hOmeLabs HME1003

hOmeLabs 50 Pint Wi-Fi Dehumidifier Instruction Manual

Model: HME1003

1. Introduction

Thank you for choosing the hOmeLabs 50 Pint Wi-Fi Dehumidifier. This appliance is designed to efficiently remove excess moisture from your indoor environment, creating a more comfortable and healthier living space. Ideal for areas up to 7,000 square feet, it features smart Wi-Fi functionality for convenient control.

This manual provides essential information for the proper setup, operation, and maintenance of your dehumidifier. Please read it thoroughly before use and keep it for future reference.



Figure 1: hOmeLabs 50 Pint Wi-Fi Dehumidifier and its packaging.

2. Important Safety Information

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury to persons.

- Read all instructions before using the appliance.
- Use this appliance only for its intended purpose as described in this instruction manual.
- Ensure the power cord is properly connected to a grounded outlet.
- Do not operate the dehumidifier if the cord or plug is damaged.
- Keep the appliance away from heat sources and direct sunlight.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

3. Setup

3.1 Unpacking

Carefully remove the dehumidifier from its packaging. Retain all packaging materials for future storage or transport. Ensure all components are present before discarding packaging.

3.2 Placement

Place the dehumidifier on a flat, stable surface. The unit is equipped with convenient wheels for easy mobility. Ensure there is at least 8 inches of space around the unit for proper airflow.



Figure 2: The dehumidifier features built-in caster wheels for easy movement.

3.3 Power Connection

Plug the power cord into a grounded electrical outlet. The unit features a power cord storage bracket on the back for neat storage when not in use.



Figure 3: Power cord storage bracket on the back of the unit.

3.4 Drainage Options

Your dehumidifier offers two drainage options: manual emptying of the water tank or continuous drainage via a hose.

- **Built-In Tank:** The unit will operate until the 1.6-gallon tank is full, then automatically shut off. An indicator light will signal when the tank needs emptying.
- **Continuous Drainage:** For extended use without manual emptying, connect a standard garden hose (not included) to the continuous drainage outlet at the back of the unit. Ensure the hose is sloped downwards to allow gravity drainage.



Figure 4: Dual-option drainage for convenience.

Video 1: Official hOmeLabs Dehumidifier overview, demonstrating features including drainage options.

4. Operating Instructions

4.1 Control Panel Overview

The digital control panel on top of the unit provides easy access to all functions.

