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De'Longhi DD230P

De'Longhi DD230P Aria Dry Pump Dehumidifier

User Manual

Introduction

Thank you for choosing the De'Longhi DD230P Aria Dry Pump Dehumidifier. This appliance is designed to efficiently remove excess humidity from your indoor environment, improving air quality and comfort. With its robust pump system, it offers versatile drainage options, including continuous operation. Please read this manual thoroughly before operating the appliance to ensure safe and optimal performance.

Figure 1: Front view of the De'Longhi DD230P Dehumidifier.

Safety Instructions

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury to persons.

- Ensure the power supply matches the appliance's rating.
- Do not operate the dehumidifier with a damaged cord or plug.
- Keep the appliance away from heat sources and direct sunlight.
- Do not block air inlets or outlets.
- Always unplug the appliance before cleaning or maintenance.
- This appliance is for indoor use only.

Setup

1. Unboxing and Initial Inspection

Carefully remove the dehumidifier from its packaging. Inspect the unit for any signs of damage during transit. Retain the packaging for future storage or transport.

2. Placement Considerations

Place the dehumidifier on a flat, stable surface. Ensure there is at least 20 cm (8 inches) of clear space around the air inlets and outlets to allow for proper airflow. Avoid placing the unit in direct sunlight or near heat-generating appliances. For optimal performance, place the unit in the center of the room or area requiring dehumidification.

Figure 2: Proper placement of the dehumidifier in a room, showing the continuous drainage hose.

3. Power Connection

Connect the power cord to a grounded electrical outlet. Ensure the voltage matches the specifications of the appliance (230V).

4. Water Drainage Options

The De'Longhi DD230P offers two drainage methods:

- **Water Tank:** For manual emptying, ensure the water tank is correctly inserted into the unit. The unit will automatically stop operation when the tank is full.
- **Continuous Drainage (Pump System):** For extended operation without manual intervention, connect the provided

5-meter hose to the continuous drainage outlet. The patented pump system allows water to be discharged up to 5 meters in height, making it suitable for basements or areas without a floor drain. Ensure the hose is securely connected and directed to a suitable drain.

Operating Instructions

1. Control Panel Overview

The control panel features an electronic display and various buttons for setting and monitoring the dehumidifier's functions.

Figure 3: Detailed view of the control panel.

Power Button: Turns the unit ON/OFF.

Humidity Setting Buttons (+/-): Adjusts the desired humidity level (e.g., 40%, 50%, 60%). The unit will operate until the set humidity is reached.

Fan Speed Button: Selects between two fan speeds (Low/High). Higher fan speed results in faster dehumidification but increased noise.

Timer Button: Sets the operating time (e.g., 2, 4, 8 hours) after which the unit will turn off.

Pump Button: Activates or deactivates the continuous pump system. Ensure this is active if using the drainage hose.

Display: Shows current humidity, set humidity, timer settings, and error codes.

2. Setting Desired Humidity

Press the Humidity Setting buttons (+/-) to select your desired humidity level. The recommended range for comfortable indoor humidity is typically between 40% and 60%.

3. Fan Speed Selection

Press the Fan Speed button to cycle through the available fan speeds. Choose a higher speed for quicker dehumidification or a lower speed for quieter operation.

4. Timer Function

To set a timer for automatic shut-off, press the Timer button repeatedly until the desired operating duration is displayed.

5. Continuous Drainage Mode

If you have connected the continuous drainage hose, ensure the Pump button is activated. The indicator light for the pump system should be illuminated. This allows the unit to operate continuously without the need to empty the water tank.

6. Auto-Defrost Function

The dehumidifier is equipped with an anti-frost function. If the coil temperature drops too low, the unit will automatically enter defrost mode to prevent ice buildup, ensuring efficient operation in cooler environments.

Maintenance

Regular maintenance ensures the longevity and efficiency of your dehumidifier.

1. Cleaning the Air Filter

The dehumidifier features a washable anti-dust filter designed to remove pollutants and allergens. It is recommended to clean the filter every two weeks or more frequently depending on usage and air quality.

1. Turn off the unit and unplug it from the power outlet.
2. Locate and remove the air filter (refer to your unit's specific design for filter access).
3. Clean the filter with a vacuum cleaner to remove loose dust.
4. If heavily soiled, wash the filter gently with lukewarm water and a mild detergent. Rinse thoroughly.
5. Allow the filter to air dry completely before reinserting it into the unit. Do not use a dryer or direct heat.

2. Emptying and Cleaning the Water Tank

If not using continuous drainage, the water tank will need to be emptied regularly. The unit will stop operating when the tank is full.

1. Turn off the unit and unplug it.
2. Carefully pull out the water tank.
3. Empty the collected water.
4. Clean the tank with a mild detergent and water periodically to prevent mold and mildew growth. Rinse thoroughly.
5. Reinsert the dry tank firmly into the unit.

3. Cleaning the Exterior

Wipe the exterior of the dehumidifier with a soft, damp cloth. Do not use harsh chemicals, abrasive cleaners, or solvents, as these can damage the surface.

4. Long-Term Storage

If the unit will not be used for an extended period:

- Empty and clean the water tank.
- Clean the air filter.
- Unplug the unit and coil the power cord neatly.
- Store the dehumidifier upright in a dry, dust-free environment, preferably in its original packaging.

Troubleshooting

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; power cord not plugged in; water tank full or incorrectly inserted.	Check power outlet and cord connection. Empty and correctly reinsert the water tank.
No dehumidification or insufficient dehumidification.	Air filter clogged; room temperature too low; humidity setting too high; air inlets/outlets blocked; room too large.	Clean the air filter. Ensure room temperature is above 5°C (41°F). Lower the humidity setting. Clear any obstructions. Consider if the unit is appropriately sized for the room.
Water tank full indicator is on, but tank is not full.	Water tank not correctly positioned; float switch malfunction.	Remove and reinsert the water tank firmly. Check the float switch for obstructions.
Unit is noisy.	Unit not on a level surface; air filter clogged; fan obstruction.	Place the unit on a flat, stable surface. Clean the air filter. Check for any foreign objects near the fan.
Water leakage.	Water tank not properly seated; continuous drainage hose loose or kinked.	Ensure water tank is fully inserted. Check continuous drainage hose for secure connection and kinks.

If the problem persists after attempting these solutions, please contact customer support.

Specifications

Feature	Detail
Brand	De'Longhi
Model Number	0148530201
Color	White
Dimensions (L x W x H)	38 x 30.8 x 61 cm (14.96 x 12.13 x 24.02 inches)
Weight	19 kg (41.89 lbs)
Dehumidification Capacity	Up to 30 Liters per 24 hours

Feature	Detail
Water Tank Volume	7 Liters
Power Consumption	540 Watts (Max absorbed power 575 W)
Voltage	230V
Material	Plastic
Number of Fan Speeds	2
Noise Level	51 dB
Refrigerant Gas	R290 (100% natural and ecological)
Special Features	Anti-mold, Anti-frost function, Air purifier, Humidistat, Portable (handles and wheels), Timer, Patented continuous pump system with 5m flexible hose.

Warranty and Support

For warranty information, please refer to the warranty card included with your product or visit the official De'Longhi website. Keep your purchase receipt as proof of purchase.
If you require technical assistance or have questions not covered in this manual, please contact De'Longhi customer support through their official channels. Contact details can typically be found on the manufacturer's website or product packaging.

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