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› SupHomie Dryer Heating Element Instruction Manual for Whirlpool Dryers

SupHomie WED75HEFW1, WED7500GW0, WED7500GC0

SupHomie Dryer Heating Element Instruction Manual

Compatible with various Whirlpool Dryer Models

INTRODUCTION

This manual provides essential information for the installation, operation, maintenance, and troubleshooting of your new SupHomie Dryer Heating Element. This component is designed to restore proper heating function to compatible Whirlpool dryers.

The SupHomie Dryer Heating Element, Part Number 3387747 (also replaces WP3387747, 80003, AP2947033, 525502, AH344597, EA344597, PS344597), is rated at 5400 Watts and 240 Volts, featuring 2-5/16 inch terminals. It is constructed with quality nickel wire to meet OEM standards and ensure effective performance.

This heating element is intended to resolve common dryer issues such as:

- Dryer takes too long to dry
- Dryer shuts off too soon
- Dryer will not start (if heat-related)
- Dryer is too hot
- No heat or not enough heat
- Timer will not advance (if heat-related)

INSTALLATION INSTRUCTIONS

WARNING: Before beginning any repair, ensure the dryer is completely disconnected from its power source to prevent electrical shock. If you are unsure about any step, consult a qualified appliance technician.

1. **Disconnect Power:** Unplug the dryer from the wall outlet or turn off the circuit breaker supplying power to the dryer.
2. **Access the Heating Element:** Depending on your dryer model, you may need to remove the back panel, front panel, or top panel to access the heating element housing. Refer to your specific dryer's service manual for precise access instructions.
3. **Locate and Disconnect:** Identify the old heating element assembly. Carefully disconnect the electrical wires attached to the element terminals. Note their positions for reassembly.
4. **Remove Old Element:** Unscrew any mounting screws or clips securing the heating element housing. Carefully remove the old heating element assembly from the dryer.

5. **Install New Element:** Position the new SupHomie heating element assembly into the dryer, ensuring it fits correctly into its designated slot. Secure it with the mounting screws or clips previously removed.
6. **Reconnect Wiring:** Reattach the electrical wires to the terminals of the new heating element. Ensure connections are secure and match the original configuration.
7. **Reassemble Dryer:** Replace any panels or components that were removed to access the heating element. Ensure all screws are tightened and panels are securely in place.
8. **Test Operation:** Plug the dryer back into the wall outlet or restore power at the circuit breaker. Run a short cycle with no load to confirm the dryer heats properly. A slight burning smell may occur during the first use as manufacturing residues burn off; this is normal.

