hOmeLabs HME0091

hOmeLabs 1,000 Sq. Ft Portable Wi-Fi Dehumidifier User Manual

Model: HME0091 | Brand: hOmeLabs

1. INTRODUCTION

Thank you for choosing the hOmeLabs 1,000 Sq. Ft Portable Wi-Fi Dehumidifier. This appliance is designed to efficiently remove excess moisture from your indoor spaces, helping to prevent issues like mold, mildew, and musty odors. Its compact design, quiet operation, and smart Wi-Fi capabilities make it an ideal solution for maintaining optimal humidity levels in bedrooms, bathrooms, offices, and other areas up to 1,000 square feet. Please read this manual thoroughly before operation to ensure safe and effective use of your new dehumidifier.

2. SAFETY INFORMATION

Your safety and the safety of others are very important. We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.

- **Electrical Safety:** Always plug the dehumidifier directly into a grounded wall outlet. Do not use extension cords or power strips. Ensure the power cord is not pinched or damaged.
- **Placement:** Place the unit on a level, stable surface. Maintain at least 8 inches (20 cm) of clear space around all sides of the unit for proper airflow. Do not block air inlets or outlets.
- **Initial Setup:** After transport, allow the unit to stand upright for at least 24 hours before plugging it in. This allows the refrigerant to settle.
- **Maintenance:** Always unplug the dehumidifier before performing any maintenance, cleaning, or when removing the water tank.
- **Children and Pets:** Keep the appliance out of reach of children and pets. Do not allow them to play with or operate the unit.
- **Flammable Materials:** Keep the unit away from flammable materials, gases, or combustible substances.
- **Water Spillage:** If water spills into the unit, immediately unplug it and contact customer support.

3. Product Features and Components

The hOmeLabs Portable Wi-Fi Dehumidifier is designed with user convenience and efficiency in mind. Key features include:

- **Powerful Moisture Removal:** Removes up to 8 pints (1 gallon) of moisture daily, suitable for areas up to 1,000 sq. ft.
- **Compact & Ultra-Quiet:** Operates at a low 36dB, making it ideal for quiet environments like bedrooms and nurseries.
- **Hassle-Free Drainage:** Features a 3.3ft drain hose for continuous drainage, eliminating the need for manual tank emptying.
- **Energy-Efficient & Smart Control:** Designed to reduce electricity costs and includes Wi-Fi connectivity for remote control via app or voice assistants.
- **Safe & Easy to Maintain:** Equipped with auto shut-off to prevent overflow, a removable water tank, and washable filters. Portable handle for easy movement.

Figure 3.1: The hOmeLabs 1,000 Sq. Ft Portable Wi-Fi Dehumidifier and its product packaging.

Huge Performance

Streamlined Design, Compact Form

Dehumidifier

8 Pint

homelabs

+HANDLE
2.3 in

16.1 in

7.5 in

11.0 in

Figure 3.2: Product dimensions showing height of 16.1 inches, width of 11.0 inches, and depth of 7.5 inches.

SMART HOME COMPATIBLE

Wi-Fi Function

Connect Your Device to Home Wi-Fi and Regulate
Your Climate Anywhere, Anytime

works with **Google** Home

works with **alexa**

App Control

Figure 3.3: The dehumidifier features Wi-Fi connectivity, compatible with Google Home and Alexa for app control.

Figure 3.4: Compact design allows for placement in various rooms, including bedrooms, with ultra-quiet 38 dB operation.

SIMPLICITY IN DESIGN

Advanced Functionalities

Continuous Drain

Auto Defrost

1–24 h Timer

Comfort

Turbo

Wi-Fi

Cont.
Timer
Tank full

TIMER

35

Dry
Turbo
Comfort
Wi-Fi

5 seconds

MODE

Figure 3.5: The control panel displays current humidity and offers modes for Continuous Drain, Auto Defrost, Timer, Comfort, Turbo, and Wi-Fi.

WATER TANK CAPACITY

0.4 Gallons

Efficiently Processes up to 3.4 Gal of Moisture Per Day (95°F, 90% RH)

Up to
8 Pint

hOmeLabs

Figure 3.6: The dehumidifier has an 8-pint (0.4 gallon) water tank, efficiently processing up to 3.4 gallons of moisture per day.

Dual-Option Drainage
Manual or Continuous for Complete Convenience

Built-In Tank

Gravity Drain Hose

Drain Hose Included (3.3 ft)

Figure 3.7: The unit offers dual drainage options: a built-in tank for manual emptying or a gravity drain hose (3.3 ft included) for continuous drainage.

4. SETUP

4.1 Unpacking and Placement

1. Carefully remove the dehumidifier from its packaging.

2. Place the unit upright on a firm, level surface in the desired location. Ensure there is at least 8 inches (20 cm) of space around all sides for proper air circulation.

3. Allow the unit to stand upright for a minimum of 24 hours before plugging it into a power outlet. This is crucial for the refrigerant system to stabilize after shipping.

4.2 Power Connection

- Ensure the power cord is fully extended and free from kinks or damage.
- Plug the three-prong power cord directly into a grounded 120V AC, 60Hz electrical outlet. Do not use adapter plugs or extension cords.

