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HOGARLABS PD08GG

HOGARLABS 50 Pint Smart Dehumidifier Instruction Manual

Brand: HOGARLABS | Model: PD08GG

1. Introduction

The HOGARLABS 50 Pint Smart Dehumidifier is designed to efficiently remove excess moisture from your home, basement, garage, bathroom, bedroom, kitchen, RV, or office spaces. It can extract up to 50 pints of moisture daily, helping to maintain a comfortable environment and protect your belongings from humidity-related damage. This manual provides essential information for the safe and effective operation and maintenance of your dehumidifier.


LOCK
SPEED
TIMER
HUMI
MODE
POWER
Hogarlabs

Figure 1: HOGARLABS 50 Pint Smart Dehumidifier, front view.

2. Safety Information

Please read all safety instructions before operating the appliance to prevent injury or damage. Keep this manual for future reference.

- Always connect the dehumidifier to a grounded electrical outlet.
- Do not operate the unit with a damaged power cord or plug.
- Ensure the unit is placed on a stable, level surface to prevent tipping.
- Keep a minimum of 8 inches (20 cm) clearance around the unit for proper airflow.
- Do not block air inlets or outlets.
- Unplug the unit before cleaning or performing any maintenance.
- Do not use the dehumidifier near flammable gases or combustible materials.
- 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.

3. Product Overview

The HOGARLABS dehumidifier features an intuitive control panel, multiple operating modes, and convenient mobility features.

Control Panel



Figure 2: Top-mounted touch control panel with digital display.

The control panel includes buttons for Lock (child safety), Speed (fan speed adjustment), Timer (1-24 hours auto ON/OFF), Humi (humidity setting), Mode (DEHU/DRY/CONT), and Power (turn ON/OFF).

Physical Features



Figure 3: Hidden handle and 360° rotatable wheels for easy mobility.

The dehumidifier is equipped with a hidden handle and four universal wheels for convenient movement between rooms. It also features a washable air filter for easy maintenance.

Product Demonstration Video

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Video 1: A comprehensive overview of the HOGARLABS 50 Pint Dehumidifier (Model PD08G), demonstrating its design, control panel functions (child lock, fan speed, timer, humidity setting), water tank auto shut-off, continuous drainage setup, internal structure, mobility features, and washable filter.

4. Setup

Unpacking

Carefully remove the dehumidifier from its packaging. Retain the packaging materials for future storage or transport.

Placement

Place the dehumidifier on a firm, level surface in an area where the ambient temperature will not fall below 41°F (5°C). Ensure there is at least 8 inches (20 cm) of space on all sides of the unit for adequate air circulation. Avoid placing the unit near heat sources or in direct sunlight.

Power Connection

Plug the power cord into a grounded 120V/60Hz electrical outlet. The unit is now ready for operation.

5. Operating Modes and Settings

Your HOGARLABS dehumidifier offers three distinct operating modes to suit various needs.



Figure 4: Visual representation of the three dehumidification modes.

DEHU Mode (Smart Dehumidification)

In DEHU mode, the dehumidifier will automatically start and stop based on the target humidity level you set. This mode is ideal for maintaining a consistent humidity level in your space.

DRY Mode (Clothes Drying)

The DRY mode utilizes an optimized fan speed and dehumidification intensity to effectively dry clothes. This helps prevent clothes from becoming damp and musty, especially in humid conditions.

CONT Mode (Continuous Dehumidification)

Continuous mode ensures the dehumidifier runs constantly, rapidly lowering the room's humidity to its minimum level. This is suitable for extremely damp spaces requiring aggressive moisture removal.

Humidity Setting (Humi)

Press the 'Humi' button to adjust the desired relative humidity (RH) level between 30% and 80% in 5% increments. The unit will operate until the set humidity is reached, then cycle on and off to maintain it.

Fan Speed (Speed)

Press the 'Speed' button to toggle between high and low fan speeds. A higher fan speed will result in faster dehumidification.

