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› HOGARLABS 25 Pints Dehumidifier PD14ASS User Manual

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HOGARLABS 25 Pints Dehumidifier PD14ASS User Manual

Model: PD14ASS

1. INTRODUCTION

This manual provides essential instructions for the safe operation, installation, maintenance, and troubleshooting of your HOGARLABS 25 Pints Dehumidifier, Model PD14ASS. This appliance is designed to efficiently remove excess moisture from indoor environments, helping to maintain comfortable humidity levels and protect your property from moisture-related issues.

Please read this manual thoroughly before using the dehumidifier and retain it for future reference.

2. SAFETY INSTRUCTIONS

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

- Ensure the power supply matches the voltage requirements specified on the unit's rating label.
- Do not operate the dehumidifier with a damaged cord or plug.
- Keep the unit upright during transport and operation. If tilted, allow it to stand upright for at least 24 hours before plugging it in.
- Do not block air inlets or outlets. Maintain adequate clearance around the unit for proper airflow.
- Do not insert objects into the air vents.
- Unplug the unit before cleaning, moving, 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.
- Do not use the dehumidifier in areas where flammable gases or liquids are stored.

3. PRODUCT COMPONENTS

Familiarize yourself with the main parts of your HOGARLABS dehumidifier.



Figure 3.1: Front view of the HOGARLABS 25 Pints Dehumidifier, showing the air intake grille, digital display, and water tank level indicator.

Freely Change Each Mode



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



Figure 3.3: Rear view illustrating the continuous drainage option with the included hose connected.

4. SETUP

1. **Unpacking:** Carefully remove the dehumidifier from its packaging. Retain packaging materials for future storage or transport.
2. **Placement:** Place the dehumidifier on a flat, stable surface in the desired location. Ensure there is at least 8 inches (20 cm) of space around the unit for proper air circulation. Avoid placing it against walls or furniture that could obstruct airflow.
3. **Initial Rest Period:** If the unit has been tilted during shipping, allow it to stand upright for at least 24 hours before plugging it into a power outlet. This allows the refrigerant to settle, preventing potential damage to the compressor.
4. **Power Connection:** Plug the power cord into a grounded electrical outlet.

5. OPERATING INSTRUCTIONS

The HOGARLABS dehumidifier features a digital control panel for easy operation.

Control Panel Functions:

- **Power Button:** Turns the unit on or off.
- **Humidity (HUMI) Button:** Press to set the desired humidity level (30% to 80% relative humidity). The unit will operate until the set humidity is reached, then cycle on and off to maintain it.
- **Mode Button:** Cycles through the three operating modes:
 - **DEHU Mode:** Standard dehumidification. Allows manual setting of humidity levels between 30% and 80%.
 - **DRY Mode:** Designed for continuous operation to dry clothes or in highly humid environments. The unit runs continuously regardless of ambient humidity.
 - **CONT Mode:** Continuous dehumidification. Similar to DRY mode, the unit operates continuously without stopping based on a set humidity level.
- **Timer Button:** Sets the automatic on/off timer (1-24 hours). Press repeatedly to adjust the desired time.
- **Speed Button:** Adjusts the fan speed (Low/High) in DEHU and CONT modes.
- **Lock Button (3s):** Press and hold for 3 seconds to activate/deactivate the child lock function, preventing accidental changes to settings.

Setting Desired Humidity:

In DEHU mode, press the HUMI button to select your target humidity. The unit will display the current humidity and then flash the set humidity. Use the up/down arrows (often integrated with HUMI or Speed buttons, refer to specific model icons) to adjust. The unit will automatically turn off when the target humidity is reached and restart when humidity rises above the set level.

