De'Longhi WK-04

De'Longhi WK-04 Adjustable Thermostat User Manual

For Convector Radiators

1. Product Overview

This manual provides essential information for the safe and effective use of your De'Longhi WK-04 adjustable thermostat. Designed as a replacement part, this thermostat is compatible with various De'Longhi convector radiator models, allowing precise temperature control for optimal heating performance.

The WK-04 thermostat is a crucial component for maintaining desired room temperatures by regulating the heat output of your convector radiator.

2. Safety Information

Please read all safety instructions carefully before installation or operation. Failure to follow these instructions may result in electric shock, fire, or personal injury.

- **Disconnect Power:** Always ensure the convector radiator is completely disconnected from the main power supply before attempting any installation, maintenance, or repair.
- **Professional Installation:** Installation of this thermostat involves electrical connections. It is highly recommended that installation be performed by a qualified electrician or a competent service technician.
- **Voltage Compatibility:** Verify that the voltage rating of the thermostat (250V) matches the electrical specifications of your convector radiator and local power supply.
- **Avoid Moisture:** Do not expose the thermostat to water or excessive moisture.
- **Proper Handling:** Handle the thermostat with care to avoid damage to its components.

3. Product Components

The De'Longhi WK-04 adjustable thermostat consists of the main control unit and electrical terminals for connection.

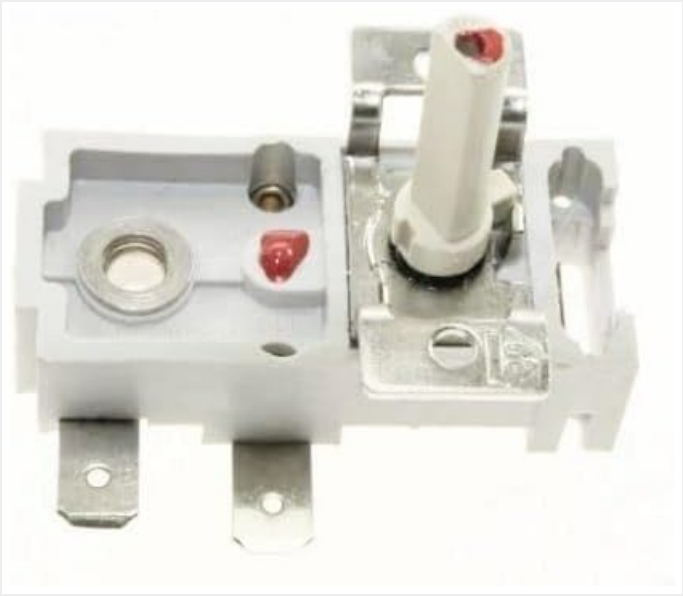


Figure 1: Front view of the De'Longhi WK-04 adjustable thermostat. This image displays the primary face of the thermostat, featuring the white adjustment knob and the visible electrical connection points.



Figure 2: Side and rear view of the De'Longhi WK-04 adjustable thermostat. This perspective highlights the mounting brackets and additional electrical terminals located on the side and back of the unit.

4. Installation

This thermostat is intended as a replacement part. Refer to your convector radiator's original manual for specific instructions on accessing and replacing its thermostat. The following steps are general guidelines.

1. **Ensure Power is Off:** Before beginning, confirm that the convector radiator is unplugged or its circuit breaker is switched off.
2. **Access Thermostat Compartment:** Carefully open the access panel or housing of your convector radiator to locate the existing thermostat.
3. **Disconnect Old Thermostat:** Note the wiring connections of the old thermostat. Take photographs if necessary.

Disconnect all wires and remove the old thermostat from its mounting.

4. **Install New Thermostat:** Mount the De'Longhi WK-04 thermostat in the same position as the old unit. Ensure it is securely fastened.
5. **Connect Wiring:** Connect the electrical wires to the corresponding terminals on the new WK-04 thermostat. Double-check all connections for tightness and correctness.
6. **Close Compartment:** Carefully close the access panel or housing of the convector radiator.
7. **Restore Power:** Plug in the convector radiator or switch on its circuit breaker.
8. **Test Functionality:** Turn on the convector radiator and test the thermostat's operation as described in the 'Operating Instructions' section.

Warning: Incorrect installation can lead to electrical hazards or damage to the appliance. If you are unsure, consult a qualified professional.

