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HOGARLABS PD11C

HOGARLABS 3500 Sq. Ft 50 Pint Energy Star Dehumidifier User Manual

Brand: HOGARLABS | Model: PD11C

1. Important Safety Information

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 serious injury.

- Always connect the dehumidifier to a grounded electrical outlet.
- Do not operate the unit if the power cord or plug is damaged.
- Do not block the air intake or exhaust vents. Ensure adequate clearance around the unit for proper airflow.
- Do not use the dehumidifier in areas where flammable gases or combustible materials are present.
- Always unplug the unit before cleaning, performing maintenance, or when not in use.
- Do not immerse the unit, power cord, or plug in water or other liquids.
- Keep children and pets away from the dehumidifier during operation.
- Ensure the water tank is correctly installed before operating the unit.

2. Product Overview

The HOGARLABS 50 Pint Energy Star Dehumidifier is designed to efficiently remove excess moisture from your home, covering areas up to 3500 Sq. Ft. It helps maintain a healthy humidity range of 45%-55%, preventing mold, mildew, and improving air quality.

Key Features:

- **High Capacity:** Removes up to 50 pints of moisture per day (under 95°F, 90%RH conditions).
- **Energy Star Certified:** Features a high-efficiency compressor and electronic controller for reduced energy consumption.
- **Three Operating Modes:** DEHU (Dehumidify), DRY (Clothes Drying), and CONT (Continuous).
- **Intelligent Humidity Control:** Adjustable humidity range from 30% to 80%.
- **User-Friendly Design:** Includes a top handle, side handrails, and 360° universal wheels for easy mobility.

- **Digital Display:** Front digital display shows current humidity levels.
- **Dual Drainage Options:** Manual drain with a 0.66-gallon water tank and continuous drain with an included 3.28ft (1m) hose.
- **Smart Features:** Auto defrost, child lock, timer, and overheat safety protection.
- **Quiet Operation:** Operates at a peak sound level of 40dB.

Product Components:

Familiarize yourself with the main parts of your dehumidifier.



Figure 2.1: Front view of the HOGARLABS Dehumidifier, showing the digital display and water tank.



Figure 2.2: Close-up of the easy-to-use control panel with various function buttons.



Figure 2.3: Product dimensions for placement reference.

Product Video Overview:

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Video 2.1: An official overview of the HOGARLABS 3500 Sq. Ft 50 Pint Energy Star Dehumidifier, demonstrating its features and operation.

3. Setup

3.1 Placement

Place the dehumidifier on a flat, stable surface in the desired area. Ensure there is at least 8 inches (20 cm) of space around the unit for proper air circulation. The unit is suitable for basements, homes, bathrooms, bedrooms, closets, offices, apartments, garages, kitchens, laundry rooms, storage rooms, and RVs, covering up to 3500 Sq. Ft.