Timer Function (Timer)

The timer allows you to set an automatic shut-off or turn-on time from 1 to 24 hours. Press the 'Timer' button to activate and adjust the desired duration.

Child Lock (Lock)

Press and hold the 'Lock' button for 3 seconds to activate or deactivate the child lock feature. This prevents accidental changes to settings.

6. Drainage Options

Your dehumidifier offers two methods for water removal: manual drainage via the water tank or continuous drainage using a hose.



Figure 5: Continuous and manual drainage options.

Manual Drainage (Water Tank)

The dehumidifier has a 0.66-gallon (2.5-liter) water tank. When the tank is full, the unit will automatically shut off, and an indicator light will illuminate to remind you to empty it. Carefully pull out the water tank, empty the collected water, and reinsert it securely. The unit will resume operation once the tank is properly reinstalled.

Continuous Drainage (Drain Hose)

For extended operation without needing to empty the water tank, you can use the included drain hose for continuous drainage. Locate the drainage outlet on the back of the unit. Remove the rotating cover and securely attach the drain hose. Ensure the hose is positioned downwards and leads to a suitable drain (e.g., floor drain, large bucket) to allow water to flow out by gravity. It is crucial that the hose is not kinked or elevated above the drainage outlet, as this will prevent proper drainage and cause the water tank to fill.

7. Maintenance

Regular maintenance ensures optimal performance and longevity of your dehumidifier.

Cleaning the Air Filter



Figure 6: Washable and reusable air filter.

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

1. Turn off the dehumidifier and unplug it from the power outlet.
2. Remove the filter from the back of the unit.
3. Wash the filter with clean water and a mild detergent.
4. Rinse thoroughly and allow the filter to air dry completely before reinstalling.
5. Reinsert the dry filter into the unit.

Cleaning the Water Tank

Periodically clean the water tank to prevent mold and mildew growth. Remove the tank, wash it with warm water and a mild detergent, rinse thoroughly, and dry before reinserting.

Storage

If the unit will not be used for an extended period, unplug it, empty and clean the water tank, clean the filter, and store it in a cool, dry place, preferably in its original packaging.

8. 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, power cord not plugged in, water tank full or not properly installed.	Check power connection. Ensure water tank is empty and correctly seated.
Unit is running but not collecting water.	Ambient humidity is too low, temperature is too low, air filter is clogged, humidity setting is too high.	Ensure ambient humidity is above 30% and temperature is above 41°F (5°C). Clean the air filter. Lower the target humidity setting.
Water tank full indicator is on, but tank is not full.	Water tank not properly seated, float switch malfunction.	Remove and reinsert the water tank firmly. Check for any obstructions around the float switch.
Continuous drainage is not working, water collects in tank.	Drain hose is kinked, blocked, or elevated above the drainage outlet.	Ensure the drain hose is straight, free of kinks, and positioned to allow gravity drainage to a lower point.
Unit is noisy.	Unit not on a level surface, air filter clogged, internal component issue.	Place the unit on a level surface. Clean the air filter. If noise persists, contact customer support.

9. Specifications

Feature	Specification
Brand	HOGARLABS
Model Name	PD08GG
Dehumidification Capacity	50 Pints per Day
Floor Area Coverage	350 Square Feet
Tank Volume	0.66 Gallons
Product Dimensions (D x W x H)	10.73"D x 14.42"W x 20.63"H
Number of Speeds	2
Operation Mode	Continuous

Feature	Specification
Special Feature	Adjustable Humidity Control
Included Components	Air Filter, Drain Hose
Material	Plastic
Item Weight	34.3 pounds
Color	White

10. Warranty and Support

HOGARLABS offers a 30-day return policy and 2 years of technical support for this dehumidifier. If you have any questions, require assistance, or need to claim warranty service, please contact HOGARLABS customer support.

Contact Information: Please refer to the contact details provided on the HOGARLABS official website or your purchase documentation.

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