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LUKO D031B

LUKO D031B Dehumidifier User Manual

Model: D031B

1. Important Safety Instructions

Please read all instructions carefully before operating the dehumidifier and retain this manual for future reference. Failure to follow these instructions may result in electric shock, fire, or personal injury.

- Always place the dehumidifier on a firm, level surface to prevent tipping.
- Ensure adequate clearance (at least 20 cm or 8 inches) around the unit for proper airflow. Do not block air inlets or outlets.
- Do not operate the unit near water, in wet environments, or near flammable materials.
- Unplug the dehumidifier from the power outlet before cleaning, maintenance, or when not in use.
- Do not insert objects into the air vents or any openings.
- Keep the appliance out of reach of children and pets.
- Use only with the specified voltage and a properly grounded outlet.
- Do not attempt to repair or modify the unit yourself. Contact qualified service personnel for repairs.

2. Product Overview

Familiarize yourself with the components of your LUKO D031B Dehumidifier.



Figure 2.1: LUKO D031B Dehumidifier in a home environment, showing its compact design and moisture extraction capability.

- **Control Panel:** Top-mounted digital display with touch controls for all functions.
- **Air Outlet:** Located at the top, where dry air is expelled.
- **Air Inlet:** Located on the rear or sides, where humid air is drawn in.
- **Water Tank:** Removable 2-liter tank for collected water, located at the front or side.

- **Continuous Drainage Port:** Located at the rear for connecting a drainage hose.
- **Casters:** Wheels at the base for easy mobility.

3. Setup and Installation

Follow these steps to set up your dehumidifier for first-time use.



Figure 3.1: The LUKO D031B Dehumidifier highlighting its 2-liter water tank and the option for continuous drainage via a hose.

1. **Unpacking:** Carefully remove the dehumidifier from its packaging. Remove all packing materials, including any tape or protective films.
2. **Placement:** Place the dehumidifier upright on a firm, level, and stable surface. Ensure there is at least 20 cm (8 inches) of unobstructed space around the unit (especially the air inlet and outlet) for optimal performance. Avoid placing it near heat sources, in direct sunlight, or in areas with excessive dust.
3. **Power Connection:** Plug the power cord into a properly grounded electrical outlet that matches the voltage requirements of the unit.
4. **Continuous Drainage (Optional):** If you prefer continuous drainage to avoid emptying the water tank manually:
    - Locate the continuous drainage port on the rear of the unit.
    - Connect the provided drainage hose (or a suitable hose) to this port.
    - Ensure the hose is sloped downwards, allowing gravity to drain the water into a suitable floor drain or container. Do not allow the hose to be kinked or elevated, as this will prevent proper drainage.

4. Operating Instructions

Understand how to use the control panel and various functions of your dehumidifier.



Figure 4.1: Detailed view of the LUKO D031B Dehumidifier's intelligent touch control panel and digital display.



Figure 4.2: The three primary operating modes of the LUKO D031B Dehumidifier: Intelligent (Auto), Sleep, and Continuous.

Control Panel Functions:

- **Power Button ( ):** Press to turn the dehumidifier ON or OFF.
- **Mode Button (MODE):** Press to cycle through the available operating modes:
  - **Auto Mode (Intelligent):** The unit will automatically adjust its operation based on the set humidity level.

    - **Laundry Mode:** Operates continuously at high fan speed to help dry clothes faster.
    - **Sleep Mode:** Operates at a lower fan speed for quieter operation, and the display lights dim.

- **Humidity Setting Button (HUM):** In Auto Mode, press to set your desired humidity level (e.g., 40%, 50%, 60%). The unit will operate until the room humidity reaches this target.
- **Fan Speed Button (SPEED):** Press to select between High and Low fan speeds.
- **Timer Button (TIMER):** Press to set an auto-on or auto-off timer. Each press increases the time by 1 hour, up to 24 hours. The unit will turn on or off after the set duration.
- **Child Lock Button (LOCK/ION):** Press and hold for 3 seconds to activate or deactivate the child lock function. When activated, other buttons will not respond to prevent accidental changes.

5. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your dehumidifier.

Emptying the Water Tank:

When the water tank is full, the dehumidifier will automatically stop operating, and a 'Full Tank' indicator will illuminate on the display.

1. Gently pull out the water tank from the unit.
2. Carefully empty the collected water.
3. Slide the empty water tank back into its position until it clicks securely into place. The unit will resume operation if it was running before.

Cleaning the Air Filter:

The air filter should be cleaned every two weeks or more frequently depending on usage and air quality.

1. Turn off the dehumidifier and unplug it from the power outlet.
2. Locate and remove the air filter (typically found at the rear or side of the unit).
3. Gently clean the filter using a vacuum cleaner to remove dust, or wash it with lukewarm water and a mild detergent.
4. Rinse the filter thoroughly under running water.
5. Allow the filter to air dry completely before reinstalling it. Do not use a dryer or direct heat.
6. Once dry, reinsert the filter into its slot.

Cleaning the Unit:

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

6. Troubleshooting

If you encounter issues with your dehumidifier, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power; Water tank full or not properly inserted; Child lock activated.	Check power cord connection and outlet; Empty and reinsert water tank correctly; Deactivate child lock.

Problem	Possible Cause	Solution
No or insufficient dehumidification.	Desired humidity set too high; Air filter clogged; Room temperature too low; Air inlets/outlets blocked.	Lower the desired humidity setting; Clean the air filter; Ensure room temperature is above 5°C (41°F); Clear any obstructions around the unit.
Water tank full indicator is on, but tank is not full.	Water tank not properly seated.	Remove and reinsert the water tank firmly until it clicks into place.
Unit is making excessive noise.	Unit not on a level surface; Obstruction in fan; Air filter clogged.	Place unit on a flat, stable surface; Check for and remove any obstructions; Clean the air filter.
Water leaking from the unit.	Water tank not properly inserted; Continuous drainage hose is loose or kinked.	Ensure water tank is correctly seated; Check continuous drainage hose connection and ensure it is not kinked or blocked.

7. Specifications

Technical details of the LUKO D031B Dehumidifier.



Figure 7.1: Dimensions of the LUKO D031B Dehumidifier.

Model Number	D031B
Dehumidification Capacity	12 Liters/day (at 30°C, 80% RH)

Water Tank Volume	2 Liters
Power Consumption	180 Watts
Dimensions (L x W x H)	25.5 x 24.5 x 51.5 cm
Weight	10.5 kg
Recommended Room Size	Up to 35 square meters
Operating Temperature Range	5°C - 35°C (41°F - 95°F)
Special Features	Digital Display, 24-Hour Timer, Auto/Laundry/Sleep Modes

8. Warranty and Support

LUKO products are manufactured to high-quality standards. For warranty information, technical support, or any questions regarding your dehumidifier, please refer to the warranty card included with your purchase or contact LUKO customer service through the retailer where the product was purchased. Please have your model number (D031B) and purchase details ready when contacting support.

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