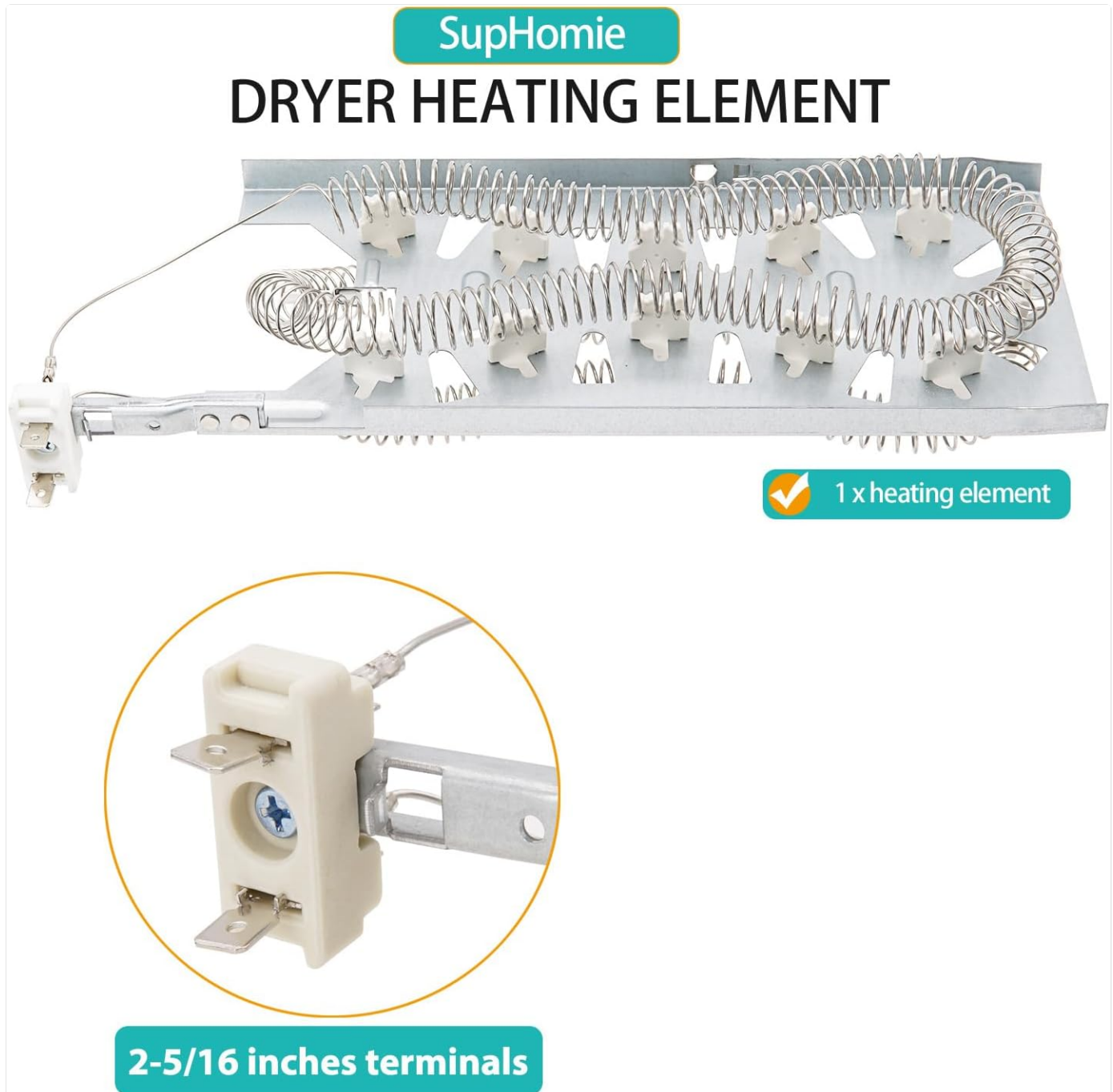
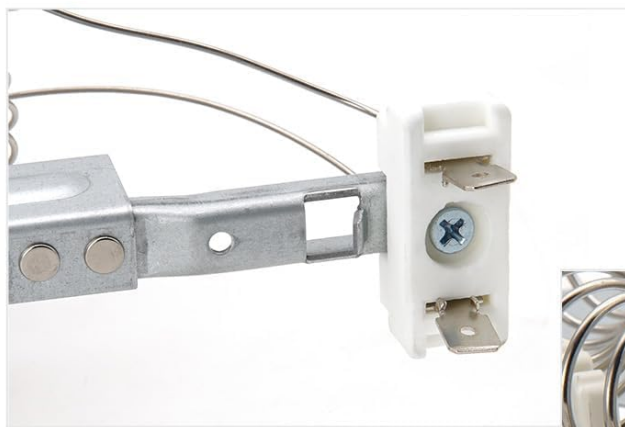


Figure 1: SupHomie Dryer Heating Element with 2-5/16 inch terminals.



**RATED AT 5400 WATTS
240 VOLTS**

**NICKEL-CHROMIUM
CONTENT OF 80%**

PRODUCT SHOW

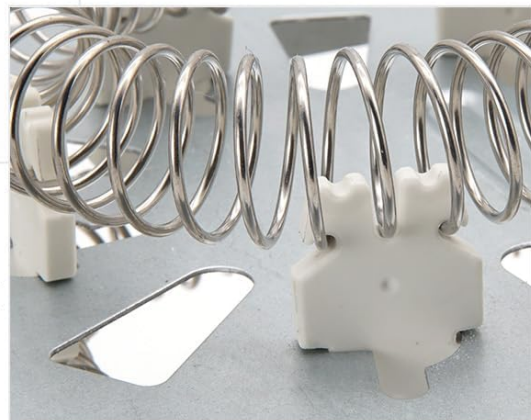


Figure 2: Detailed view of the heating element, highlighting its 5400 Watts, 240 Volts rating, and nickel-chromium composition.

OPERATING PRINCIPLE

The heating element is a critical component within your electric dryer responsible for generating the heat required to dry clothes. When the dryer is activated and a heated cycle is selected, electrical current flows through the element's resistive coils. This resistance causes the coils to heat up, and a blower fan then circulates this hot air through the dryer drum and over the wet laundry, facilitating moisture evaporation.

The dryer's thermostat and control board regulate the heating element's operation, turning it on and off as needed to maintain the selected temperature and prevent overheating.

MAINTENANCE

While the heating element itself requires no direct user maintenance, its longevity and the overall efficiency of your dryer are significantly impacted by proper dryer care:

- **Clean Lint Filter:** Always clean the lint filter before or after every load. A clogged lint filter restricts airflow, causing the

dryer to work harder and potentially overheat, which can stress the heating element.

- **Inspect Dryer Vent:** Periodically inspect and clean the dryer's exhaust vent system (from the dryer to the outside vent cap). Blockages in the vent system can lead to poor drying performance, increased drying times, and overheating, all of which can reduce the lifespan of the heating element and other dryer components.
- **Professional Inspection:** Consider having your dryer professionally inspected every few years to ensure all components, including the heating element and safety thermostats, are functioning correctly.

