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› DORTALA 2500 Sq. Ft Dehumidifier Instruction Manual

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DORTALA 2500 Sq. Ft Dehumidifier Instruction Manual

Model: DORTALA 2500 Sq. Ft Dehumidifier

INTRODUCTION

Thank you for choosing the DORTALA 2500 Sq. Ft Dehumidifier. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new appliance. Please read it thoroughly before use and retain it for future reference.

IMPORTANT SAFETY INSTRUCTIONS

To reduce the risk of fire, electric shock, or injury, always follow these basic precautions:

- Read all instructions before using the dehumidifier.
- Ensure the power supply matches the voltage specified on the rating label.
- 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 unit before cleaning or performing any maintenance.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.

PRODUCT OVERVIEW

The DORTALA 2500 Sq. Ft Dehumidifier is designed to efficiently remove excess moisture from your environment, improving air quality and comfort. Key components include:

- **Control Panel:** For adjusting settings and modes.
- **Air Inlet/Outlet:** Where air enters and exits the unit.
- **Water Tank:** Collects condensed water.
- **Drain Hose Connection:** For continuous drainage.
- **Wheels and Handle:** For easy portability.



Rated Voltage: 115V 60Hz

Rated Power: 155W

Dehumidify Capacity: 15L/Day (@ 35°C, 90% RH),
12L/Day (@ 30°C, 80% RH),
4.2L/Day (DOE Standard))

Water Tank Capacity: 2L

Cable Length: 1.8m



Figure 1: Front view of the DORTALA Dehumidifier with key dimensions (19.5D x 28W x 50H Centimetres).

SETUP INSTRUCTIONS

1. **Unpacking:** Carefully remove the dehumidifier from its packaging. Retain packaging materials for future storage or transport.
2. **Placement:** Place the dehumidifier on a level surface in the desired location. Ensure there is at least 20 cm (8 inches) of space around the unit for proper airflow. Avoid placing it near heat sources or in direct sunlight.
3. **Power Connection:** Plug the power cord into a grounded electrical outlet. Ensure the voltage matches the unit's requirements (115V 60Hz).
4. **Drainage Options:**
 - **Manual Drainage:** The unit will collect water in the internal tank. When the tank is full, the

dehumidifier will automatically shut off and an indicator light will illuminate. Empty the tank manually.

- **Continuous Drainage:** For extended operation without manual emptying, attach the included drain hose to the continuous drainage port. Ensure the hose is sloped downwards to allow water to flow out by gravity into a suitable drain.



Figure 2: Illustration of manual water tank drainage and continuous drain hose connection.

OPERATING INSTRUCTIONS

The DORTALA dehumidifier features an intuitive control panel and LED display for easy operation.

Easy Operation

With LED Display



Figure 3: Detailed view of the control panel, highlighting buttons for Fan, Sleep, Lock, Humidity Setting, Timer, Mode, and Power.

1. **Power On/Off:** Press the **POWER** button to turn the unit on or off.
2. **Mode Selection:** Press the **MODE** button to cycle through available modes:
 - **Auto Mode:** The unit automatically adjusts dehumidification based on the ambient humidity to maintain a comfortable level.
 - **Continuous Drying Mode:** The unit operates continuously to dry clothes or reduce humidity rapidly.
 - **Sleep Mode:** All lights dim, and the fan speed switches to low for quiet operation.
3. **Humidity Setting:** Press the **HUM** button to set your desired humidity level. The unit will operate until this level is reached.
4. **Fan Speed:** Press the **FAN** button to select between high and low fan speeds.
5. **24-Hour Timer:** Press the **TIMER** button to set an automatic on or off time for the unit.
6. **Child Safety Lock:** Press and hold the **LOCK** button to activate or deactivate the child safety lock, preventing accidental changes to settings.

