HOGARLABS PD10G-25

HOGARLABS 80 Pints Dehumidifier User Manual

Model: PD10G-25

1. Introduction

This manual provides essential information for the safe and efficient operation of your HOGARLABS 80 Pints Dehumidifier, Model PD10G-25. Please read it thoroughly before use and retain it for future reference.

The HOGARLABS PD10G-25 dehumidifier is designed to remove up to 80 pints of moisture per day (under 95°F, 90%RH conditions). It features intelligent humidity control, multiple operating modes, and options for both manual and continuous drainage. This unit is suitable for various large spaces such as basements, garages, bathrooms, bedrooms, and offices.



Figure 1.1: Front view of the HOGARLABS 80 Pints Dehumidifier. The unit is white with a black top panel and a green indicator light.

2. Safety Instructions

To prevent injury to the user or others and property damage, the following instructions must be followed. Incorrect operation due to ignoring instructions may cause harm or damage.

- Always connect the unit to a grounded power outlet.
- Do not operate the unit if the power cord or plug is damaged.
- Ensure the unit is placed on a stable, level surface to prevent tipping.
- Maintain at least 8 inches (20 cm) of clearance around the unit for proper airflow.
- Do not insert objects into the air inlet or outlet.
- Unplug the unit before cleaning or performing any maintenance.
- Do not use the unit near flammable gases or combustible materials.

- Keep children and pets away from the unit during operation.
- The unit is designed for indoor use only.

3. Product Overview

3.1 Components

- **Control Panel:** Digital display and touch buttons for operation.
- **Air Inlet/Outlet:** For drawing in and expelling air.
- **Water Tank:** Removable tank for collecting condensed moisture.
- **Drainage Port:** For continuous drainage hose connection.
- **Washable Filter:** Located at the rear, for air purification.
- **Concealed Handle:** For easy portability.
- **Universal Wheels:** Four 360° rotatable wheels for mobility.



Figure 3.1: Side view of the dehumidifier highlighting key components such as the hidden handle, 360° rotatable wheels, and the washable filter. Dimensions are also shown.

3.2 Control Panel

The touch control panel allows you to manage all functions of the dehumidifier.



Figure 3.2: Close-up of the touch control panel, showing the digital display and individual function buttons.

- **POWER Button:** Turns the unit ON or OFF.
- **MODE Button:** Selects between DEHU, DRY, and CONT modes.
- **HUMI Button:** Adjusts the desired humidity level (30% to 80% RH).
- **TIMER Button:** Sets the auto-on or auto-off timer (1-24 hours).
- **SPEED Button:** Selects fan speed (High or Low).
- **LOCK Button:** Activates/deactivates the child lock function.

4. Setup

4.1 Unpacking

Carefully remove the dehumidifier from its packaging. Inspect the unit for any shipping damage. Retain the packaging

materials for future storage or transport.

4.2 Placement

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

4.3 Power Connection

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

5. Operation

5.1 Power On/Off

Press the **POWER** button to turn the dehumidifier ON or OFF.

5.2 Operating Modes

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

- **DEHU Mode (Dehumidify):** The unit will automatically start and stop based on the set humidity level. This is the standard mode for maintaining a desired humidity.
- **DRY Mode (Clothes Dry):** Operates with optimal fan speed and dehumidification intensity to assist in drying clothes.
- **CONT Mode (Continuous):** The dehumidifier runs continuously, aiming to reduce indoor humidity to the lowest possible level. This mode is ideal for extremely damp conditions and continuous drainage.



Figure 5.1: Visual representation of the three smart operating modes: DEHU, DRY, and CONT, showing their typical applications in different home environments.

5.3 Humidity Setting

In DEHU mode, press the **HUMI** button to set your desired humidity level between 30% and 80% Relative Humidity (RH) in 5% increments. The unit will operate until the set humidity is reached, then pause, and restart if humidity rises.

