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> WANAI 50 Pint Dehumidifier (Model D-DML-LLL52) User Manual

WANAI D-DML-LLL52

WANAI 50 Pint Dehumidifier User Manual

Model: D-DML-LLL52

INTRODUCTION

Thank you for choosing the WANAI 50 Pint Dehumidifier. This manual provides important information for the proper installation, operation, and maintenance of your appliance. Please read it thoroughly before use and keep it for future reference.

Safety Information

- Always place the unit upright for at least 24 hours before initial use.
- Ensure the power supply matches the rating label on the unit.
- Do not operate the dehumidifier with a damaged power cord or plug.
- Keep the unit away from heat sources and direct sunlight.
- Do not block air inlets or outlets.
- Unplug the unit before cleaning or performing any maintenance.

PRODUCT OVERVIEW

The WANAI 50 Pint Dehumidifier is designed to efficiently remove moisture from areas up to 4500 sq.ft, improving air quality and comfort.



Image: Front view of the WANAI 50 Pint Dehumidifier, highlighting its compact design and dimensions (13.4"D x 9.4"W x 22.2"H).

Key Features:

- **High Capacity:** Removes up to 50 pints of water per day.
- **Coverage:** Suitable for areas up to 4500 sq.ft.
- **Smart Humidity Control:** Adjustable humidity range from 30% to 80%.
- **Multiple Modes:** Dehumidifying, Dry, and Air modes.
- **Portable Design:** Equipped with four 360° universal wheels and a handle for easy movement.
- **Drainage Options:** 1.59 Gallon (2.2L) water tank with auto-shutoff or continuous drainage with included hose.
- **Removable Air Filter:** For cleaner air and easy maintenance.

SETUP

1. **Unpacking:** Carefully remove the dehumidifier from its packaging. Retain packaging for future storage or transport.
2. **Upright Placement:** Ensure the unit is placed upright on a flat, stable surface for at least 24 hours before plugging it in. This allows the refrigerant to settle.
3. **Positioning:** Ensure there is at least 8 inches (20 cm) of space around the unit for proper airflow. Do not place it against a wall or block the air inlets/outlets.
4. **Power Connection:** Plug the power cord into a grounded electrical outlet. Ensure the outlet voltage matches the unit's specifications.

OPERATING INSTRUCTIONS



Image: Close-up of the user-friendly control panel with buttons for Speed, Timer, Humidity adjustment, Mode, and Power.

Control Panel Functions:

- **Power Button:** Press to turn the unit ON or OFF.

- **Mode Button:** Cycle through Dehumidifying, Dry, and Air modes.
 - **Dehumidifying Mode:** Removes moisture from the air.
 - **Dry Mode:** Operates at fixed high wind speed for continuous drying.
 - **Air Mode:** Circulates air without active dehumidification.
- **Speed Button:** Adjust fan speed between High and Low (available in Dehumidifying and Air modes).
- **Humidity Adjustment (+/-):** Set desired humidity level from 30% to 80% in 5% increments. The unit will operate until the set humidity is reached.
- **Timer Button:** Set an auto-on or auto-off timer from 1 to 24 hours.
- **Child Lock:** Press and hold the Timer button for 3 seconds to activate/deactivate the child lock. This prevents accidental changes to settings.

3 SMART MODES FOR DAILY USE



**DEHUMIDIFYING
MODE**
Low/High Wind Speed



DRYER MODE
Fixed High Wind Speed



AIR MODE
Low/High Wind Speed

Image: Diagram illustrating the three smart modes: Dehumidifying (Low/High Wind Speed), Dryer (Fixed High Wind Speed), and Air (Low/High Wind Speed).

Initial Operation:

1. Plug in the dehumidifier.
2. Press the Power button to turn it on.
3. Use the Mode button to select your desired operating mode.
4. Adjust the humidity level using the +/- buttons. A recommended humidity level for comfort is between 45% and 55%.
5. Select fan speed (if applicable for the chosen mode) using the Speed button.

