these general steps, and refer to the provided video for visual guidance:

1. **Disconnect Power:** Unplug the dryer from the electrical outlet.
2. **Access Rear Panel:** Move the dryer away from the wall and remove the screws securing the rear access panel. Carefully remove the panel.
3. **Locate Thermostat:** Identify the existing safety thermostat, typically located near the heating element or blower housing. It is often a small, disc-shaped component with two wire terminals.
4. **Disconnect Wires:** Carefully disconnect the wires from the old thermostat. Note their positions for correct reattachment.
5. **Remove Old Thermostat:** Unscrew or unclip the old thermostat from its mounting bracket.
6. **Install New Thermostat:** Secure the new Frigidaire 3204267 Safety Thermostat in place using the original screws or clips.
7. **Reconnect Wires:** Attach the wires to the new thermostat's terminals, ensuring a secure connection.
8. **Reassemble:** Replace the rear access panel and secure it with screws. Push the dryer back into its position.
9. **Restore Power:** Plug the dryer back into the electrical outlet.



Figure 2: A close-up view of the thermostat, showing its terminals for wire connections.

Installation Video Guide:

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Video 1: This video demonstrates the replacement process for a dryer thermal limiter and thermostat, which is applicable to the Frigidaire 3204267 model. It covers common issues like the dryer not starting, not heating, or taking too long to dry.

5. OPERATING PRINCIPLES

The Frigidaire 3204267 Safety Thermostat operates as an automatic temperature control device. It is designed to open an electrical circuit when the temperature inside the dryer reaches a predetermined unsafe level, thereby cutting off power to the heating element. This prevents the dryer from overheating, which could damage clothes or pose a fire risk. Once the temperature drops to a safe level, the thermostat will reset, allowing the heating element to resume operation.

6. TROUBLESHOOTING

If your dryer is experiencing issues related to heating or starting, the safety thermostat might be a contributing factor. Here are common symptoms of a faulty thermostat:

- Dryer will not start.
- Dryer produces no heat or insufficient heat.
- Clothes take too long to dry.
- Dryer overheats or shuts off prematurely.

Before replacing the thermostat, it is advisable to perform diagnostic checks. A multimeter can be used to test for continuity across the thermostat terminals. A reading of infinity (open circuit) indicates a faulty thermostat that needs replacement.



Figure 3: Side view of the thermostat, showing its compact design and mounting points.

7. MAINTENANCE

To prolong the life of your dryer and its components, including the safety thermostat, regular maintenance is recommended:

- **Clean Lint Trap:** Clean the lint trap before or after every load to ensure proper airflow and prevent lint buildup, which can cause overheating.
- **Inspect Venting:** Periodically check the dryer's exhaust vent for blockages. A clogged vent restricts airflow, leading to higher operating temperatures and potential thermostat failure.
- **Professional Inspection:** Consider a professional inspection of your dryer every few years to identify and address potential issues before they lead to component failure.

8. SPECIFICATIONS

Feature	Detail
Brand	Frigidaire
Model Name	3204267
Part Number	3204267
Item Weight	0.81 ounces
Product Dimensions	1 x 4 x 5 inches
Compatible Devices	FRIGIDAIRE, KENMORE, ELECTROLUX Dryers
Control Type	Temperature Control
Temperature Control Type	Automatic

9. WARRANTY AND SUPPORT

Specific warranty information for this replacement part may vary. Please refer to the original product packaging or contact Frigidaire customer support for details regarding warranty coverage. For technical assistance or further inquiries, please contact Frigidaire customer service or the retailer from whom the part was purchased. Always provide your dryer's model and serial number when seeking support.