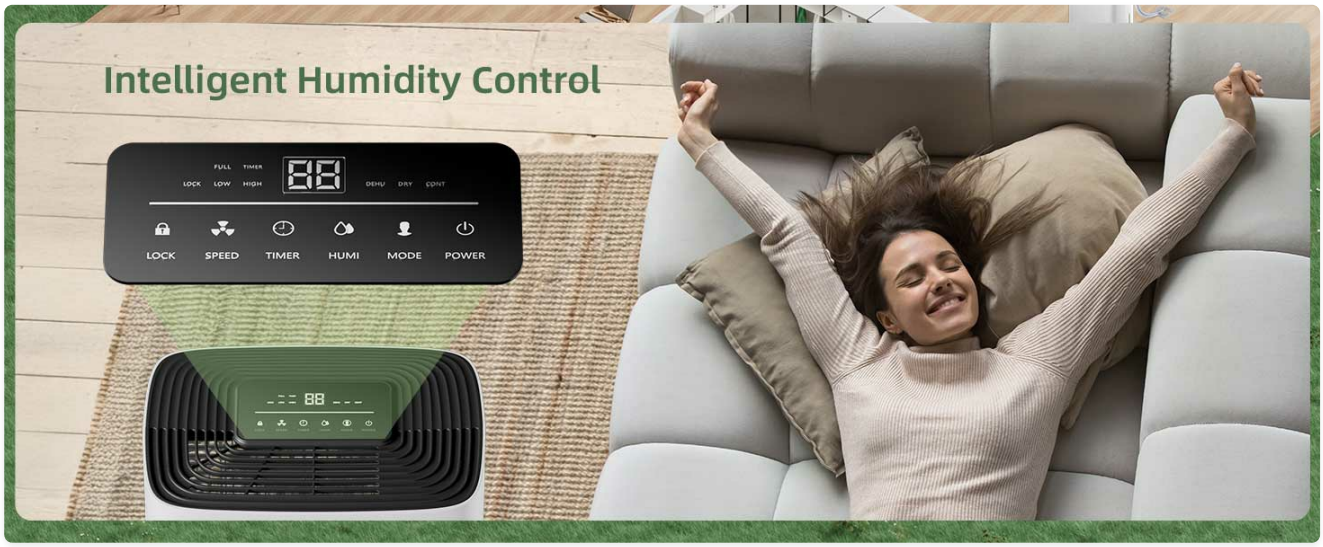


Figure 5.2: The control panel displaying humidity settings, emphasizing the intelligent humidity control feature.

5.4 Timer Function

Press the **TIMER** button to set an auto-on or auto-off timer from 1 to 24 hours. Each press increases the time by one hour. The timer indicator will illuminate when active.



Figure 5.3: The dehumidifier in a bedroom setting, illustrating its quiet operation and the 24-hour timer function for undisturbed sleep.

5.5 Fan Speed

Press the **SPEED** button to switch between High and Low fan speeds. A higher fan speed results in faster dehumidification but may produce more noise.

5.6 Child Lock

Press and hold the **LOCK** button for 3 seconds to activate or deactivate the child lock. When active, all other buttons on the control panel will be unresponsive.



Figure 5.4: The child lock feature, designed to prevent unintended changes to settings.

5.7 Front Prompt Light

The indicator light on the front of the unit changes color to reflect the current humidity level:

- **Blue:** Humidity 0% - 39%
- **Green:** Humidity 40% - 60%
- **Orange:** Humidity 61% - 80%

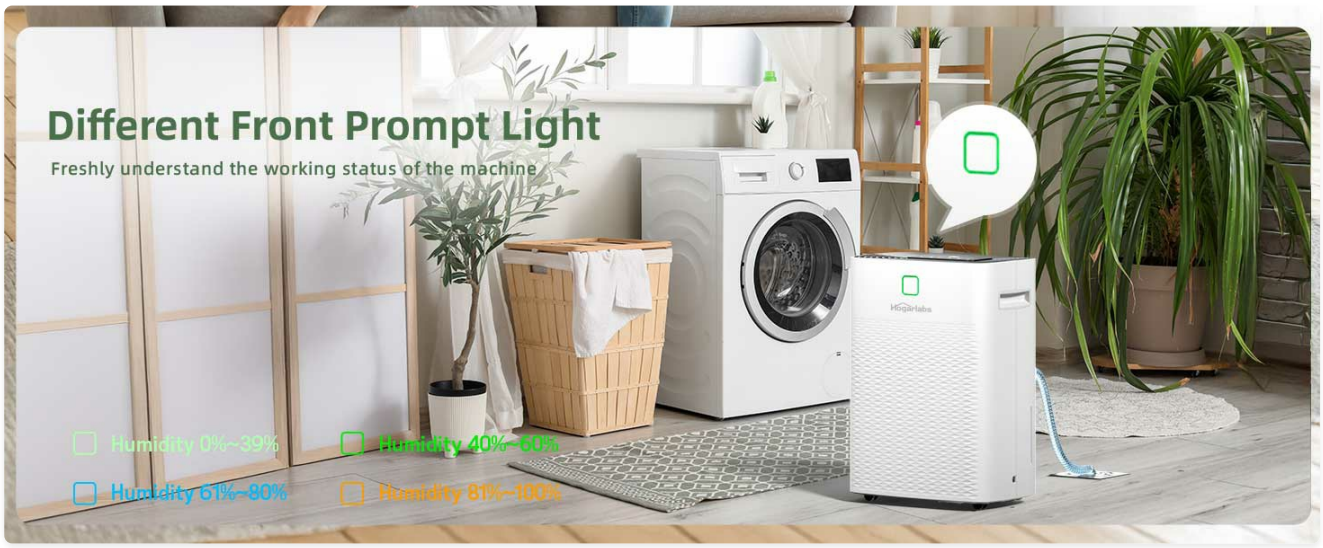


Figure 5.5: The front indicator light displaying different colors to show the current humidity status.