DRAINAGE OPTIONS

Your dehumidifier offers two methods for water removal: manual emptying of the water tank or continuous drainage.



Image: Illustration showing the 1.6-gallon water tank for manual drainage and the continuous drainage option with the included 63-inch long hose.

1. Manual Drainage (Water Tank)

- The unit has a 1.59 Gallon (2.2 L) water tank.

- When the tank is full, the "Full" indicator light will illuminate, and the dehumidifier will automatically stop operating to prevent overflow.
- Carefully pull out the water tank from the front of the unit.
- Empty the collected water.
- Slide the empty water tank back into the unit until it clicks into place. The dehumidifier will resume operation.

2. Continuous Drainage

- For continuous operation without emptying the tank, use the included drainage hose.
- Locate the drainage outlet on the back of the unit.
- Remove the rubber stopper from the drainage outlet.
- Connect one end of the drainage hose to the outlet.
- Ensure the other end of the hose is placed in a suitable drain (e.g., floor drain, large bucket) and that the hose is sloped downwards to allow gravity drainage.
- Ensure the hose is not kinked or blocked.

MAINTENANCE

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

Cleaning the Air Filter

2 OPTIONS FOR DRAINAGE



1.6 GAL TANK



AUTO
DRAINAGE

63IN
LONG HOSE

Image: Close-up view of the removable air filter being taken out from the back of the dehumidifier for cleaning.

1. **Frequency:** Clean the air filter every two weeks or more often if the unit is used in a dusty environment.
2. **Power Off:** Always unplug the dehumidifier before cleaning.
3. **Remove Filter:** Gently pull out the air filter from the back of the unit.
4. **Clean:** Wash the filter with warm, soapy water. Rinse thoroughly and allow it to air dry completely before reinserting. Do not use a dishwasher or harsh chemicals.
5. **Reinstall:** Once dry, slide the filter back into its slot.

Cleaning the Unit Exterior

- Wipe the exterior with a soft, damp cloth.
- Do not use abrasive cleaners or solvents.

Storage

- If storing the unit for an extended period, ensure the water tank is empty and clean.
- Clean the air filter.
- Wrap the power cord and secure it.
- Store the unit upright in a cool, dry place.

TROUBLESHOOTING

Refer to this section for common issues and their solutions. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power, power cord loose, water tank full or not properly inserted.	Check power connection, empty and reinsert water tank.
Unit is running but not collecting water.	Humidity setting too high, room temperature too low, air filter clogged.	Lower humidity setting, ensure room temperature is above 41°F (5°C), clean air filter.
"Full" indicator is on, but tank is not full.	Water tank not properly seated, float switch malfunction.	Reinsert water tank correctly. If issue persists, contact support.
Unit is noisy.	Unit not on a level surface, air filter clogged.	Place on a level surface, clean air filter.

SPECIFICATIONS

Feature	Detail
Model Name	D-DML-LLL52
Dehumidification Capacity	50 Pints per Day (under 95°F, 90% RH)
Coverage Area	Up to 4500 Square Feet
Water Tank Volume	1.59 Gallons (2.2 Liters)
Humidity Setting Range	30% - 80%
Product Dimensions (D x W x H)	13.4" x 9.4" x 22.2"
Item Weight	35 pounds
Number of Speeds	2 (High/Low)
Operation Modes	Dehumidifying, Dry, Air

WARRANTY AND SUPPORT

WANAI products come with a manufacturer's warranty. Please refer to the warranty card included with your purchase for specific terms and conditions. For technical support, troubleshooting assistance, or warranty claims, please contact WANAI customer service.

Customer Service Contact: Refer to your product packaging or the official WANAI website for the most current contact information.

PRODUCT VIDEO

Your browser does not support the video tag.

Video: An overview of the WANAI dehumidifier in operation, demonstrating its features and compact design. This video is provided by the seller, NB WANAI.



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