

Supco DE7747

Supco DE7747 Dryer Heating Element Instruction Manual

Model: DE7747

1. INTRODUCTION

This manual provides essential information for the safe and effective installation, operation, and maintenance of the Supco DE7747 Dryer Heating Element. The DE7747 is a premium quality replacement part designed to meet or exceed original equipment manufacturer (OEM) specifications. It is a direct replacement for part numbers 3387747, WP3387747, AP6008281, 80003, and PS11741416.

2. SAFETY INFORMATION

WARNING: Before attempting any installation or repair, ensure the dryer is completely disconnected from its power source. Failure to do so can result in electric shock, fire, or serious personal injury. Appliance repairs should only be performed by qualified individuals. Always wear appropriate personal protective equipment, such as gloves and eye protection.

- Disconnect power to the dryer before servicing.
- Refer to your dryer's specific service manual for detailed disassembly and reassembly instructions.
- Ensure all electrical connections are secure and correctly reattached.
- Do not operate the dryer if any parts are damaged or missing.

3. PRODUCT OVERVIEW

The Supco DE7747 is a dryer heating element, a critical component responsible for generating the heat required to dry clothes. It consists of a coiled resistance wire housed within a metal casing. When electrical current passes through the coil, it heats up, and a blower fan circulates this heated air through the dryer drum.



Figure 1: Supco DE7747 Dryer Heating Element. This image shows the complete heating element assembly, including the coiled resistance wire and its mounting bracket.

4. INSTALLATION

Installation of the DE7747 heating element typically involves accessing the heating element housing within the dryer. The exact procedure varies by dryer model. Always consult your dryer's specific service manual for detailed, model-specific instructions.

General Installation Steps:

1. **Disconnect Power:** Unplug the dryer from the wall outlet or turn off the circuit breaker supplying power to the dryer.
2. **Access Heating Element:** Depending on your dryer model, this may involve removing the back panel, front panel, or top panel.
3. **Disconnect Wires:** Carefully disconnect the electrical wires from the old heating element. Note their positions for correct reattachment.
4. **Remove Old Element:** Unmount and remove the faulty heating element assembly.
5. **Install New Element:** Position the Supco DE7747 heating element in the housing and secure it with the appropriate

fasteners.

- 6. **Reconnect Wires:** Reattach the electrical wires to the new heating element, ensuring all connections are tight and correct.
- 7. **Reassemble Dryer:** Reattach any panels removed during the process.
- 8. **Test Operation:** Restore power to the dryer and run a short cycle to confirm proper heating and operation. Monitor for any unusual smells or sounds.

5. OPERATING

The Supco DE7747 heating element operates automatically as part of your dryer's normal drying cycles. Once installed, no direct user interaction with the element itself is required. The dryer's control panel will manage the heating element's activation and temperature based on the selected drying settings.

6. MAINTENANCE

To ensure the longevity and efficient operation of your dryer and its heating element, regular maintenance is recommended:

- **Clean Lint Filter:** Clean the lint filter before or after every load to maintain proper airflow and prevent overheating.
- **Inspect Dryer Vent:** Periodically inspect and clean the dryer's exhaust vent system to remove lint buildup. Restricted airflow can cause the heating element to overheat and fail prematurely.
- **Check for Obstructions:** Ensure no foreign objects are obstructing the dryer's internal airflow paths.

7. TROUBLESHOOTING

If your dryer is experiencing heating issues after replacing the element, consider the following:

- **No Heat:** If the dryer runs but produces no heat, verify that the heating element is correctly wired and that the thermal cut-off fuse and thermostat are functioning correctly. These safety devices can fail independently of the heating element.
- **Insufficient Heat:** Check for proper airflow through the dryer vent system. A clogged vent can cause the dryer to heat inefficiently or cycle off prematurely.
- **Tripping Breaker:** If the circuit breaker trips when the dryer heats, there might be a short circuit in the wiring or the heating element itself. Re-inspect all connections.

If troubleshooting steps do not resolve the issue, it is recommended to consult a qualified appliance repair technician.

8. SPECIFICATIONS

Brand	Supco
Model Name	DE7747
Item Type	Dryer Heater Element
Replaces Part Numbers	3387747, WP3387747, AP6008281, 80003, PS11741416
Item Weight	0.83 Pounds
Unit Count	1.0 Count

9. WARRANTY AND SUPPORT

The Supco DE7747 Dryer Heating Element comes with a 1-year warranty. For warranty claims, technical support, or further assistance, please contact Supco customer service. Keep your purchase receipt as proof of purchase.

For more information, you may visit the official Supco website or contact their support channels directly.

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

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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