6. Drainage Options

Your dehumidifier offers two methods for water removal:

6.1 Manual Drainage (Water Tank)

When using the **DEHU** mode, condensed water collects in the 1.32-gallon (5L) water tank. The unit will automatically shut off and alert you when the tank is full. Carefully remove the tank, empty the water, and reinsert it securely to resume operation.

6.2 Continuous Drainage (Drain Hose)

For continuous operation without needing to empty the tank, especially in**CONT** mode, connect the included 3.28-foot drain hose to the drainage port on the back of the unit. Ensure the hose is directed downwards to a suitable drain (e.g., floor drain, large bucket) and that there are no kinks or blockages. When using continuous drainage, ensure the water pipe switch is tightened to prevent leakage.



Figure 6.1: Illustration of the two drainage options: manual drainage using the 1.32-gallon water tank and continuous drainage via the 3.28-foot drain hose.

7. Maintenance

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

7.1 Cleaning the Air Filter

The washable air filter should be cleaned every two weeks or more frequently depending on usage and air quality. A dirty

filter can reduce efficiency and airflow.

1. Turn off the dehumidifier and unplug it from the power outlet.
2. Remove the filter from the rear of the unit.
3. Wash the filter with warm, soapy water. Rinse thoroughly.
4. Allow the filter to air dry completely before reinserting it into the unit. Do not use a dryer or direct heat.

7.2 Cleaning the Unit

Wipe the exterior of the dehumidifier with a soft, damp cloth. Do not use harsh chemicals, abrasives, or solvents, as these can damage the surface. Clean the water tank regularly to prevent mold and mildew growth.

7.3 Storage

If storing the unit for an extended period, ensure the water tank is empty and clean, and the filter is clean and dry. Coil the power cord neatly. Store the unit upright in a cool, dry place, preferably in its original packaging.

8. Troubleshooting

Before contacting customer support, please refer to the following troubleshooting guide for common issues.

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply. Power cord not securely plugged in. Water tank full or not properly inserted.	Check power outlet and circuit breaker. Ensure power cord is firmly plugged in. Empty water tank and reinsert it correctly.
Dehumidifier not collecting water or not reducing humidity.	Air filter is dirty. Room temperature is too low. Humidity setting is too high. Unit size is too small for the space. Doors/windows are open.	Clean the air filter. Ensure room temperature is above 41°F (5°C). Lower the desired humidity setting. Ensure the unit is appropriately sized for the room. Close all doors and windows.
Unit is noisy.	Air filter is dirty. Unit is not on a level surface. Obstruction in air inlet/outlet.	Clean the air filter. Place the unit on a flat, stable surface. Check for and remove any obstructions.
Water leakage.	Water tank not properly inserted. Continuous drain hose is loose or clogged. Water pipe switch not tightened (for tank drainage).	Reinsert the water tank securely. Check hose connection and clear any blockages. Ensure hose is sloped downwards. Tighten the water pipe switch if using the tank.

9. Specifications

Feature	Specification
Brand	HOGARLABS
Model Name	PD10G-25
Dehumidification Capacity	80 Pints per Day (at 95°F, 90%RH)
Water Tank Volume	1.32 Gallons (5 Liters)
Humidity Control Range	30% - 80% RH
Number of Fan Speeds	2 (High, Low)
Timer	1-24 Hours
Noise Level	Up to 40dB
Material Type	Plastic
Special Features	Remove Moisture, Dry Clothes, Adjust humidity, 24 Hours Timer, Continuous Drain, Digital Control Panel, Washable Filter, Child Lock, Anti-spill, Universal Wheels
UPC	850062409873
ASIN	B0GY8YFVXK

10. Warranty and Customer Support

For warranty information, please refer to the warranty card included with your product or contact HOGARLABS customer support. If you encounter any issues not covered in this manual or require further assistance, please reach out to our customer service team. Contact details can typically be found on the product packaging or the official HOGARLABS website.

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