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> [WHOY Dehumidifier Model WHOY-1030-W User Manual](#)

## WHOY WHOY-1030-W

# WHOY Dehumidifier Model WHOY-1030-W User Manual

High-Performance Dehumidifier for Basements and Large Spaces

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## 1. INTRODUCTION

This manual provides instructions for the safe operation and maintenance of your WHOY Dehumidifier, Model WHOY-1030-W. Please read this manual thoroughly before using the appliance and retain it for future reference.

The WHOY Dehumidifier is designed to remove excess moisture from the air, creating a more comfortable and healthy environment. It features smart controls, efficient operation, and is suitable for large areas up to 6,000 sq. ft.

## 2. IMPORTANT SAFETY INSTRUCTIONS

**WARNING:** To reduce the risk of fire, electric shock, or injury, observe the following safety precautions:

- Read all instructions before using this appliance.
- Do not operate any appliance with a damaged cord or plug.
- Ensure the power supply matches the voltage specified on the rating label.
- Do not block air inlets or outlets.
- Always place the dehumidifier on a level, stable surface.
- Unplug the appliance before cleaning or servicing.
- Do not use in areas where flammable liquids or gases are stored.
- Keep children and pets away from the appliance.
- Do not immerse the unit in water or other liquids.

## 3. PACKAGE CONTENTS

- WHOY Dehumidifier Unit
- Drain Hose

- User Manual

## 4. PRODUCT OVERVIEW AND COMPONENTS

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Figure 4.1: Front view of the WHOY Dehumidifier with its control panel and a smartphone displaying the app interface.

# Fully Featured Dehumidifier

Smartly Runs on Its Own



Auto Defrosting



Power-Off  
Memory Restart



24-Hour Auto-  
On/off Timer



Compressor  
Protection



Overflow  
Protection



App Control



Washable Filter



Figure 4.2: Side view of the WHOY Dehumidifier highlighting its dimensions (24.8 inches height, 13.39 inches width, 10.83 inches depth) and key features such as Auto Defrosting, Power-Off Memory Restart, 24-Hour Timer, Compressor Protection, Overflow Protection, App Control, and Washable Filter.

## Control Panel Features:

- **Power Button:** Turns the unit on/off.
- **Mode Button:** Cycles through operating modes (Hum Set, Turbo, Auto).
- **Humidity Setting Buttons:** Adjusts desired humidity level.
- **Timer Button:** Sets the auto on/off timer.
- **Display Screen:** Shows current humidity, temperature, and settings.

## 5. SETUP

### 5.1 Unpacking

1. Carefully remove the dehumidifier from its packaging.

2. Remove all packing materials and ensure no components are missing.
3. Place the unit upright on a flat, stable surface. Allow it to stand for at least 24 hours before plugging it in, especially if it was transported on its side.

## 5.2 Positioning the Dehumidifier

- Ensure there is at least 8 inches (20 cm) of space around the unit for proper airflow.
- Do not place the unit near heat-generating appliances or in direct sunlight.
- For optimal performance, close all doors and windows in the room where the dehumidifier is operating.



Figure 5.1: The WHOY Dehumidifier positioned in a living room, illustrating the air intake and exhaust for effective moisture removal across a large area.