4.3 Drainage Options

Your dehumidifier offers two drainage methods:

- **Manual Drainage (Built-in Tank):** The unit will collect water in its internal 8-pint water tank. When the tank is full, the unit will automatically shut off and an indicator light will illuminate. You will need to manually empty the tank.
- **Continuous Drainage (Drain Hose):** For continuous operation without manual emptying, attach the included 3.3ft drain hose to the continuous drain port on the back of the unit. Route the hose to a floor drain or a larger container, ensuring the hose is sloped downwards to allow gravity to drain the water.

5. OPERATING INSTRUCTIONS

5.1 Control Panel Overview

The control panel is located on the top of the unit (refer to Figure 3.5 for visual reference). It features a digital display and various buttons for controlling the dehumidifier's functions.

- **Power Button:** Turns the unit ON or OFF.
- **Humidity Setting Buttons (+/-):** Adjusts the desired humidity level (e.g., 35% to 80% Relative Humidity).
- **Mode Button:** Cycles through different operating modes:
    - **Dry:** Standard dehumidification mode.
    - **Turbo:** Maximizes moisture removal for faster results.
    - **Comfort:** Automatically adjusts humidity based on ambient temperature for optimal comfort.
- **Timer Button:** Sets a delay start or delay stop time (1-24 hours).
- **Wi-Fi Indicator:** Shows Wi-Fi connection status.
- **Tank Full Indicator:** Illuminates when the water tank is full and needs emptying.
- **Cont (Continuous) Indicator:** Illuminates when continuous drainage is active.

5.2 Basic Operation

1. Press the **Power Button** to turn on the dehumidifier. The display will show the current room humidity.
2. Use the **+/- Buttons** to set your desired humidity level. The unit will operate until the set humidity is reached, then cycle on and off to maintain it.
3. Press the **Mode Button** to select your preferred operating mode (Dry, Turbo, Comfort).
4. To set a timer, press the **Timer Button** and use the **+/- Buttons** to select the desired hours for delay start or stop.

5.3 Wi-Fi Function Setup

To control your dehumidifier remotely via the hOmeLabs app or voice assistants (Google Home, Alexa), follow

these general steps:

1. Download the hOmeLabs app from your smartphone's app store.
2. Create an account or log in.
3. Follow the in-app instructions to add your dehumidifier. This typically involves putting the dehumidifier into pairing mode (often by pressing and holding the Wi-Fi button or a combination of buttons for a few seconds) and connecting it to your home Wi-Fi network.
4. Once connected, you can control settings, monitor humidity, and set schedules from anywhere.

Note: No official seller videos demonstrating operation or Wi-Fi setup were available for embedding based on provided data.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your dehumidifier.

6.1 Emptying the Water Tank

1. When the "Tank Full" indicator illuminates, the unit will stop operating.
2. Gently pull out the water tank from the front of the unit.
3. Carefully carry the tank to a sink or drain and empty the collected water.
4. Slide the empty tank back into the unit until it clicks into place. The unit will resume operation.

6.2 Cleaning the Air Filter

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

1. Unplug the dehumidifier from the power outlet.
2. Locate the air filter (usually at the back or side of the unit, behind a removable grille).
3. Remove the filter.
4. Wash the filter with warm, soapy water or vacuum it to remove dust and debris.
5. Rinse thoroughly and allow the filter to air dry completely before reinserting it.
6. Replace the dry filter and close the grille.

6.3 General Cleaning

- Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Clean the water tank periodically to prevent mold or mildew growth.

7. TROUBLESHOOTING

If you encounter issues with your dehumidifier, please refer to the following common problems and solutions before contacting customer support.

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power, power cord loose, tank full, temperature too low.	Check power connection. Empty water tank. Ensure room temperature is above 41°F (5°C).
Unit is running but not collecting water.	Humidity level set too high, air filter clogged, room temperature too low, unit in defrost mode.	Lower desired humidity setting. Clean air filter. Ensure room temperature is adequate. Allow unit to complete defrost cycle.
Unit is noisy.	Unit not level, air filter clogged, fan obstruction.	Place unit on a level surface. Clean air filter. Check for obstructions around fan.
"Tank Full" indicator is on, but tank is not full.	Water tank not properly seated, float switch stuck.	Re-insert water tank firmly. Gently shake the tank to free the float switch.

8. SPECIFICATIONS

Specification	Detail
Brand	hOmeLabs
Model Name	hOmelabs - Dehumidifier - 8 Pint - WIFI
Model Number	HME0091
Dehumidification Capacity	8 Pints per Day
Floor Area Coverage	1000 Square Feet
Tank Volume	8 Pints (0.4 Gallons)
Product Dimensions (D x W x H)	7.5"D x 11"W x 16.1"H
Item Weight	22.3 Pounds
Operation Mode	Automatic
Special Feature	Continuous Draining, Quiet Operation, Wi-Fi Enabled
Color	White
UPC	810049721824

9. WARRANTY AND CUSTOMER SUPPORT

For warranty information or if you require further assistance with your hOmeLabs dehumidifier, please refer to the warranty card included with your product or visit the official hOmeLabs website. You can also contact their customer support team directly for technical assistance, troubleshooting, or parts replacement.
Please retain your proof of purchase for warranty claims.