5. Operating Instructions

The De'Longhi WK-04 thermostat allows you to set the desired temperature for your convector radiator.

- **Adjusting Temperature:** Rotate the white adjustment knob on the front of the thermostat clockwise to increase the desired temperature, and counter-clockwise to decrease it.
- **Temperature Range:** The thermostat is designed to operate within a temperature range, typically indicated by markings around the knob or on the radiator itself. The specified operating temperature for this thermostat is 45°C to 100°C (T100°C).
- **Monitoring:** The convector radiator will cycle on and off to maintain the set temperature. Allow some time for the room temperature to stabilize after making adjustments.

6. Maintenance

The De'Longhi WK-04 thermostat requires minimal maintenance to ensure continued reliable operation.

- **Cleaning:** Periodically wipe the exterior of the thermostat with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Annually inspect the thermostat and its wiring for any signs of wear, damage, or loose connections. If any issues are found, disconnect power and consult a qualified technician.
- **Dust Removal:** Ensure that the thermostat's sensing elements (if accessible) are free from dust buildup, which can affect accuracy.

7. Troubleshooting

If you experience issues with your convector radiator's temperature control, consider the following common troubleshooting steps:

- **Radiator Not Heating:**
  - Check if the convector radiator is plugged in and receiving power.
  - Ensure the thermostat knob is set to a temperature higher than the current room temperature.
  - Verify that the circuit breaker for the radiator has not tripped.
- **Radiator Overheating/Not Turning Off:**

- Ensure the thermostat knob is set to a temperature lower than the current room temperature.
- Check for any obstructions around the thermostat or radiator that might be affecting temperature sensing.

- **Inaccurate Temperature Reading:**
  - Ensure the thermostat is not exposed to direct sunlight, drafts, or other heat sources that could interfere with its sensing.
  - Clean any dust from the thermostat's sensing area.

If these steps do not resolve the issue, it may indicate a fault with the thermostat or the convector radiator itself. Contact a qualified service technician for further assistance.

8. Specifications

Brand	De'Longhi
Model Number	WK-04
Product Type	Adjustable Thermostat for Convector Radiators
Voltage	250 Volts
Amperage	16 Amperes
Temperature Range	45°C to 100°C (T100°C)
Compliance	VDE
Dimensions (L x W x H)	4 x 2 x 4.3 cm
Item Weight	20 grams
Compatible Models (Partial List)	B06E, B24115V, BA2, BAX, BHF24D, BHF3, BHF3U, CCM, DFH232, DFH233, DFH332W, DFH333M, DFH333MT, DFH450M, EB01, EB24, FH443, HB02E, HB0H24E, HB24E, BP520, HBP532, HBP532T, HBP533, HBP633, HBP633T, HBP702, HBP733, HBP733T, HBP742T, HBP832B, HBP832P, HBP832TB, HEB02, HEB24, HMH432.3, HMH4333, HMH433.2-4, HMH433.3, HMH433/2, HMH442, HMH442.3, HMH443, HMH4432.4, HMH4432.4T, HMH443/3T, HMH443-3, HMH443T, HPB102, HPB242, HPB243, HPT02, HPV2, HPVT, HT02, HT02C, HT02E, HT02S, HTE320S, HTE330S, HTE332, HTE332/3, HTN2020, HTN2030, HTN2032, HTN2033, HV02, HV02E, HV02S, HVE232, HVE312, HVE320, HVE320S, HVE322, HVE323, HVE332, HVE332-2.4, HVE3323, HVE332-3, HVE333, HVE333.2, HVE333/2.4, HVN2020, HVN2022, HVN2030, HVN2032, HVN2050T, HVN2330B, HVN2332B, HVN2530B, HVN2532B, HVN2550TB, HVT, HWB4530, HWB5030, HWB5050T, HWB50TK, MTV33.3, PB242, PT2, PVT, T02, T02S, TA2, TRS, V02, V02E, VBX, VMO, VR2, VRS, VRZ, VT

9. Warranty and Support

As a replacement part, warranty coverage for the De'Longhi WK-04 thermostat is typically provided by the seller or the original appliance manufacturer, subject to their terms and conditions. Please retain your proof of purchase.

For technical support or inquiries regarding compatibility and installation, it is recommended to contact the retailer

from whom you purchased the part or a certified De'Longhi service center.

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