## 6. OPERATING INSTRUCTIONS

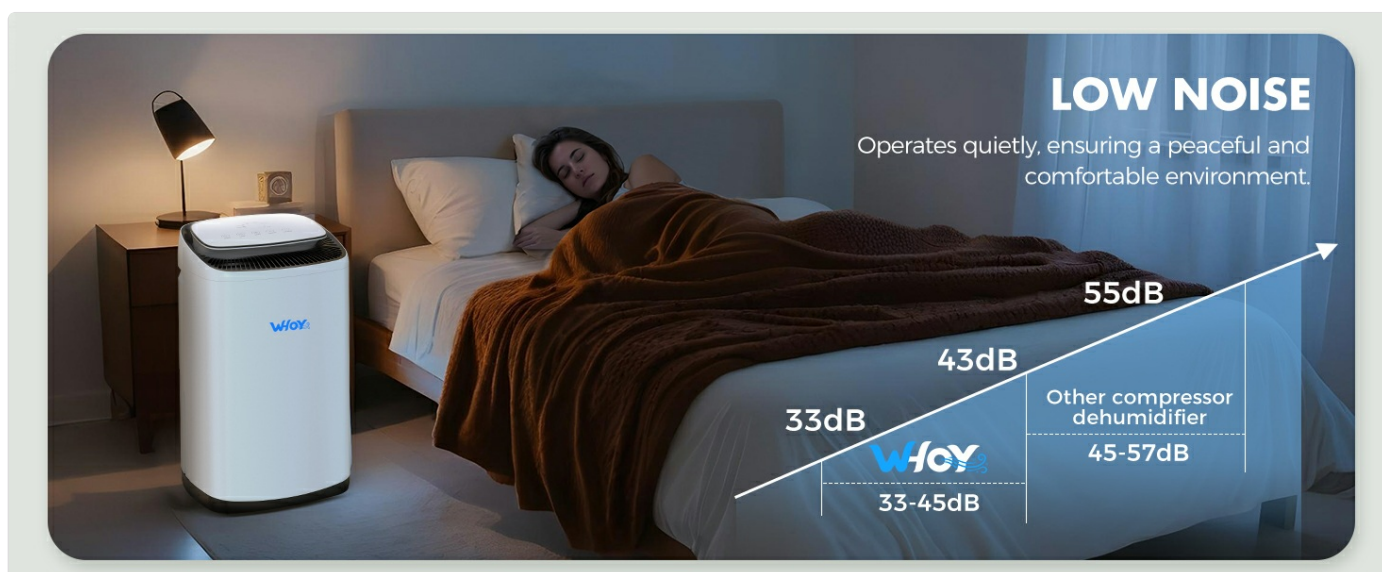
### 6.1 Initial Power On

1. Plug the power cord into a grounded electrical outlet.
2. Press the **Power Button** on the control panel to turn on the unit. The display will show the current humidity level.

## 6.2 Operating Modes

Press the **Mode Button** to cycle through the available operating modes:

- **Hum Set Mode:** Allows you to manually set your desired humidity level (e.g., 30%-90% RH). The unit will operate until the set humidity is reached, then cycle on/off to maintain it.
- **Turbo Mode:** Operates at maximum fan speed and dehumidification capacity (129.5 CFM) for rapid moisture removal or quick clothes drying.
- **Auto Mode:** Automatically balances humidity levels and adjusts fan speed for hassle-free operation. The unit will operate based on predefined humidity thresholds (e.g., >70% RH: High Power; 55-70% RH: Low Power; <55% RH: Compressor Off).



**Figure 6.1:** Visual representation of the three customized comfort modes: Hum Set Mode for adjustable humidity, Turbo Mode for quick drying, and Auto Mode for automatic humidity balance.

## 6.3 Setting Desired Humidity

In Hum Set Mode, use the humidity setting buttons (usually Up/Down arrows) to select your desired humidity level. The unit will aim to maintain this level.

## 6.4 Timer Function

Press the **Timer Button** to set a specific time for the unit to turn on or off. This allows for scheduled operation and energy conservation.



**Figure 6.2:** The 24-hour timer and scheduling feature allows users to set specific start and stop times for operation, optimizing energy use.

## 6.5 Smart App Control

The dehumidifier can be controlled remotely via a smartphone app. Download the WHOY app from your device's app store. Follow the in-app instructions to pair your device with the dehumidifier.

- Monitor current humidity and temperature.
- Adjust operating modes and humidity settings.
- Set timers and schedules.
- Receive notifications (e.g., water tank full).



**Figure 6.3:** The smartphone app allows for remote control and monitoring of the dehumidifier from anywhere in your home.

## 6.6 Power-Off Memory Function

The unit features a power-off memory function. In case of a power outage, the dehumidifier will automatically resume operation with the last settings once power is restored.

## 7. DRAINAGE OPTIONS

### 7.1 Water Tank Drainage

The dehumidifier collects water in a 2.15-gallon (8-liter) internal water tank. When the tank is full, the unit will automatically shut off and an alarm will sound. To empty the tank:

1. Gently pull out the water tank from the side of the unit.
2. Carefully empty the collected water into a sink or drain.
3. Slide the empty tank back into the unit until it clicks into place. The unit will resume operation.

## 7.2 Continuous Drainage

For continuous operation without needing to empty the water tank, use the included drain hose.

1. Locate the continuous drain outlet on the back or side of the dehumidifier.
2. Remove the rubber stopper (if present).
3. Connect one end of the drain hose to the outlet. Ensure a secure connection.
4. Route the other end of the hose to a suitable drain (e.g., floor drain, sink). Ensure the hose is sloped downwards to allow gravity drainage and is free of kinks.



Figure 7.1: The dehumidifier offers both water tank collection and continuous drainage options using the provided hose.

## 8. MAINTENANCE

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

### 8.1 Cleaning the Air Filter

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

1. Turn off the dehumidifier and unplug it from the power outlet.
2. Locate the air filter cover (usually on the back or side of the unit).
3. Remove the filter.
4. Wash the filter with warm, soapy water. Rinse thoroughly.
5. Allow the filter to air dry completely before reinstalling. Do not use a dryer or direct heat.
6. Reinsert the dry filter and close the cover.

