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› De'Longhi DEX16F Dehumidifier User Manual

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De'Longhi DEX16F Dehumidifier User Manual

Model: DEX16F | Brand: De'Longhi

1. INTRODUCTION

Thank you for choosing the De'Longhi DEX16F Dehumidifier. This appliance is designed to effectively remove excess moisture from the air, helping to prevent mould, mildew, and dampness in your home. It features a 16-litre per day moisture removal capacity, a dedicated laundry function for faster clothes drying, and an advanced filtration system to reduce allergens. Its quiet operation ensures minimal disturbance.

2. IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before using the appliance. Keep this manual for future reference.

- Ensure the power supply voltage matches the rating label on the appliance.
- Do not operate the dehumidifier with a damaged cord or plug.
- Keep the appliance away from heat sources and direct sunlight.
- Always place the unit on a flat, stable surface.
- Do not block the air inlets or outlets. Maintain at least 20 cm clearance around the unit.
- Unplug the appliance before cleaning or performing any maintenance.
- This appliance is for indoor household use only.

3. PACKAGE CONTENTS

Verify that all components are present:

- De'Longhi DEX16F Dehumidifier Unit
- Removable Water Tank
- Continuous Drainage Hose (short)
- Instruction Manual

4. PRODUCT OVERVIEW

4.1 Components

- Control Panel
- Air Outlet
- Air Inlet / Filter Cover
- Water Tank
- Continuous Drainage Outlet
- Carry Handle



Figure 4.1: Front view of the De'Longhi DEX16F Dehumidifier, showing the control panel and water tank.



Figure 4.2: Top view of the dehumidifier, highlighting the air outlet and carry handle.

5. SETUP

5.1 Initial Placement

Place the dehumidifier in an upright position on a flat, stable surface. Ensure there is at least 20 cm of clear space around all sides of the unit to allow for proper airflow.

5.2 Power Connection

Plug the power cord into a suitable electrical outlet. The unit is now ready for operation.

6. OPERATING INSTRUCTIONS

6.1 Control Panel

The control panel features intuitive buttons and indicator lights:

- **ON/OFF Button:** Powers the unit on or off.
- **Humidity Level/Mode Button:** Cycles through desired humidity levels (e.g., 3 levels) or special modes like Laundry.
- **Full Tank Indicator:** Illuminates when the water tank is full and needs emptying.
- **Defrost Indicator:** Illuminates if the unit is defrosting.

6.2 Dehumidification Modes

Press the Humidity Level/Mode button to select your desired operation:

- **Standard Dehumidification:** The unit will operate to reach and maintain the selected humidity level.
- **Laundry Function:** This setting optimizes ventilation speed and dehumidifying capacity to help speed up laundry drying. Place the dehumidifier in a small, enclosed room with your drying clothes for best results.

6.3 Water Tank Management

When the water tank is full, the unit will automatically stop operating and the 'Full Tank' indicator light will illuminate. Carefully remove the tank, empty the collected water, and reinsert it firmly until it clicks into place. The unit will resume operation.

6.4 Continuous Drainage

For continuous operation without needing to empty the tank, you can set up continuous drainage:

1. Locate the continuous drainage outlet at the back of the unit.
2. Remove the small bung or cap covering the outlet.
3. Connect the supplied drainage hose to the outlet, ensuring a secure fit.
4. Route the other end of the hose to a suitable drain or larger container, ensuring the hose is sloped downwards to allow water to flow by gravity.



Figure 6.1: Illustration of connecting the continuous drainage hose to the dehumidifier.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your dehumidifier.

7.1 Cleaning the Air Filter

The air filter should be cleaned regularly (e.g., every two weeks or as needed) to maintain efficiency and air quality.

1. Turn off and unplug the dehumidifier.
2. Locate the air filter cover on the side/back of the unit.
3. Open the cover and carefully remove the filter.
4. Clean the filter using a vacuum cleaner to remove dust. For heavy dirt, wash it gently with lukewarm water and a mild detergent. Rinse thoroughly.
5. Allow the filter to dry completely before reinserting it.
6. Close the filter cover securely.



Figure 7.1: Accessing the air filter for cleaning.

7.2 Emptying the Water Tank

As described in section 6.3, empty the water tank when the indicator light illuminates. Clean the tank periodically with mild soap and water to prevent mould or bacterial growth.

7.3 Storage

If storing the unit for an extended period:

- Empty and clean the water tank.
- Clean the air filter.
- Ensure the unit is completely dry inside before storing.
- Store in an upright position in a cool, dry place, away from direct sunlight.

8. TROUBLESHOOTING

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power; Water tank full or incorrectly inserted.	Check power connection; Empty and reinsert water tank correctly.
No water collected.	Room humidity too low; Air filter clogged; Temperature too low.	Increase desired humidity setting; Clean air filter; Ensure room temperature is above 5°C.
Unit is noisy.	Unit not on a flat surface; Air filter clogged.	Place on a flat, stable surface; Clean air filter.
Airflow is weak.	Air filter clogged; Air inlets/outlets blocked.	Clean air filter; Ensure clear space around the unit.

9. TECHNICAL SPECIFICATIONS

Specification	Value
Brand	De'Longhi
Model Number	DEX16F
Colour	Blue
Product Dimensions	50 x 39 x 24 cm
Item Weight	9.12 kg
Capacity (Moisture Removal)	16 litres/day
Power / Wattage	210 watts
Voltage	220 Volts
Material	Aluminum

Specification	Value
Auto Shutoff	Yes (when tank is full)
Noise Level	39 dB
Special Features	Portable, Automatic Moisture Removal

10. WARRANTY AND SUPPORT

De'Longhi products are manufactured to the highest quality standards. For information regarding your product's warranty, please refer to the warranty card included with your purchase or visit the official De'Longhi website. For technical support, spare parts, or service, please contact De'Longhi customer service through their official channels.