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› Hotpoint Tumble Dryer Heating Element with Thermostat User Manual

Hotpoint C00277073

Hotpoint Tumble Dryer Heating Element with Thermostat User Manual

Model: C00277073 | Brand: Hotpoint

1. PRODUCT OVERVIEW

This document provides essential information for the installation, maintenance, and troubleshooting of the Hotpoint 2050W Heating Element with Thermostat (Part Number C00277073). This component is designed as a replacement part for specific Ariston Hotpoint and Indesit tumble dryers, restoring the heating function of your appliance.

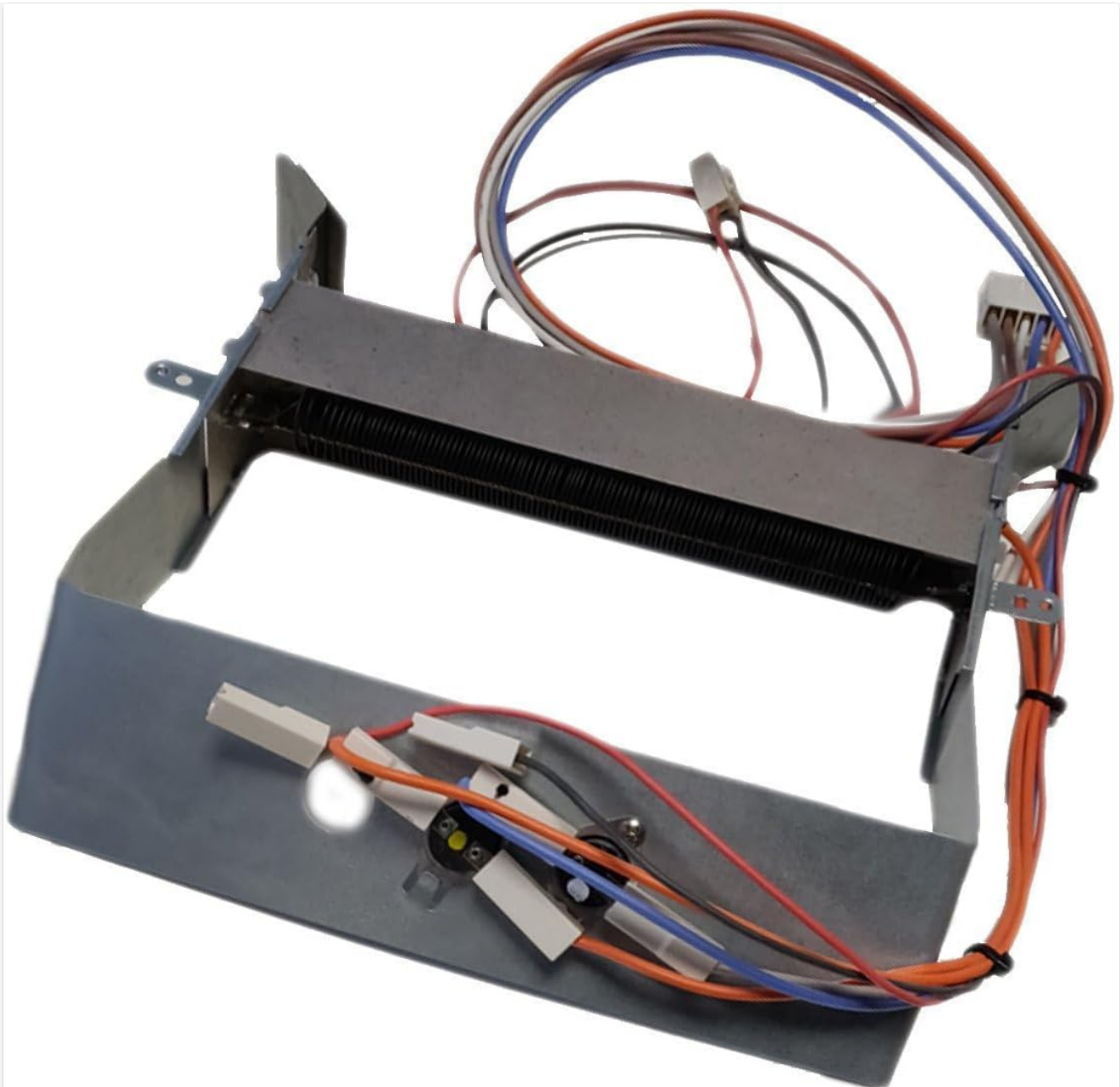


Figure 1: Hotpoint 2050W Tumble Dryer Heating Element with Thermostat. This image shows the complete heating element assembly with integrated wiring and thermostat connections.

2. SAFETY INFORMATION

WARNING: Before attempting any installation or maintenance, ensure the tumble dryer is completely disconnected from the main power supply. Failure to do so can result in electric shock, serious injury, or death.

- Always disconnect the appliance from the power source before servicing.
- Electrical work should only be performed by qualified and competent individuals.
- Wear appropriate personal protective equipment (PPE), such as insulated gloves.
- Ensure all connections are secure and correctly wired to prevent fire hazards or electrical malfunctions.
- Keep children and pets away from the work area.

3. INSTALLATION GUIDE

This heating element assembly does NOT include the NTC Thermistor (A) which is a critical component for temperature regulation. You MUST transfer the original NTC Thermistor from your old heating element to the new

assembly.

Whirlpool Service Replacement Heater Assembly
(supplied without NTC thermistor)

IMPORTANT ! / IMPORTANTE! / WICHTIG!

