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De'Longhi Double Thermostat 180°C / Thermal Fuse 260°C

De'Longhi Double Thermostat and Thermal Fuse Replacement Part Manual

For Steam Irons and Generators (180°C Thermostat, 260°C Thermal Fuse)

1. Introduction

This manual provides essential information regarding the De'Longhi double thermostat and thermal fuse replacement part. This component is designed to regulate temperature and provide critical safety cut-off in compatible De'Longhi steam irons and steam generators. It is crucial for maintaining the safe and efficient operation of your appliance.

2. Safety Information

WARNING: Risk of Electric Shock and Burns.

- Always disconnect the appliance from the power supply before attempting any installation, maintenance, or repair.
- Installation of this replacement part should only be performed by a qualified technician or an individual with appropriate electrical repair experience.
- Ensure all connections are secure and correctly wired according to the original appliance's specifications.
- Do not bypass any safety features or components.
- Wear appropriate personal protective equipment (PPE) during installation.

3. Compatible Models

This double thermostat and thermal fuse replacement part is compatible with various De'Longhi steam irons and steam generators. Please verify your appliance's model number, typically found on a rating plate located underneath the unit, against the list below:

- IC120
- PRO110 Stiromeglio Press
- PRO110 F
- PRO120R
- PRO200
- PRO200P
- SY120 Super Vapor Press

- SUPERCALOR SY150
- SUPERCALOR SY300
- SUPERCALOR SY350
- VVT110
- VVX110
- VVX110 Stiromeglio Press
- VVX120R

If your model is not listed, please contact De'Longhi customer support or your seller for compatibility verification.

4. Product Overview

The De'Longhi double thermostat and thermal fuse assembly integrates two critical components into one unit: a thermostat for temperature regulation and a thermal fuse for over-temperature protection. This design ensures both operational efficiency and safety.



Figure 1: Top View of the Thermostat and Thermal Fuse. This image displays the upper surface of the component, highlighting the primary metal contacts and the temperature ratings for both the thermostat (180°C) and the thermal fuse (260°C).

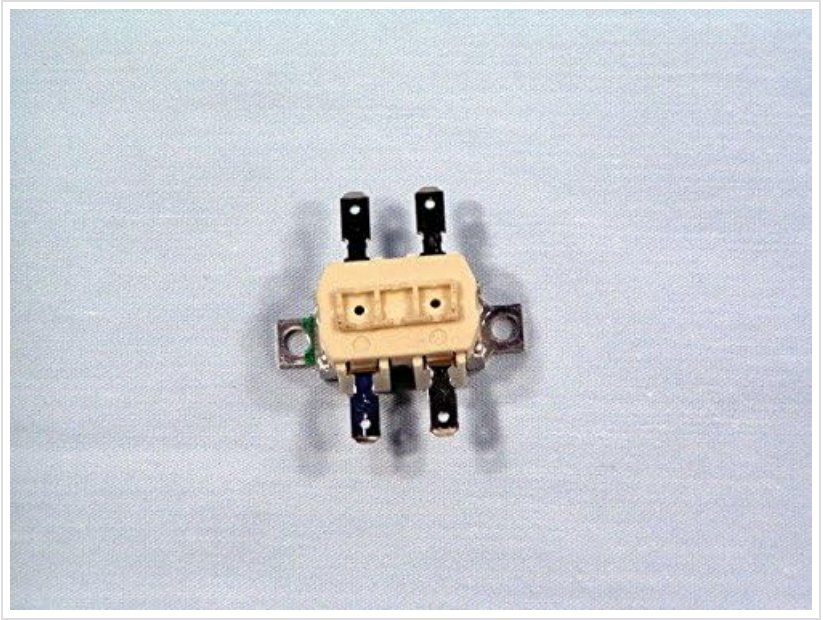


Figure 2: Bottom View of the Thermostat and Thermal Fuse. This image shows the underside of the component, revealing the four

electrical terminals where wiring connections are made within the appliance.

5. Installation Guide

This section provides general guidance for replacing the double thermostat and thermal fuse. Due to variations in appliance models, specific disassembly and reassembly steps are not detailed here. Always refer to your appliance's service manual or consult a professional.

1. **Preparation:** Ensure the appliance is unplugged and completely cooled down. Gather necessary tools (e.g., screwdrivers, pliers, multimeter).
2. **Access the Component:** Carefully disassemble the appliance to gain access to the existing thermostat and thermal fuse assembly. Take photos or make notes of wiring connections before disconnecting anything.
3. **Disconnect Old Component:** Detach the electrical wires from the old component. Note the position of each wire. Remove any mounting screws or clips securing the old component.
4. **Install New Component:** Position the new De'Longhi double thermostat and thermal fuse in the same location as the old one. Secure it with the original mounting hardware.
5. **Reconnect Wiring:** Carefully reattach the electrical wires to the corresponding terminals on the new component, ensuring all connections are firm and correct based on your prior notes or the appliance's wiring diagram.
6. **Reassemble and Test:** Reassemble the appliance, ensuring all covers and panels are correctly fitted. Plug the appliance back into the power supply and perform a functional test to confirm proper operation and temperature regulation. Monitor for any unusual behavior.

6. Specifications

Component Type	Double Thermostat and Thermal Fuse Assembly
Thermostat Activation Temperature	180°C (356°F)
Thermal Fuse Cut-off Temperature	260°C (500°F)
Brand	De'Longhi
Approximate Dimensions (L x W x H)	4 x 4 x 5 cm (1.6 x 1.6 x 2 inches)
Approximate Weight	20 g (0.7 oz)

7. Troubleshooting

If your appliance continues to malfunction after replacing the double thermostat and thermal fuse, consider the following general troubleshooting steps:

- **No Power:** Check the main power supply, circuit breaker, and the appliance's power cord for damage. Ensure all internal connections are secure.
- **Appliance Not Heating:** Verify that the new component is correctly installed and wired. Other heating elements or control boards might be faulty.
- **Overheating:** This could indicate a faulty thermostat or a blockage in the appliance's steam system. Discontinue use immediately and seek professional assistance.
- **Steam Issues:** If the appliance is not producing steam or producing too much, this may be related to other

components such as the pump, solenoid valve, or steam generator itself, rather than the thermostat/thermal fuse.

For complex issues or if you are unsure about any repair, it is highly recommended to consult a certified appliance repair technician.

8. Maintenance

The double thermostat and thermal fuse itself is a sealed component and does not require routine maintenance. However, to ensure its longevity and the overall health of your appliance:

- Keep the appliance clean and free from mineral buildup, especially in areas affecting heating and steam generation.
- Ensure proper ventilation around the appliance to prevent excessive heat accumulation.
- Regularly inspect the appliance's power cord and external components for any signs of wear or damage.

9. Warranty and Support

Information regarding the warranty for this specific replacement part should be obtained directly from the seller at the time of purchase or by contacting De'Longhi customer support. For technical assistance or further inquiries, please refer to the official De'Longhi website or contact their customer service department.
You can often find support resources, FAQs, and contact information on the official De'Longhi website:www.delonghi.com

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