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> De'Longhi DNC65 AriaDry Light Dehumidifier Floating Tank Lever Instruction Manual

De'Longhi DNC65

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Model: DNC65

1. INTRODUCTION

This manual provides essential instructions for the installation, operation, and maintenance of the De'Longhi DNC65 AriaDry Light Dehumidifier Floating Tank Lever. This component is a crucial part of your dehumidifier, responsible for detecting the water level in the tank and signaling the unit to stop operation when the tank is full. Please read these instructions carefully before attempting any installation or maintenance to ensure safe and correct usage. For the complete dehumidifier manual, please refer to the documentation provided with your De'Longhi DNC65 AriaDry Light Dehumidifier unit.

2. PRODUCT OVERVIEW

The floating tank lever is a small, yet vital, component designed to fit specifically into the water collection tank of the De'Longhi DNC65 AriaDry Light Dehumidifier. Its primary function is to float on the surface of the collected water. As the water level rises, the lever lifts, eventually triggering a switch that signals the dehumidifier to power off, preventing overflow.



Figure 1: De'Longhi DNC65 AriaDry Light Dehumidifier Floating Tank Lever. This image shows the compact design of the replacement floating tank lever, typically made of plastic, which is inserted into the dehumidifier's water tank.

Key Features:

- **Water Level Detection:** Accurately senses the water level in the tank.
- **Automatic Shut-off:** Ensures the dehumidifier stops operating when the tank is full.
- **Durable Material:** Constructed from plastic for longevity and resistance to water.

3. SETUP AND INSTALLATION

This section details the steps for installing or replacing the floating tank lever in your De'Longhi DNC65 AriaDry Light Dehumidifier.

1. **Power Off and Unplug:** Before beginning, ensure the dehumidifier is turned off and unplugged from the electrical outlet to prevent electric shock.
2. **Remove Water Tank:** Carefully pull out the water collection tank from the dehumidifier unit.
3. **Empty Tank:** If there is any water in the tank, empty it completely.
4. **Locate Lever Slot:** Identify the designated slot or housing for the floating tank lever within the water tank. This is typically a vertical channel or a specific attachment point.
5. **Insert New Lever:** Gently insert the new floating tank lever into its slot. Ensure it can move freely up and down without obstruction. The lever should be oriented correctly so that its floating mechanism can rise with the water level and activate the internal switch when full.
6. **Reinsert Water Tank:** Slide the water tank back into the dehumidifier until it clicks securely into place.
7. **Test Operation:** Plug the dehumidifier back in and turn it on. Monitor its operation. If the tank is empty, the unit should operate normally. If you manually fill the tank with water (or wait for it to fill), the unit should stop when the water level reaches the full mark, indicating the lever is functioning correctly.

Important Safety Note: Always ensure the dehumidifier is unplugged before handling internal components or the water tank.

4. OPERATING PRINCIPLE

The floating tank lever operates passively as an integral part of the dehumidifier's safety and convenience features. When the dehumidifier is running, it extracts moisture from the air, which condenses into water and collects in the water tank.

As the water level in the tank rises, the floating lever also rises. Once the water reaches a predetermined maximum level, the lever activates a micro-switch located within the dehumidifier's main body. This activation sends a signal to the dehumidifier's control system, prompting it to:

- Automatically shut off the compressor and fan.
- Illuminate a "Tank Full" indicator light (if applicable to your model).
- Prevent further water collection, thereby avoiding spills or overflows.

The dehumidifier will remain off until the water tank is emptied and reinserted correctly, allowing the floating lever to return to its lower position, deactivating the switch.

5. MAINTENANCE

Regular maintenance of the water tank and floating lever ensures optimal performance and longevity of your dehumidifier.

- **Cleaning the Tank:** Periodically remove and clean the water tank with mild soap and warm water. Rinse thoroughly to prevent mold and mildew growth.
 - **Inspecting the Lever:** While cleaning the tank, inspect the floating lever for any signs of damage, cracks, or mineral buildup. Ensure it moves freely within its slot.
 - **Removing Buildup:** If mineral deposits or debris accumulate on the lever or its housing, gently clean them using a soft brush or cloth. Avoid abrasive cleaners that could damage the plastic.
 - **Proper Reinstallation:** Always ensure the lever is correctly seated and the tank is fully inserted after cleaning to guarantee proper operation.
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6. TROUBLESHOOTING

If your De'Longhi DNC65 AriaDry Light Dehumidifier is not functioning as expected, particularly regarding water level detection, consider the following:

- **Dehumidifier Not Turning On / Constantly Shutting Off (Tank Empty):**
 - Possible Cause:* The floating lever might be stuck in the "full" position, or the tank is not fully inserted, preventing the switch from resetting.
 - Solution:* Remove the water tank, inspect the floating lever for obstructions or damage, and ensure it moves freely. Reinsert the tank firmly until it clicks into place.
- **Dehumidifier Overflowing (Tank Full, Not Shutting Off):**
 - Possible Cause:* The floating lever is stuck in the "empty" position, or the switch it activates is faulty. Debris might be preventing the lever from rising.
 - Solution:* Remove the water tank and thoroughly clean the floating lever and its housing. Ensure no debris is impeding its movement. If the issue persists after cleaning and proper reinstallation, the lever or the internal switch may need replacement. Contact customer support.

For other issues not related to the floating tank lever, please consult the main dehumidifier instruction manual or contact De'Longhi customer support.

7. SPECIFICATIONS

| Feature | Detail |
|-------------------------|---|
| Model Name | DNC65 |
| Part Type | Floating Tank Lever |
| Compatible Dehumidifier | De'Longhi DNC65 AriaDry Light Dehumidifier |
| Material | Plastic |
| Dimensions (L x W x H) | Approximately 4 x 1.7 x 15.3 cm (1.57 x 0.67 x 6.02 inches) |
| Weight | Approximately 20 grams (0.7 ounces) |
| Special Feature | Intelligent Operation (via water level detection) |

Note: Specifications are subject to change without notice for product improvement.

8. WARRANTY AND SUPPORT

For information regarding the warranty of your De'Longhi DNC65 AriaDry Light Dehumidifier Floating Tank Lever, please refer to the warranty documentation provided with your original dehumidifier unit or contact De'Longhi customer support directly.

Customer Support:

If you require assistance, have questions, or need to report a problem, please contact De'Longhi customer service. You can typically find contact information (phone numbers, email, or support website) on the official De'Longhi website or in the main dehumidifier manual.

When contacting support, please have your dehumidifier model number (DNC65) and the ASIN (B079LPKHR2) of this replacement part ready.