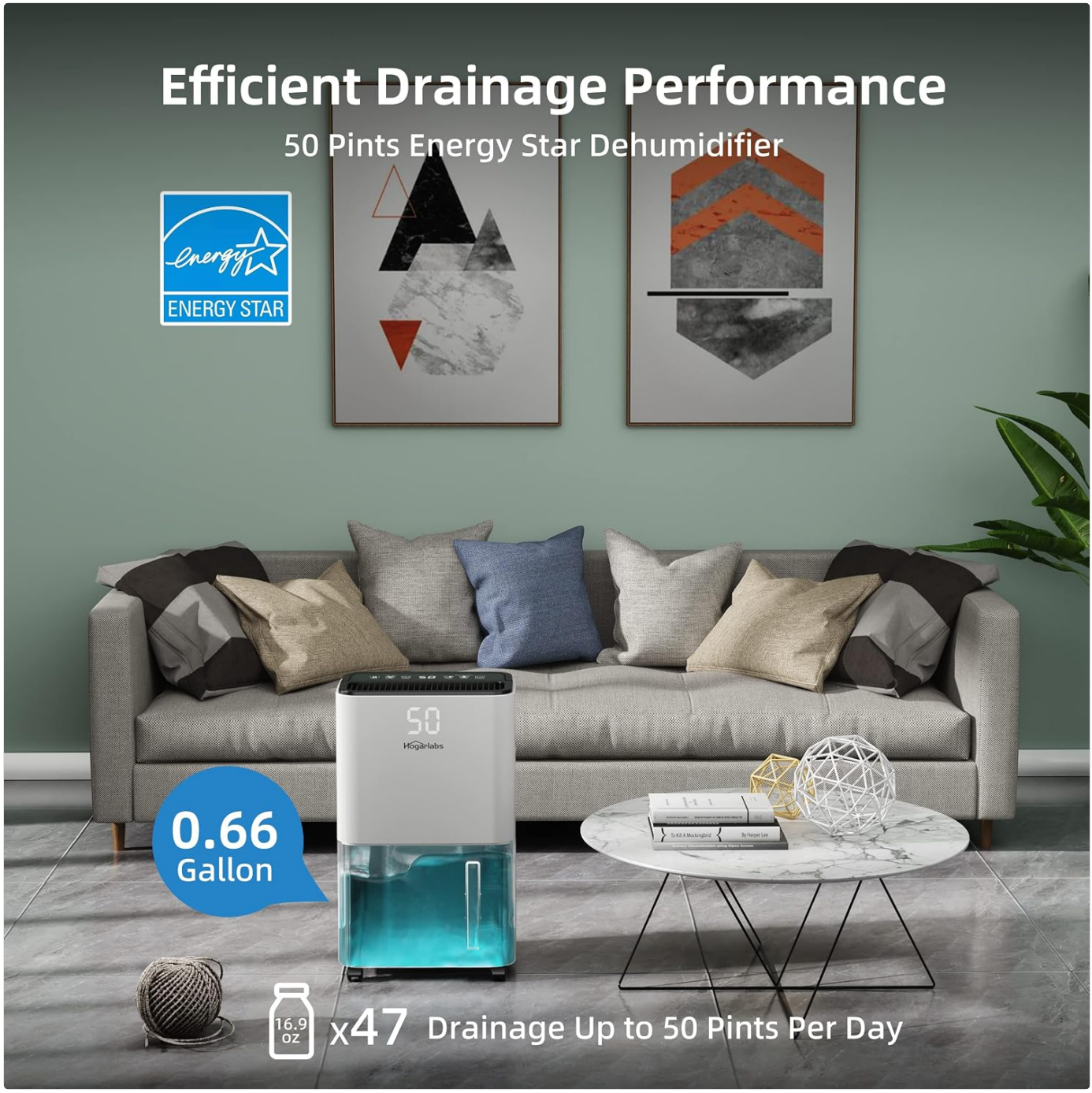


Figure 3.1: Illustration of optimal placement for whole-room dehumidification.

3.2 Power Connection

Plug the power cord into a grounded 120V/60Hz electrical outlet. The unit will beep once, and the digital display will light up, indicating it is in standby mode.

3.3 Drainage Options

Your HOGARLABS dehumidifier offers two methods for water removal:

1. **Manual Drain (Water Tank):** The unit collects water in its internal 0.66-gallon (2.5L) water tank. When the tank is full, the dehumidifier will automatically stop operating and illuminate the "Full Water" indicator light. You must then manually empty the tank.
2. **Continuous Drain (Drain Hose):** For continuous operation without manual emptying, connect the included 3.28ft (1m) drain hose to the continuous drain outlet on the back of the unit. Ensure the hose is sloped downwards to allow gravity drainage into a floor drain or large container.



Figure 3.2: Visual representation of both manual and continuous drainage setups.

4. Operating Instructions

4.1 Power On/Off

Press the **POWER** button on the control panel to turn the unit ON or OFF.

4.2 Mode Selection

Press the **MODE** button to cycle through the three available operating modes:

- **DEHU Mode:** Standard dehumidification. The unit will operate to maintain your set humidity level. Ideal for general home use.
- **DRY Mode:** Designed for quickly drying wet clothes and cotton household items. The unit will run continuously at high fan speed.

- **CONT Mode:** Continuous dehumidification. The unit will run continuously regardless of the humidity level. Suitable for constantly damp spaces requiring aggressive moisture removal.



Figure 4.1: Visual guide to the three operating modes and their typical applications.

4.3 Humidity Setting

In DEHU mode, press the **HUMI** button to adjust the desired humidity level from 30% to 80% in 5% increments. The unit will automatically turn on or off to maintain the set humidity.

