

De'Longhi DES12, DES14, DES16, DES16W, DEC10A, DEC12, DEC14, DEC16, DEC18, DEC21, DE120, DE210, DE215, DE220, DE230, DE320, DE330,

De'Longhi Humidistat Sensor Instruction Manual

For De'Longhi Dehumidifiers: DES12, DES16, DEC18, DE220, SDX Series and compatible models.

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your De'Longhi Humidistat Sensor. This component is a genuine De'Longhi replacement part designed to ensure the optimal performance of your dehumidifier by accurately sensing and controlling humidity levels. Please read this manual thoroughly before attempting any installation or maintenance.

2. PRODUCT OVERVIEW

The humidistat sensor is a critical component in your dehumidifier, responsible for detecting the ambient humidity and signaling the unit to activate or deactivate to maintain a desired humidity level. This specific sensor is an original De'Longhi replacement part, ensuring compatibility and reliable performance with a range of De'Longhi dehumidifier models.



Image 1: The De'Longhi Humidistat Sensor. This image displays the rectangular electronic component, featuring a metallic casing on top and a black base with electrical connection terminals visible at one end. A small metallic shaft or pin is also visible on the metallic casing.

3. COMPATIBILITY

This humidistat sensor is compatible with a wide range of De'Longhi dehumidifier models. Please verify your dehumidifier's model number against the list below. The model number is typically found on an identification label, usually located on the underside or back of the appliance.

Compatible De'Longhi Dehumidifier Models:

- **Tasciugo Series:** DES12, DES14, DES16, DES16W, DEC10A, DEC12, DEC14, DEC16, DEC18, DEC21
- **DE Series:** DE120, DE210, DE215, DE220, DE230, DE320, DE330
- **DH Series:** DH100P, DH131, DH25, DH250R, DH25ECO, DH40, DH40P, DH40U, DH90U, DHE90
- **DM/DN Series:** DM40UL, DN125, DN130, DN132, DN25G, DN400, DN40G, DN40GM, DN40U, DN40UL, DN50G, DN50GM, DN95
- **DR/DS Series:** DR155, DS105
- **Other Models:** CD1200, CD1900, DA12, DA75, DCA12, DCA15, DCA18, DCA24, DCA30R, DD95, DDE400, KEN15, ND12, ND15R, ND19, RAD15, SD10, SD6, SDC12, SDC18, SDS6, SDSR, SDX, SDXR, TTK100, XR24, XR30R

If your model is DE210, DE215, or DE230, it is recommended to provide a photo of your identification label for verification before purchase to ensure correct compatibility.

4. INSTALLATION AND SETUP

Warning: Before attempting any installation or replacement, ensure the dehumidifier is unplugged from the power outlet to prevent electric shock. If you are unsure about any step, consult a qualified technician.

1. **Preparation:** Disconnect the dehumidifier from the main power supply. Place the unit on a stable, flat surface.
2. **Accessing the Sensor:** Depending on your dehumidifier model, you may need to remove the outer casing or specific panels to access the existing humidistat sensor. Refer to your dehumidifier's specific service manual for detailed instructions on accessing internal components.
3. **Removing the Old Sensor:** Carefully disconnect the electrical wiring from the old humidistat sensor. Note the orientation and connection points of each wire. It may be helpful to take a photograph before disconnecting. Unscrew or unclip the old sensor from its mounting.
4. **Installing the New Sensor:** Position the new De'Longhi humidistat sensor in the same location as the old one. Secure it using the original screws or clips. Reconnect the electrical wiring to the new sensor, ensuring all connections are firm and correctly oriented.
5. **Reassembly:** Replace any panels or casing removed during the process. Ensure all screws are tightened and the unit is securely reassembled.
6. **Initial Test:** Plug the dehumidifier back into the power outlet. Turn on the unit and set the desired humidity level. Observe if the dehumidifier operates correctly and responds to changes in humidity.