TROUBLESHOOTING

This SupHomie Dryer Heating Element is designed to address specific issues related to your dryer's heating function. If you experience any of the following symptoms after installation, or if these were the original problems you aimed to fix, verify proper installation and consider other potential causes:

- **No Heat or Insufficient Heat:** The primary function of this part is to generate heat. If there is no heat, or the dryer is not getting hot enough, the heating element was likely the faulty component. Ensure all electrical connections are secure.
- **Dryer Takes Too Long to Dry:** This often indicates a weak or partially failing heating element, or restricted airflow.
- **Dryer Shuts Off Too Soon:** This can be caused by overheating, which might be due to a faulty heating element, a clogged vent, or a malfunctioning thermostat.
- **Dryer Will Not Start:** While less common, a shorted heating element can sometimes prevent the dryer from starting.
- **Dryer is Too Hot:** If the dryer overheats, it could indicate a continuously active heating element due to a control board or thermostat failure, or a severely restricted vent.
- **Timer Will Not Advance:** In some dryers, the timer's advancement is linked to temperature. If the dryer isn't heating, the timer may not advance properly.

If these issues persist after replacing the heating element, further diagnosis of other dryer components (e.g., thermostats, thermal fuses, control board, motor) may be necessary.

Dryer Heating Element Compatible with Whirlpool



- Fix Common Problems**
- Drying machine will not start.
 - Drying machine will not shut off.
 - Drying machine will not tumble.
 - Drying machine shuts off too soon.

1

Meets
OEM standards

2

High quality
material

3

Easy to
install

Figure 3: SupHomie Dryer Heating Element compatible with Whirlpool, designed to fix common dryer issues and meet OEM standards.

SPECIFICATIONS

Feature	Detail
Part Number	3387747 (Replaces WP3387747, 80003, AP2947033, 525502, AH344597, EA344597, PS344597)
Power Rating	5400 Watts
Voltage	240 Volts
Terminal Size	2-5/16 inches
Material	Quality Nickel Wire

Approximate Dimensions (L x W x H)	13 x 6 x 2 inches
Item Weight	1 pound
Compatible Models (Partial List)	WED75HEFW1, WED7500GW0, WED7500GC0, WED8127LC1, WED8127LW1, WED8300SE2, WED8300SW2, WED8500DC4, WED8500DW4, WED85HEFW1, WED85HEFC1. For a comprehensive list, please refer to the product listing.