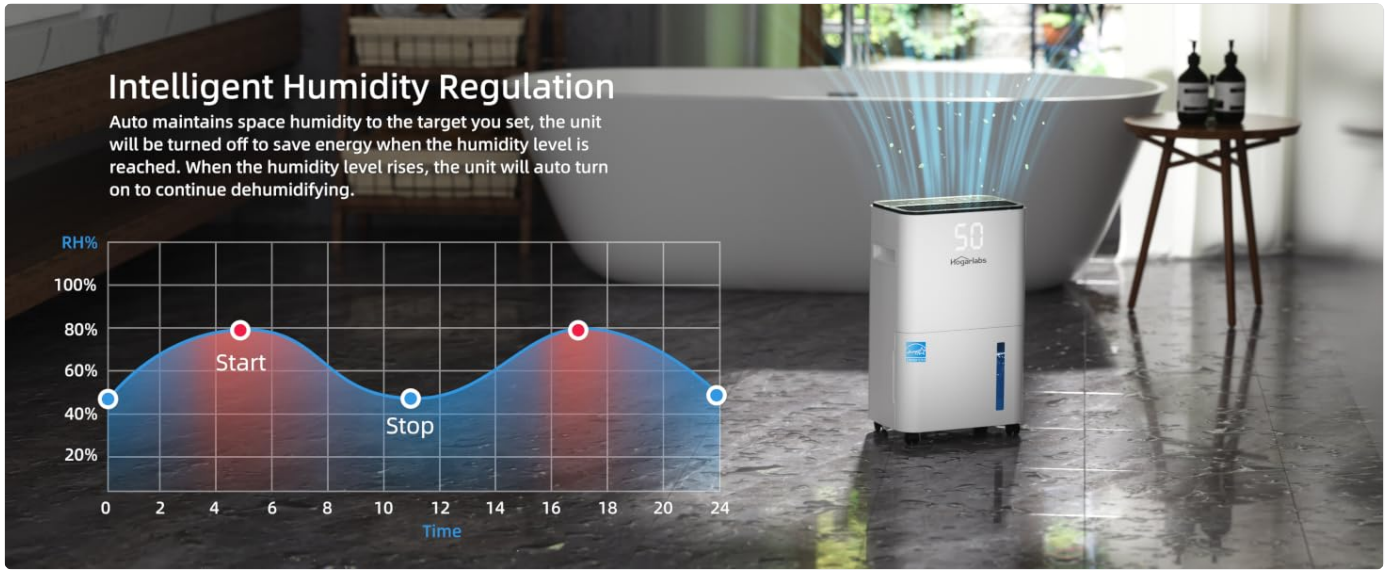


Figure 4.2: Diagram illustrating the intelligent humidity regulation feature.

4.4 Fan Speed

Press the **SPEED** button to toggle between Low and High fan speeds. Higher fan speed results in faster dehumidification.

4.5 Timer Function

Press the **TIMER** button to set a delay for the unit to turn ON or OFF. The timer can be set from 1 to 24 hours.

4.6 Child Lock

Press and hold the **LOCK** button for 3 seconds to activate or deactivate the child lock function. When activated, all other buttons on the control panel will be disabled to prevent accidental changes.

5. Maintenance

Regular maintenance ensures optimal performance and longevity of your dehumidifier.

5.1 Emptying the Water Tank

When the water tank is full, the unit will stop operating and indicate that it needs to be emptied. Carefully pull out the water tank from the front of the unit, empty the collected water, and then reinsert the tank firmly until it clicks into place. The unit will resume operation.

5.2 Cleaning the Air Filter

The dehumidifier is equipped with a removable and washable air filter located on the back. It is recommended to clean the filter every two weeks or more frequently depending on usage and air quality.

1. Unplug the dehumidifier from the power outlet.
2. Remove the filter cover from the back of the unit.
3. Gently pull out the air filter.
4. Wash the filter with warm, soapy water. Rinse thoroughly and allow it to air dry completely before reinserting. Do not use a dishwasher.
5. Once dry, place the filter back into its slot and secure the filter cover.



Figure 5.1: Illustration of the removable and washable air filter.

5.3 Exterior Cleaning

Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals, abrasives, or solvents, as these may damage the surface.

6. Troubleshooting

If you experience issues with your dehumidifier, please refer to the following common problems and solutions. If the problem persists, contact HOGARLABS customer support.

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power, power cord loose, water tank full or not properly installed.	Check power connection. Empty and re-install water tank correctly.
No water collected.	Humidity level too low, air filter clogged, room temperature too low, continuous drain hose is blocked or improperly installed.	Adjust desired humidity setting. Clean air filter. Ensure room temperature is above 41°F (5°C). Check continuous drain hose for kinks or blockages.
Unit is noisy.	Unit not on a level surface, air filter clogged.	Place unit on a flat, stable surface. Clean air filter.
Frost on coils.	Room temperature too low.	The unit has an auto-defrost function. If frost persists, increase room temperature.

7. Specifications

Feature	Detail
Brand	HOGARLABS

Feature	Detail
Model Name	PD11C-Energy Star Certified
Dehumidification Capacity	50 Pints per Day
Floor Area Coverage	3500 Square Feet
Tank Volume	0.66 Gallons (2.5 Liters)
Product Dimensions (D x W x H)	13.8"D x 9.9"W x 20.8"H
Item Weight	32.6 Pounds
Wattage	680 watts
Operation Modes	CONT Mode / DEHU Mode / DRY Mode
Noise Level	40dB peak sound
Adjustable Humidity Control	30%-80%
Included Components	3.28ft (1m) Drain Hose, Instruction Manual
UPC	682601917675

8. Warranty and Support

HOGARLABS stands behind the quality and reliability of its dehumidifiers. Your purchase includes:

- **2-Year Warranty:** Covers manufacturing defects and malfunctions under normal use.
- **Free Replacement Services:** Available for eligible issues within the warranty period.
- **Lifetime Technical Support:** Access to technical assistance for any questions or issues you may encounter with your dehumidifier.
- **Responsive Customer Service:** HOGARLABS commits to responding to all customer emails within 24 hours.

For support, please refer to the contact information provided on the HOGARLABS official website or your purchase documentation.

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Details

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