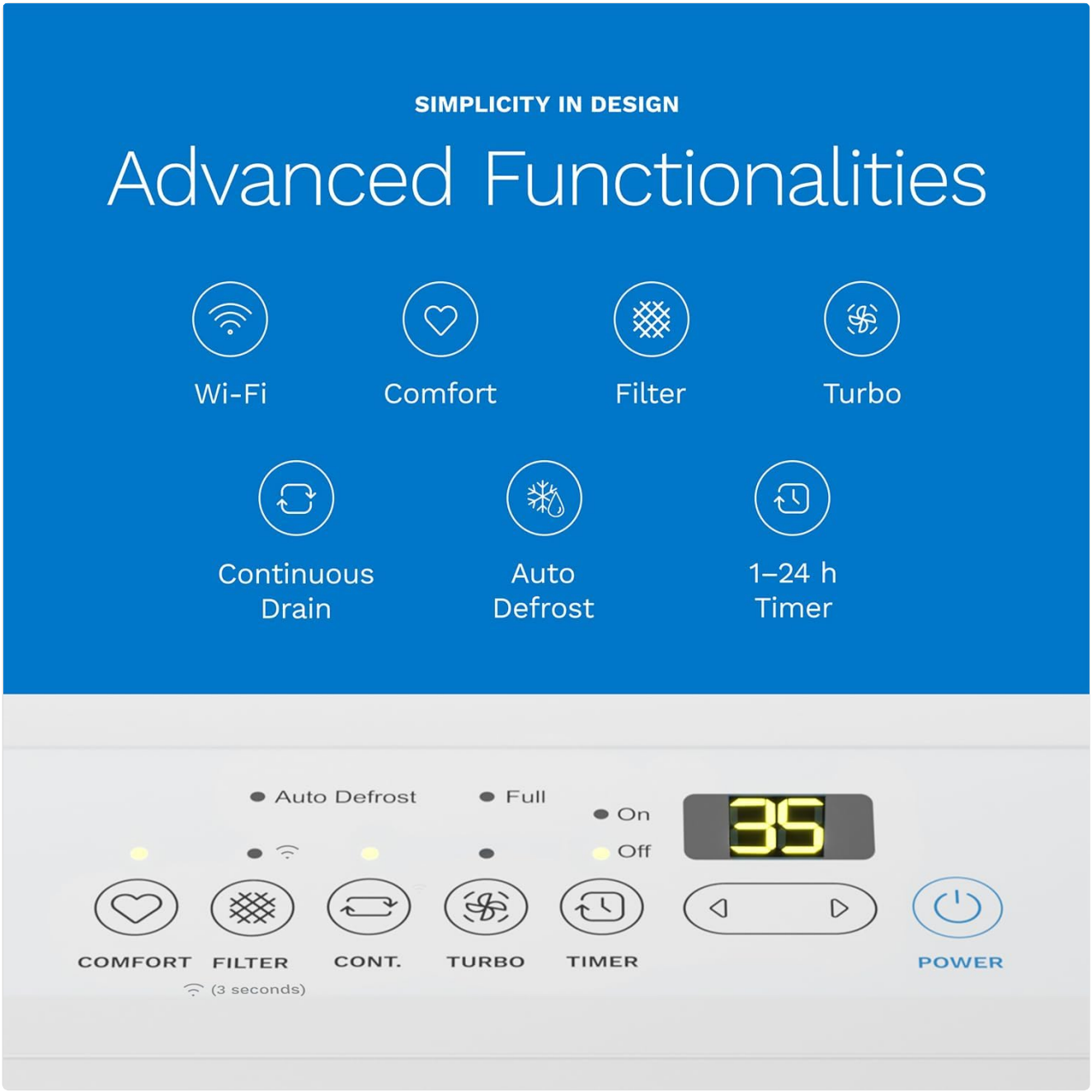

Figure 5: Detailed view of the dehumidifier's control panel.

4.2 Power On/Off

Press the **POWER** button to turn the unit on or off. The digital display will show the current humidity level when powered on.

4.3 Setting Humidity Level

Use the up and down arrow buttons next to the display to set your desired humidity level. The unit will operate until this level is reached, then cycle on and off to maintain it.

4.4 Operating Modes

- **Comfort Mode:** Press the **COMFORT** button (heart icon) to allow the dehumidifier to automatically adjust its operation based on the ambient temperature for optimal comfort.
- **Continuous Mode:** Press the **CONT.** button (two arrows forming a circle) for continuous operation, ideal for very damp conditions or when using continuous drainage.
- **Turbo Mode:** Press the **TURBO** button (fan icon with three blades) to maximize fan speed for rapid moisture removal.

4.5 Timer Function

Use the **TIMER** button (clock icon) to set a specific duration (1-24 hours) for the unit to operate before automatically turning off.

4.6 Wi-Fi Functionality

Connect your dehumidifier to your home Wi-Fi network to control it remotely via a smartphone app. This allows you to adjust settings and monitor humidity from anywhere.



Figure 6: Wi-Fi enabled smart functionality for remote control.

5. Maintenance

5.1 Emptying the Water Tank

When the water tank is full, the unit will automatically shut off and an indicator light will illuminate. Carefully pull out the water tank from the front of the unit, empty the collected water, and slide the tank back into place until it clicks securely.



Figure 7: Removing the water tank for emptying.

5.2 Cleaning the Air Filter

The air filter should be cleaned regularly (approximately every two weeks or when the **FILTER** indicator light illuminates) to ensure optimal performance. Remove the filter from the back of the unit, clean it with warm, soapy water or a vacuum cleaner, rinse thoroughly, and allow it to air dry completely before reinserting.



Figure 8: Cleaning the washable air filter.

5.3 Auto Defrost

The dehumidifier features an automatic defrost function. If frost builds up on the evaporator coils, the unit will temporarily stop dehumidifying and run the fan to melt the frost. The **Auto Defrost** indicator light will illuminate during this process.

6. Troubleshooting

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power supply; Power cord not plugged in; Tank full or not properly inserted.	Check power connection; Empty and reinsert water tank correctly.
Unit does not dehumidify.	Air filter clogged; Room temperature too low; Humidity setting too high.	Clean air filter; Ensure room temperature is above 41°F (5°C); Lower humidity setting.
Unit is noisy.	Unit not on a level surface; Air filter clogged.	Place unit on a flat, stable surface; Clean air filter.
Water leaks from the unit.	Water tank not properly inserted; Continuous drain hose is loose or clogged.	Reinsert water tank; Check hose connection and ensure it's not clogged.

7. Specifications

Feature	Detail
Brand	hOmeLabs
Model Name	hOmeLabs
Item Model Number	HME1003
UPC	810049721695
Floor Area Coverage	7000 Square Feet
Dehumidification Capacity	50 Pints per Day (at 80°F, 60%RH) / 120 Pints MAX (at 95°F, 90%RH)
Tank Volume	1.6 Gallons
Product Dimensions	26"D x 13.3"W x 17.25"H
Item Weight	46.2 pounds
Number of Speeds	2
Special Features	Adjustable Humidity Control, Automatic Defrost, Automatic Moisture Removal, Automatic Shutoff, Bucket Storage, Digital Display, Portable, Quiet Operation, Removable Tank, Timer, Washable Filter, Wi-Fi Enabled

8. Warranty Information

The hOmeLabs 50 Pint Wi-Fi Dehumidifier comes with a standard one-year manufacturer warranty. You may qualify for an additional 6 months of warranty coverage by registering your unit on the hOmeLabs website.

9. Customer Support

For any questions, troubleshooting assistance, or warranty claims, please visit the official hOmeLabs website at www.homelabs.com or refer to the comprehensive User Manual (PDF) available for download.

You can access the User Manual PDF directly via this link:hOmeLabs Dehumidifier User Manual

© 2024 hOmeLabs. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question