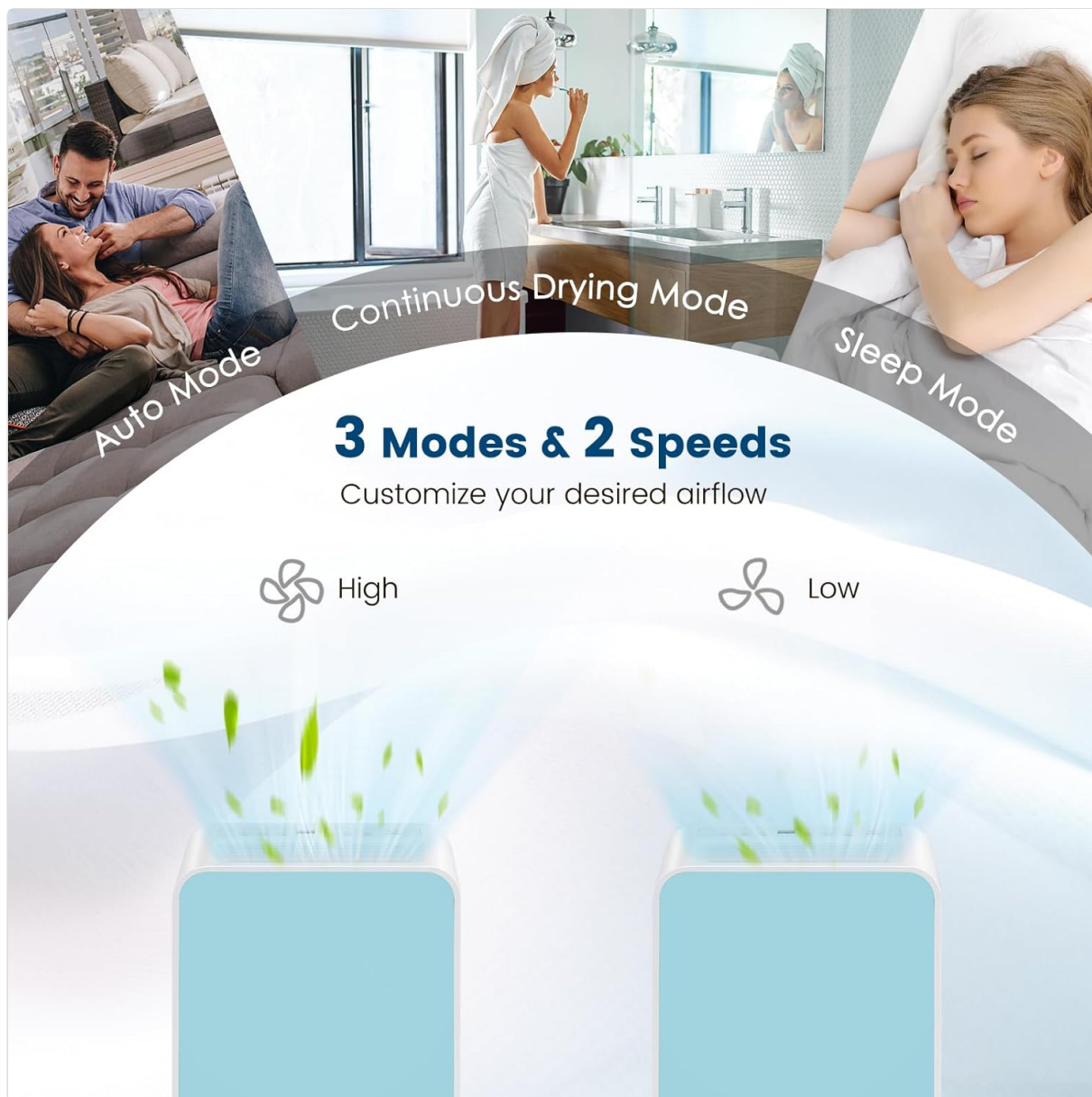


Figure 4: Visual representation of the three operating modes and two fan speed options.

MAINTENANCE

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

- 1. Emptying the Water Tank:** When the water tank is full, the unit will stop operating and an indicator will light up. Carefully remove the tank and empty the collected water. Reinsert the tank securely.
- 2. Cleaning the Air Filter:** The washable filter should be cleaned regularly (every 2-4 weeks, depending on usage and air quality).
 - Turn off and unplug the dehumidifier.
 - Remove the air filter from the back or side of the unit (refer to product diagram for exact location).
 - Wash the filter with warm, soapy water. Rinse thoroughly and allow it to air dry completely before reinserting.
 - Do not operate the dehumidifier without the filter or with a wet filter.
- 3. Cleaning the Exterior:** Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- 4. Storage:** If storing the unit for an extended period, ensure the water tank is empty and clean, and the filter is clean and dry. Store in an upright position in a cool, dry place.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power; power cord not plugged in; water tank full or not properly seated.	Check power connection; empty and re-seat water tank.
No water collected.	Humidity level too low; room temperature too low; air filter clogged; unit in continuous drainage mode.	Increase desired humidity setting; ensure room temperature is above 5°C (41°F); clean air filter; check continuous drain hose for proper setup.
Unit is noisy.	Unit not on a level surface; air filter clogged; internal components vibrating.	Place on a level surface; clean air filter; contact customer support if noise persists.
Airflow is weak.	Air filter clogged; air inlet/outlet blocked.	Clean air filter; ensure no obstructions around air inlets/outlets.

SPECIFICATIONS

Feature	Detail
Brand	DORTALA
Model Name	DORTALA 2500 Sq. Ft Dehumidifier
Dehumidification Capacity	32 Pints per Day (at 95°F, 90% RH)
Coverage Area	Up to 2500 Square Feet
Water Tank Volume	0.5 Gallons (approx. 2 Liters)
Power	155 Watts
Voltage	115V 60Hz
Number of Speeds	2 (High, Low)
Operation Modes	Automatic, Continuous, Sleep
Special Features	Portable, Sleep Mode, Washable Filter, 24H Timer, Child Safety Lock
Dimensions (D x W x H)	19.5D x 28W x 50H Centimetres
Item Weight	11.34 Kilograms
Material	Acrylonitrile Butadiene Styrene (ABS)

WARRANTY AND SUPPORT

This DORTALA dehumidifier comes with a **1-year warranty** against manufacturer defects, as specified in the product details.

For technical assistance, warranty claims, or any questions regarding your product, please contact DORTALA customer support through the retailer's platform or visit the official DORTALA store online. Please have your model number and purchase date available when contacting support.

Online Store: [DORTALA Store on Amazon.ca](#)