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De'Longhi DX10.WGY

De'Longhi Dehumidifier Fan Propeller Replacement Instruction Manual

For De'Longhi Tasciugo Ariadry Models DX8.5, DX10, and DX10.WGY

1. Product Overview

This document provides detailed instructions for the installation and maintenance of the De'Longhi 175mm replacement propeller fan. This fan is an original replacement part designed for specific De'Longhi Tasciugo Ariadry dehumidifier models.
Compatible Models: DX8.5, DX10, DX10.WGY



Figure 1: De'Longhi 175mm replacement fan propeller. This image displays the black, three-bladed plastic propeller fan, which serves as a direct replacement part for compatible De'Longhi dehumidifiers.

2. Important Safety Information

- Always disconnect the dehumidifier from the power supply before attempting any installation, maintenance, or repair.
- Wear appropriate personal protective equipment, such as gloves, if necessary.
- Ensure all components are correctly installed and secured before reconnecting power to the dehumidifier.
- If you are unsure about any step, consult a qualified technician.

3. Installation (Fan Propeller Replacement)

This section outlines the general steps for replacing the fan propeller. Specific disassembly procedures for your dehumidifier model may vary. Refer to your dehumidifier's main instruction manual for detailed disassembly instructions.

1. **Disconnect Power:** Ensure the dehumidifier is unplugged from the electrical outlet.
2. **Access Fan Compartment:** Carefully open the dehumidifier casing to access the fan motor and propeller assembly. This may involve removing screws or clips.
3. **Remove Old Propeller:** Locate the existing fan propeller. It is typically secured to the motor shaft with a screw, nut, or a press-fit mechanism. Loosen or remove the fastener and carefully pull the old propeller off the shaft. Note the orientation of the old propeller for correct installation of the new one.
4. **Install New Propeller:** Align the new De'Longhi 175mm propeller fan with the motor shaft. The propeller has an inner axle hole of 5mm diameter. Slide the new propeller onto the shaft, ensuring it is fully seated and oriented correctly. Secure it with the appropriate fastener (screw, nut, or by pressing it firmly into place).
5. **Reassemble:** Carefully reassemble the dehumidifier casing, ensuring all screws and clips are securely fastened.
6. **Test:** Plug the dehumidifier back into the power outlet and test its operation. Listen for any unusual noises or vibrations.



Figure 2: De'Longhi fan propeller with key dimensions. This image highlights the 175mm maximum outer diameter and the 5mm inner axle hole diameter, crucial for ensuring compatibility and correct installation.

4. Operating the Dehumidifier with the New Fan

The replacement fan propeller operates as an integral component of your De'Longhi dehumidifier. Once correctly installed, its operation is controlled by the dehumidifier's internal systems. For instructions on how to operate your dehumidifier, including setting humidity levels, fan speeds, and other functions, please refer to the original instruction manual provided with your De'Longhi Tasciugo Ariadry dehumidifier.

5. Maintenance

Regular maintenance of the fan propeller helps ensure efficient operation and prolongs its lifespan.

- **Cleaning:** Periodically, disconnect the dehumidifier from power and carefully access the fan compartment. Use a soft, damp cloth or a soft brush to gently clean dust and debris from the fan blades. Avoid using harsh chemicals or abrasive materials.
- **Inspection:** While cleaning, inspect the fan blades for any signs of damage, cracks, or imbalance. A damaged or unbalanced fan can lead to excessive noise or reduced performance.

6. Troubleshooting

If you encounter issues after replacing the fan propeller, consider the following:

- **Fan Not Spinning:** Ensure the fan propeller is correctly seated on the motor shaft and any fasteners are tight. Check that the dehumidifier is receiving power and its main controls are set to an 'On' position.
- **Excessive Noise/Vibration:** This could indicate an improperly installed or unbalanced fan. Disconnect power, re-check the propeller's seating on the shaft, and ensure no debris is obstructing its rotation. If the propeller is damaged, it may need replacement.
- **Reduced Airflow:** Verify that the fan is spinning at the correct speed and that there are no obstructions in the air intake or exhaust vents of the dehumidifier.

For issues related to the dehumidifier's overall function, refer to its primary instruction manual.

7. Specifications

Product Type	Replacement Fan Propeller
Brand	De'Longhi
Maximum Outer Diameter	175 mm
Inner Axle Hole Diameter	5 mm
Material	Plastic
Compatible Dehumidifier Models	DX8.5, DX10, DX10.WGY

8. Warranty and Support

Information regarding the warranty for this replacement part should be obtained from the original seller or directly from De'Longhi. Please retain your proof of purchase for any warranty claims.
For further technical support or inquiries about this replacement fan propeller, please contact De'Longhi customer service or the authorized retailer from whom the part was purchased. You can often find contact information on the De'Longhi official website or on your original product documentation.

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