5. OPERATION

Once installed, the humidistat sensor operates automatically as part of your dehumidifier's control system. It continuously monitors the relative humidity in the air. When the detected humidity level exceeds the set point on your dehumidifier, the sensor signals the unit to begin dehumidification. Once the humidity drops to or below the set point, the sensor signals the unit to stop or reduce operation, thereby maintaining the

desired environmental conditions and conserving energy.

No direct user interaction with the sensor itself is required after installation. All humidity settings are managed through the dehumidifier's control panel.

6. MAINTENANCE

The De'Longhi humidistat sensor is designed for long-term reliability and typically requires minimal maintenance. However, to ensure its continued accuracy and performance:

- **Keep Clean:** Periodically, when performing general maintenance on your dehumidifier, ensure the area around the sensor is free from dust, lint, and debris. Accumulated dust can interfere with accurate humidity readings. Use a soft, dry brush or compressed air to gently clean the sensor area.
- **Avoid Moisture:** While the sensor operates in a humid environment, direct exposure to water or excessive moisture during cleaning should be avoided.
- **Handle with Care:** When accessing internal components of the dehumidifier, handle the sensor and its wiring carefully to avoid damage.

7. TROUBLESHOOTING

If your dehumidifier is not maintaining the desired humidity levels or is behaving erratically after sensor replacement, consider the following troubleshooting steps:

- **Incorrect Wiring:** Double-check all electrical connections to the humidistat sensor. Ensure wires are securely attached and connected to the correct terminals as noted during removal.
- **Obstruction:** Verify that there are no physical obstructions (e.g., dust, debris, or other components) blocking the sensor's ability to accurately read the ambient air.
- **Dehumidifier Settings:** Confirm that the humidity settings on your dehumidifier's control panel are correctly configured.
- **Other Component Failure:** If the sensor appears to be correctly installed and functioning, the issue might lie with another component of the dehumidifier (e.g., fan, compressor, control board). In such cases, professional diagnosis may be required.
- **Sensor Malfunction:** Although rare for a new part, if all other troubleshooting steps fail, the sensor itself might be faulty. Contact De'Longhi customer support or a qualified technician for further assistance.

8. SPECIFICATIONS

| Feature | Detail |
|----------------------|--|
| Brand | De'Longhi |
| Part Type | Humidistat Sensor (Original Replacement) |
| Model Compatibility | Extensive list of De'Longhi dehumidifiers (refer to Section 3) |
| Dimensions (approx.) | 4 x 2.3 x 9 cm (1.57 x 0.91 x 3.54 inches) |
| Weight (approx.) | 90 grams (0.2 lbs) |
| Special Feature | Automatic humidity elimination control |

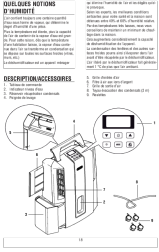



9. WARRANTY AND SUPPORT

As an original De'Longhi replacement part, this humidistat sensor is covered by De'Longhi's standard warranty policy for spare parts. For specific warranty terms, claims, or technical support, please refer to the documentation provided with your original dehumidifier or visit the official De'Longhi website. You may also contact De'Longhi customer service directly for assistance.

For further information or to locate authorized service centers, please visit the official De'Longhi website or contact their customer support.

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Related Documents - DES12, DES14, DES16, DES16W, DEC10A, DEC12, DEC14, DEC16, DEC18, DEC21, DE120, DE210, DE215, DE220, DE230, DE320, DE330,

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|---|---|
|  | <p>Manuel d'utilisation et de sécurité du déshumidificateur De'Longhi Tasciugo Ariadry Slim DES 16EW</p> <p>Guide complet pour l'installation, l'utilisation, l'entretien et le dépannage du déshumidificateur De'Longhi Tasciugo Ariadry Slim DES 16EW. Comprend des informations sur la sécurité, les modes de fonctionnement et les spécifications techniques.</p> |
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