EN The NTC Thermistor (A) is NOT included with this assembly but MUST be fitted. Transfer the original NTC and securing SCREW from the existing Heater assembly to the empty position on the new one after connecting the Red and Black wires. Check wiring is not trapped when fitting the Heater.

IT IT L'NTC (a) non è incluso in questo assieme, ma deve essere montato. Trasferire l'NTC originale e la vite di fissaggio dall'assieme resistenza esistente sulla posizione vuota del nuovo assieme dopo aver collegato i cavi Rosso e Nero. Controllare che il cablaggio non è incastrato durante il montaggio della Resistenza.

D Der NTC-Thermistor (A) ist nicht im Lieferumfang enthalten und muss daher vom alten Bauteil übernommen werden. Demontieren Sie den NTC-Thermistor inkl. Schraube und montieren Sie diesen komplett auf das neue Bauteil. (Siehe Bilder). Vergewissern Sie sich nach Montage und Anschluss der Klemmen, dass keine Kabel eingeklemmt wurden.

FR La thermistance NTC (A) n'est pas incluse dans cet assemblage mais DOIT être montée. Transférer le NTC original et Fixer la VIS de l'ensemble de chauffage existant à la position vide sur la nouvelle, après avoir Fils rouge et noir. Vérifiez que le câblage n'est pas bloqué lors du montage du chauffage.

Leaflet No. 8201042 - (C00504983)

Temp.	Resistance (+/- 5%)
20°C	614 KΩ
25°C	470 KΩ
50°C	134 KΩ
75°C	43.8 KΩ
100°C	16.1 KΩ
130°C	5.6 KΩ

Figure 2: NTC Thermistor Transfer Diagram. This diagram illustrates the process of detaching the NTC thermistor from the old heating element and attaching it to the new one, highlighting the screw points and wiring connections.

Installation Steps:

1. **Preparation:** Ensure the tumble dryer is unplugged from the wall socket. Access the heating element compartment of your tumble dryer, typically located at the rear.

2. **Remove Old Element:** Carefully disconnect all wiring from the old heating element. Unscrew and remove the old heating element assembly from the dryer.
3. **Transfer NTC Thermistor:** Locate the NTC Thermistor (labeled 'A' in Figure 2) on your old heating element. This is a small sensor, usually secured by a screw. Carefully remove the screw and detach the NTC Thermistor.
4. **Attach NTC to New Element:** Position the transferred NTC Thermistor onto the empty designated spot on the new heating element assembly. Secure it firmly with the original screw.
5. **Connect Wiring:** Connect the red and black wires from the dryer's wiring harness to the corresponding terminals on the new heating element. Refer to the original wiring configuration for correct placement. Ensure all connections are tight and secure.
6. **Install New Element:** Carefully position the new heating element assembly into its compartment within the tumble dryer. Ensure no wiring is trapped or pinched during installation. Secure the heating element with its mounting screws.
7. **Final Check:** Double-check all wiring connections and ensure the NTC Thermistor is properly seated and secured. Verify that the heating element is firmly mounted.
8. **Test:** Reconnect the tumble dryer to the main power supply and perform a test cycle to ensure proper heating function.

4. SPECIFICATIONS

Specification	Detail
Brand	Hotpoint / ARISTON HOTPOINT
Part Number	C00277073
Power Rating	2050W
Form Factor	Front Load (Appliance Type)
Colour	White
Item Weight	400 g (0.4 Kilograms)
Manufacturer	ARISTON HOTPOINT
Country of Origin	China

5. MAINTENANCE

The heating element itself is a sealed unit and does not require routine maintenance. Its lifespan is generally determined by usage and environmental factors.

To prolong the life of your tumble dryer's heating system, consider the following general maintenance tips for the appliance:

- **Clean Lint Filter:** Regularly clean the lint filter after every load to ensure proper airflow and prevent overheating, which can stress the heating element.
- **Clean Condenser/Vent:** For condenser dryers, clean the condenser unit periodically. For vented dryers, ensure the exhaust vent is clear of obstructions and lint buildup.
- **Avoid Overloading:** Do not overload the dryer, as this can restrict airflow and cause the heating element to work harder than necessary.

6. TROUBLESHOOTING

If your tumble dryer is not heating after replacing the element, consider the following:

- **Power Supply:** Ensure the dryer is receiving power and the circuit breaker has not tripped.
- **NTC Thermistor:** Verify that the NTC Thermistor was correctly transferred and securely connected to the new heating element. A faulty or improperly installed thermistor can prevent heating.
- **Thermal Fuses/Cut-outs:** Tumble dryers often have thermal fuses or cut-outs that trip if the dryer overheats. These are usually non-resettable and would need replacement if tripped. Check the continuity of these components.
- **Wiring Connections:** Double-check all electrical connections to the heating element for tightness and correct polarity. Loose connections can prevent the element from functioning.
- **Other Components:** While less likely if only the element was replaced, issues with the timer, control board, or motor could also affect heating.
- **Professional Assistance:** If the issue persists after checking these points, it is recommended to consult a qualified appliance technician.

7. WARRANTY AND SUPPORT

Warranty information for this replacement part is typically provided by the seller at the time of purchase. Please refer to your purchase documentation or contact the seller directly for details regarding warranty coverage and return policies.

For technical support or further assistance, please contact the manufacturer, ARISTON HOTPOINT, or the retailer from whom you purchased the product.

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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