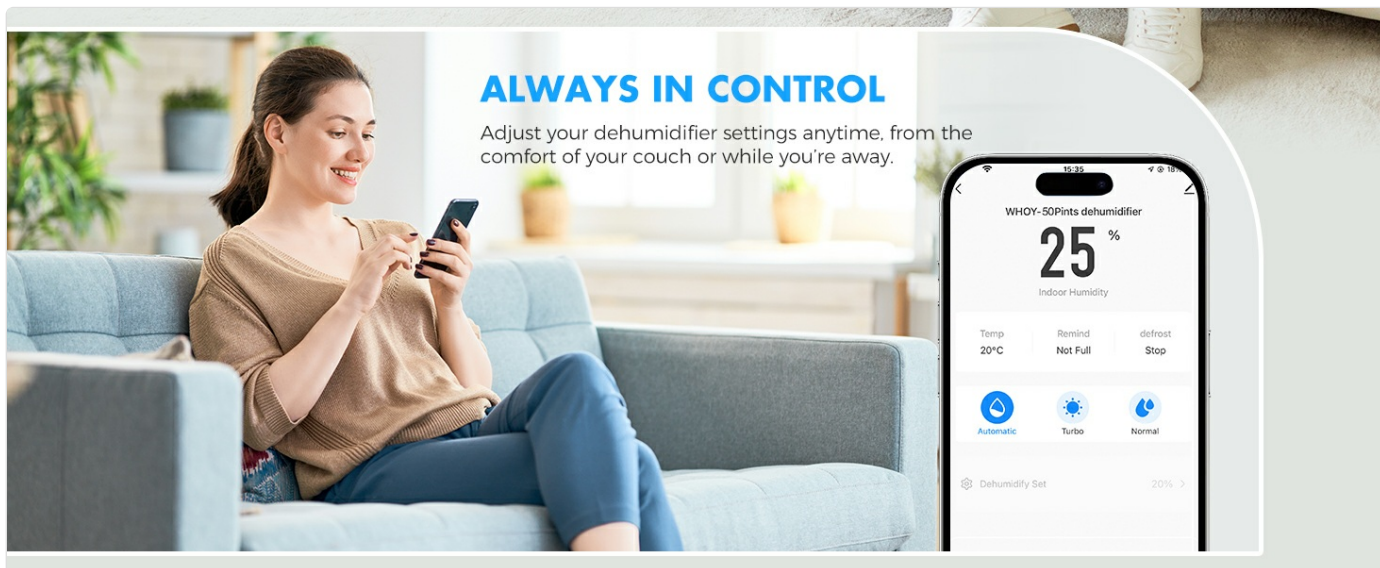


Figure 8.1: The removable and washable filter can be easily detached, rinsed, and reattached for hassle-free maintenance.

## 8.2 Cleaning the Unit Exterior

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

## 8.3 Storage

If storing the dehumidifier for an extended period:

1. Empty the water tank and ensure it is completely dry.
2. Clean the air filter.
3. Wrap the power cord neatly.
4. Cover the unit to protect it from dust.
5. Store in a cool, dry place.

## 9. TROUBLESHOOTING

| Problem                        | Possible Cause  | Solution   |
|--------------------------------|---|--|
| Dehumidifier does not turn on. | No power; Water tank full; Temperature too low.                       | Check power connection; Empty water tank; Ensure room temperature is above 42°F (5°C). |
| No water collected.            | Humidity level too low; Air filter clogged; Room temperature too low. | Adjust desired humidity; Clean air filter; Ensure room temperature is adequate.        |
| Unit is noisy.                 | Unit not on a level surface; Air filter clogged.                      | Place on a flat surface; Clean air filter.   |

| Problem   | Possible Cause                                | Solution  |
|---|---|---|
| Frost appears on coils.                             | Operating in low temperatures.                | This is normal. The unit has an automatic defrost function. Allow it to complete the defrost cycle. |
| App control not working.                            | Wi-Fi connectivity issues; Incorrect pairing. | Check Wi-Fi signal; Re-pair the device following app instructions.                                  |
| Water tank full alarm sounds, but tank is not full. | Float switch malfunction or obstruction.      | Check the float switch for any obstructions and ensure it moves freely.                             |

## 10. SPECIFICATIONS

| Feature                        | Detail  |
|--------------------------------|---|
| Brand                          | WHOY  |
| Model Name                     | WHOY-1030-W   |
| Dehumidification Capacity      | 120 Pints/Day (95°F, 95%RH) / 80 Pints/Day (86°F, 80%RH)  |
| Coverage Area                  | Up to 6,000 Sq. Ft.   |
| Water Tank Volume              | 2.15 Gallons (8 Liters)   |
| Operating Temperature Range    | As low as 42°F (5.5°C)  |
| Noise Level                    | 43dB (lowest setting)   |
| Product Dimensions (D x W x H) | 26.57"D x 16.53"W x 16.53"H   |
| Item Weight                    | 35.2 lbs  |
| Material                       | Acrylonitrile Butadiene Styrene (ABS)   |
| Special Features               | Adjustable Humidity Control, Automatic Shutoff, Portable, Quiet Operation, Removable Tank, Washable Filter, Water Level Indicator, Bucket Storage, Timer, Drain Hose Outlet, Comfort Operation, Continuous Operation, Automatic Defrost, Automatic Moisture Removal, Standard Mode, Turbo Mode, App Control, Power-Off Memory |

## 11. WARRANTY AND SUPPORT

WHOY provides the following warranty for this product:

- **Unit Warranty:** 2 years from the date of purchase.
- **Compressor Warranty:** 3 years from the date of purchase.

This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from

misuse, accident, unauthorized modification, or improper installation.

For warranty claims or technical support, please contact WHOY customer service. Contact information can typically be found on the official WHOY website or through your purchase platform.