Product size

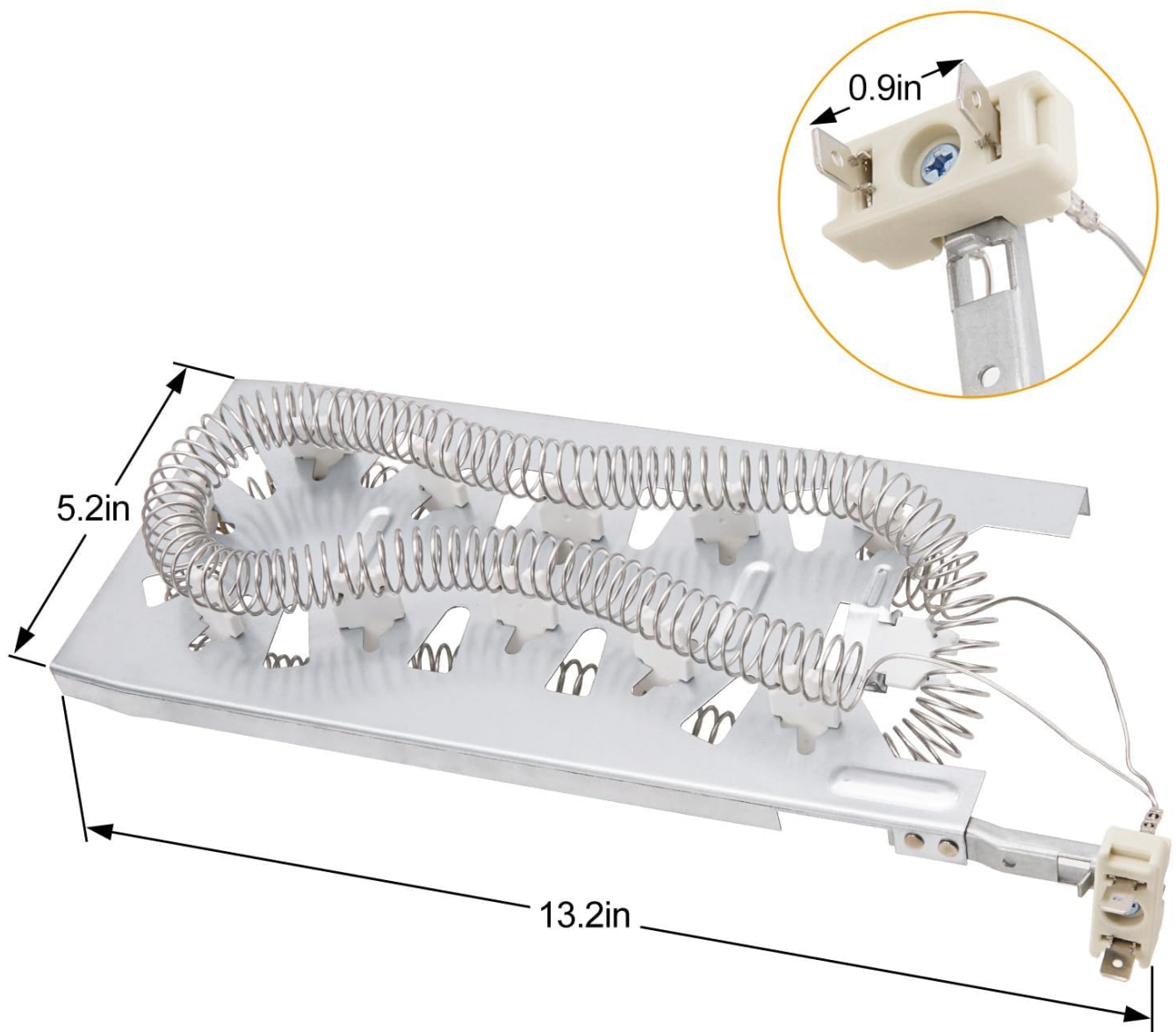


Figure 4: Dimensions of the SupHomie Dryer Heating Element.

Replaces Models

WED5100HC0	WED5100HC1	WED5100HC2	WED5100HC3	WED5100HW0
WED5100HW1	WED5100HW2	WED5100HW3	WED5500BW0	WED5500XL0
WED5500XW0	WED5500XW1	WED5550XW0	WED5600XW0	WED5600XW1
WED5605MC0	WED5605MW0	WED560LHW0	WED560LHW1	WED560LHW2
WED5610XW0	WED5610XW1	WED5620HW0	WED5620HW1	WED5620HW2
WED5700AC0	WED5700AC1	WED5700XL0	WED5700XW0	WED5800BC0
WED5800BW0	WED5810BW0	WED6120HC0	WED6120HC1	WED6120HC2
WED6120HC3	WED6120HW0	WED6120HW1	WED6120HW2	WED6120HW3
WED6605MC0	WED6605MW0	WED6620HC0	WED6620HC1	WED6620HC2
WED6620HW0	WED6620HW1	WED6620HW2	WED7120HC0	WED7120HC1
WED7120HC2	WED7120HC3	WED7120HW0	WED7120HW1	WED7120HW2
WED7120HW3	WED7500GW0	WED7500GC0	WED7540FW1	WED7590FW1
WED75HEFW1	WED8120HC0	WED8120HW0	WED8127LC0	WED8127LC1
WED8127LW0	WED8127LW1	WED8300SB2	WED8300SE2	WED8300SW2
WED8410SW2	WED8540FW1	WED8540FW2	WED85HEFC1	WED85HEFW2
WED8500DC4	WED8500DR4	WED8500DW4	WED85HEFW1	WED85HEFC2
WED8620HC0	WED8620HC1	WED8620HC2	WED8620HW0	WED8620HW1
WED8620HW2	WED9050XW0	WED90HEFC1	WED90HEFC2	WED90HEFW1
WED90HEFW2	WED9150WW0	WED9250WL0	WED9250WR0	WED9250WW0
WED9270XL0	WED9270XR0	WED9270XW0	WED92HEFBD1	WED92HEFBD2
WED92HEFC1	WED92HEFC2	WED92HEFU1	WED92HEFU2	WED92HEFW1
WED92HEFW2	WED9620HBK0	WED9620HBK1	WED9620HBK2	WED9620HC0
WED9620HC1	WED9620HC2	WED9620HW0	WED9620HW1	WED9620HW2

Figure 5: Partial list of compatible Whirlpool dryer models.

WARRANTY INFORMATION

This SupHomie Dryer Heating Element comes with a 1-year warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

The warranty does not cover damage resulting from improper installation, misuse, abuse, accident, or unauthorized repairs. Please retain your proof of purchase for warranty claims.

CUSTOMER SUPPORT

If you have any questions regarding the installation, operation, or compatibility of your SupHomie Dryer Heating Element, or if you encounter any issues, please do not hesitate to contact SupHomie customer service.

Our support team is available to assist you and will endeavor to resolve any problems you may experience.

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