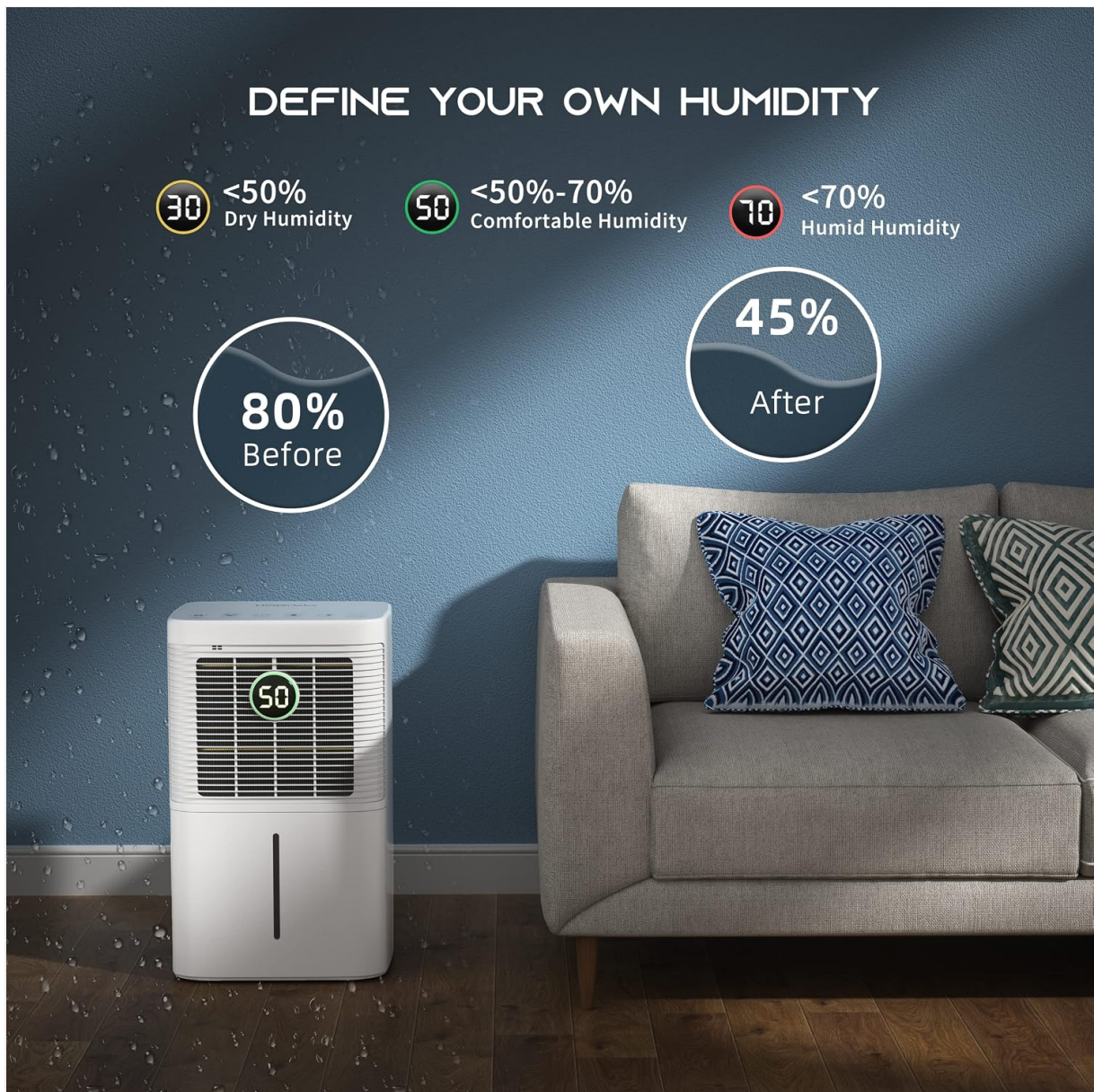


Figure 5.1: Visual representation of humidity levels: Dry (<50%), Comfortable (50-70%), and Humid (>70%).

6. DRAINAGE OPTIONS

Your dehumidifier offers two methods for water removal:

6.1. Manual Drainage (Water Tank)

The unit is equipped with a 0.42-gallon (1.6-liter) water tank. When the tank is nearly full, the dehumidifier will automatically stop operation and emit a brief beep alarm. The 'Full' indicator light will illuminate. To empty the tank:

1. Gently pull out the water tank from the front of the unit.
2. Carefully empty the collected water.
3. Slide the empty tank back into the unit until it clicks into place. The dehumidifier will resume operation automatically.

