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› HOGARLABS 50 Pint Smart Dehumidifier User Manual

HOGARLABS PD08G

HOGARLABS 50 Pint Smart Dehumidifier User Manual

Model: PD08G

Brand: HOGARLABS

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1. INTRODUCTION

Thank you for choosing the HOGARLABS 50 Pint Smart Dehumidifier. This manual provides essential information for the safe and efficient operation of your new appliance. Please read it thoroughly before use and keep it for future reference.

This dehumidifier is designed to effectively remove excess moisture from your home, basement, garage, bathroom, bedroom, kitchen, RV, or office, covering areas up to 4000 square feet. It helps protect your furniture, prolong the lifespan of home appliances, and create a more comfortable and healthy living environment by adjusting humidity levels from 30% to 80%.

2. IMPORTANT SAFETY INFORMATION

WARNING: To reduce the risk of fire, electric shock, or injury to persons, read these instructions completely before operating this appliance.

- Always plug the unit into a grounded 3-prong outlet. Do not remove the grounding prong.
- Do not use an adapter or extension cord.
- Do not operate the unit if the cord or plug is damaged.
- Do not use the unit in areas where flammable liquids or gases are stored.
- Ensure the unit is placed on a level, stable surface to prevent tipping and water spillage.
- Keep children and pets away from the unit during operation.
- Always unplug the unit before cleaning or performing any maintenance.
- Do not block air inlets or outlets. Maintain at least 8 inches of clearance around the unit.

- Do not insert fingers or other objects into the air outlets.
- If the unit is shipped on its side, allow it to stand upright for at least 24 hours before plugging it in to allow refrigerants to settle.

3. PRODUCT OVERVIEW



Figure 3.1: Front view of the HOGARLABS 50 Pint Smart Dehumidifier, showcasing its sleek white design and control panel.

Touch Control Button



Figure 3.2: Close-up of the digital touch control panel, indicating buttons for Lock, Speed, Timer, Humidity, Mode, and Power.

Components:

- Digital Control Panel
- Air Outlet (top)
- Air Inlet (rear)
- Removable Water Tank (0.66 Gallons)
- Continuous Drain Outlet
- Washable Filter
- 4 Universal Wheels
- Hidden Handle

4. SETUP

4.1 Unpacking and Placement

- Carefully remove the dehumidifier from its packaging.
- Place the unit upright on a firm, level surface. Ensure there is at least 8 inches of space around all sides for proper air circulation.
- If the unit was transported on its side, allow it to stand upright for at least 24 hours before plugging it in.



Figure 4.1: The dehumidifier features 360° rotatable wheels and a hidden handle for easy movement and placement.

4.2 Power Connection

- Plug the power cord into a grounded 3-prong electrical outlet.
- Ensure the voltage matches the rating label on the back of the unit.

4.3 Drainage Options

Your dehumidifier offers two drainage methods:

- **Manual Drainage (Water Tank):** The unit will collect water in its 0.66-gallon internal tank. When the tank is full, the unit will automatically shut off to prevent overflow. You will need to manually empty the tank.
- **Continuous Drainage (Drain Hose):** For continuous operation without manual emptying, attach the included 3.28 ft drain hose to the continuous drain outlet on the back of the unit. Route the hose to a floor drain or a large container. Ensure the hose is not kinked or elevated above the drain outlet to allow gravity drainage.



Figure 4.2: Illustration of both continuous drainage using the included hose and manual drainage using the water tank.

5. OPERATING INSTRUCTIONS

5.1 Control Panel Functions

The digital control panel allows for smart operation and effortless settings:

- **Power Button:** Turns the unit ON or OFF.
- **Mode Button:** Cycles through 3 smart modes:
 - **DEHU Mode:** The dehumidifier auto-starts and shuts down according to the humidity level you set.
 - **DRY Mode:** Uses the most suitable fan speed and dehumidification intensity to quickly remove moisture from clothes.
 - **CONT Mode:** Ensures the dehumidifier runs continuously, rapidly lowering room humidity to the minimum level, ideal for constantly damp spaces.
- **Humidity (Humi) Button:** Adjusts the target humidity level from 30% to 80%.
- **Timer Button:** Sets the auto ON/OFF time from 1 to 24 hours.
- **Speed Button:** Adjusts the fan speed (High/Low).
- **Lock Button:** Activates/deactivates the intelligent panel lock to prevent accidental operation, especially useful for child safety.

3 Modes Dehumidification



Figure 5.1: Visual representation of the three smart dehumidification modes and their typical use cases.



Figure 5.2: The 24-hour timer function allows you to schedule operation for convenience, such as turning off while you sleep.

5.2 Ambient Humidity Status

The dehumidifier shows the ambient humidity status in real-time, allowing you to monitor the air quality.



Figure 5.3: The display indicates the current humidity level, demonstrating the unit's efficiency in reducing moisture from 80% to 45%.

5.3 Official Product Video

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Video 5.1: An official product video from HOGARLABS demonstrating the features and operation of the 50 Pint Dehumidifier (Model PD08G).

6. MAINTENANCE

6.1 Cleaning the Air Filter

The washable filter helps maintain optimal performance and air quality. It is recommended to clean the filter every 30 days or as needed.

- Unplug the dehumidifier from the power outlet.
- Remove the filter from the back of the unit.
- Rinse the filter under running water or use a vacuum cleaner to gently remove dust and debris.
- Allow the filter to air dry completely before reinserting it into the unit.

6.2 Emptying the Water Tank

When the water tank is full, the unit will automatically shut off. To empty:

- Gently pull out the water tank from the back of the unit.
- Carefully carry the tank to a sink or drain and empty the collected water.
- Slide the empty tank back into the unit until it clicks into place.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power supply; Water tank full or not properly inserted.	Check power cord connection; Empty and reinsert water tank correctly.
Unit is not collecting water.	Humidity setting is too high; Room temperature is too low; Air filter is clogged.	Lower the target humidity setting; Ensure room temperature is above 41°F (5°C); Clean the air filter.
Unit is noisy.	Unit is not on a level surface; Air filter is clogged.	Place the unit on a flat, stable surface; Clean the air filter.
Water is leaking.	Water tank not properly inserted; Continuous drain hose is kinked or blocked.	Reinsert water tank correctly; Check and straighten the drain hose.

8. SPECIFICATIONS

Feature	Detail
Brand	HOGARLABS
Model Name	Dehumidifier (PD08G)
Dehumidification Capacity	50 Pints per Day
Floor Area Coverage	Up to 4000 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
Item Weight	32 Pounds
Wattage	400 watts
Operation Modes	Continuous Dehumidify, Auto Dehumidify, Dry Clothes
Special Features	24 Hours Timer, Continuous Drain, Digital Control Panel, Washable Filter, Overflow Protection, Auto Shut-off/Restart
Included Components	0.6 Gallon Water Tank, English-French Bilingual Instructions, Removable Washable Filter, 3.28 Ft Drain Hose

9. WARRANTY & SUPPORT

HOGARLABS stands by the quality of its products. Your 50 Pint Dehumidifier comes with:

- **30-Day Return Policy:** For initial satisfaction guarantee.
- **2-Year Extended Maintenance Period:** Covering potential issues during normal use.
- **Technical Support:** Dedicated 24-hour service is available for any questions or assistance you may need. Please refer to the contact information provided in your purchase documentation for support.