6.2. Continuous Drainage (Drain Hose)

For uninterrupted operation in highly humid environments, you can use the included 6.56-foot (2-meter) drain hose for continuous drainage.

1. Locate the continuous drain outlet at the back of the dehumidifier.

2. Remove the rubber stopper from the drain outlet.
3. Connect one end of the drain hose to the outlet, ensuring a secure fit.
4. Direct the other end of the hose to a suitable drain point, such as a floor drain or a large container. Ensure the hose is sloped downwards to allow gravity to drain the water effectively. Avoid kinks or blockages in the hose.



Figure 6.1: Illustration of the dehumidifier set up for continuous drainage with the hose directed to a floor drain.

7. MAINTENANCE

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

7.1. Cleaning the Air Filter

The dehumidifier is equipped with a detachable, washable filter screen. A dirty filter can reduce efficiency and airflow.

1. Unplug the dehumidifier from the power outlet.
2. Locate and remove the air filter (typically at the back or side of the unit).
3. Wash the filter with warm, soapy water. Rinse thoroughly.
4. Allow the filter to air dry completely before reinstalling it. Do not use a dryer or direct heat.

- Reinstall the dry filter and plug the unit back in.

7.2. Cleaning the Unit Exterior

Wipe the exterior of the dehumidifier with a soft, damp cloth. Do not use harsh chemicals, abrasives, or solvents.

8. TROUBLESHOOTING

Before contacting customer service, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power; power cord not fully plugged in; power outage.	Check power connection; ensure outlet is functional; check circuit breaker.
No water collected / Humidity not decreasing.	Ambient humidity is already low; unit in DRY/CONT mode; air filter clogged; room temperature too low; unit too small for space.	Verify current humidity; ensure DEHU mode is selected with appropriate humidity setting; clean air filter; ensure room temperature is above 5°C (41°F); consider unit placement or larger capacity if needed.
Unit runs but water tank is empty (manual drainage).	Continuous drainage hose is connected.	Disconnect the continuous drain hose if you intend to use the water tank.
Unit does not stop when water tank is removed.	Float switch malfunction or obstruction.	Ensure the float switch in the water tank is not stuck. If issue persists, contact support.
Fan speed resets to 'High' after emptying tank.	This may be a default setting for resuming operation.	Manually reset the fan speed to your preferred setting after the unit restarts.
Unit is noisy.	Unit not on a level surface; air filter clogged; internal component issue.	Ensure unit is on a flat, stable surface; clean air filter. If noise persists, contact support.
Unit occasionally stops responding, requires unplugging.	Temporary electronic glitch.	Unplug the unit for a few minutes, then plug it back in. If this happens frequently, contact support.

9. SPECIFICATIONS

Feature	Specification
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Feature	Specification
Brand	HOGARLABS
Model Number	PD14ASS
Moisture Removal Capacity	25 Pints/Day
Water Tank Capacity	0.42 gallons (approximately 1.6 liters)
Product Dimensions	31.6 x 44.3 x 23.9 cm
Item Weight	11 kg
Material	Plastic
Color	White
Humidity Control Range	30% - 80% RH
Operating Modes	DEHU, DRY, CONT
Special Features	Adjustable Humidity Control, Automatic Defrost, Automatic Moisture Removal, Automatic Restart, Automatic Shutoff, Timer, Child Lock, Quiet Operation (36 dB)
Continuous Drainage Hose Length	6.56 feet (2 meters)

10. WARRANTY AND SUPPORT

HOGARLABS provides a **2-year warranty** for this dehumidifier, along with lifetime technology support. For any questions, concerns, or assistance, please contact our dedicated customer service and after-sales team. They are available online 24/7 to provide support.

Please refer to your purchase documentation or the HOGARLABS official website for contact information.