

DREO DR-HDH003S

DREO DR-HDH003S Smart Dehumidifier User Manual

Model: DR-HDH003S | Brand: DREO

INTRODUCTION

This manual provides essential information for the safe operation, installation, maintenance, and troubleshooting of your DREO DR-HDH003S Smart Dehumidifier. Please read this manual thoroughly before using the appliance and retain it for future reference.

IMPORTANT SAFETY INSTRUCTIONS

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

- Read all instructions before using the dehumidifier.
- Do not operate the dehumidifier 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.
- Keep the appliance away from heat sources and direct sunlight.
- Always unplug the dehumidifier before cleaning or performing any maintenance.
- Do not use the appliance in wet areas such as bathrooms or laundry rooms where it may come into contact with water.
- 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.
- Children should be supervised to ensure that they do not play with the appliance.
- Only use attachments recommended by the manufacturer.
- Do not use chemical solvents (e.g., benzene, alcohol, gasoline) to clean the dehumidifier.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.

PACKAGE CONTENTS

- DREO DR-HDH003S Smart Dehumidifier
- Drain Hose
- User Manual (this document)

SETUP GUIDE

1. Unpacking and Placement

Carefully remove the dehumidifier from its packaging. Place the unit upright on a level surface. Allow the unit to stand upright for at least 24 hours before initial use to allow the refrigerant to settle.

Ensure there is at least 8 inches (20 cm) of space around the unit for proper airflow.



Image: DREO DR-HDH003S Dehumidifier positioned in a room, showing its compact design.

2. Power Connection

Plug the power cord into a grounded electrical outlet. Ensure the voltage matches the specifications of the dehumidifier.

3. App Download and Account Creation

To utilize smart features, download the DREO app on your smartphone.

Your browser does not support the video tag.

Video: Instructions on how to download the DREO app and create a new account.

4. Connecting to the DREO App

Follow the in-app instructions to connect your dehumidifier to your Wi-Fi network. This enables remote control and monitoring features.

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Video: Guide on connecting the DREO Smart Dehumidifier model 733S to the DREO app.

OPERATING INSTRUCTIONS

Control Panel Overview

The control panel allows you to manage all functions of the dehumidifier. Refer to the diagram below for button identification.



Image: Detailed view of the dehumidifier's control panel, showing the digital humidity display and function buttons.

Setting Desired Humidity

In Auto Mode, the dehumidifier will automatically adjust its operation to maintain the set humidity level. Use the humidity adjustment buttons on the control panel or the DREO app to set your desired humidity between 30% and 80% RH.



Image: The dehumidifier features an RGB indicator light that changes color based on the current humidity level: Yellow ($\leq 34\%$), Green (35-64%), Blue ($\geq 65\%$).

Fan Speed Adjustment

The unit offers 3 fan speeds. Select a higher speed for faster dehumidification or a lower speed for quieter operation.

Timer Function

Use the timer function to set the dehumidifier to turn on or off automatically after a specified period (1-24 hours).

Drainage Options

Your dehumidifier offers two drainage methods:

1. **Manual Drainage:** The 7L (1.85 gallon) water tank collects moisture. When full, the unit will alert you and automatically shut off. Carefully remove the tank, empty it, and reinsert it to resume operation.
2. **Continuous Drainage:** For extended operation without manual emptying, attach the included drain hose to the continuous drain port and direct it to a suitable drain.

Dehumidify More. Save More.



ENERGY STAR 6.0 (2026)

Certified for Higher Efficiency

30%↓

More Savings than DOE

\$292↓

More Yearly Savings*

*Compared to the 2019 DOE standard, based on an average electricity cost of \$0.18/kWh, running 24 hours a day for 365 days.

Image: The dehumidifier with its water tank pulled out for manual emptying.



Image: Rear view of the dehumidifier illustrating the connection point for the continuous drain hose.

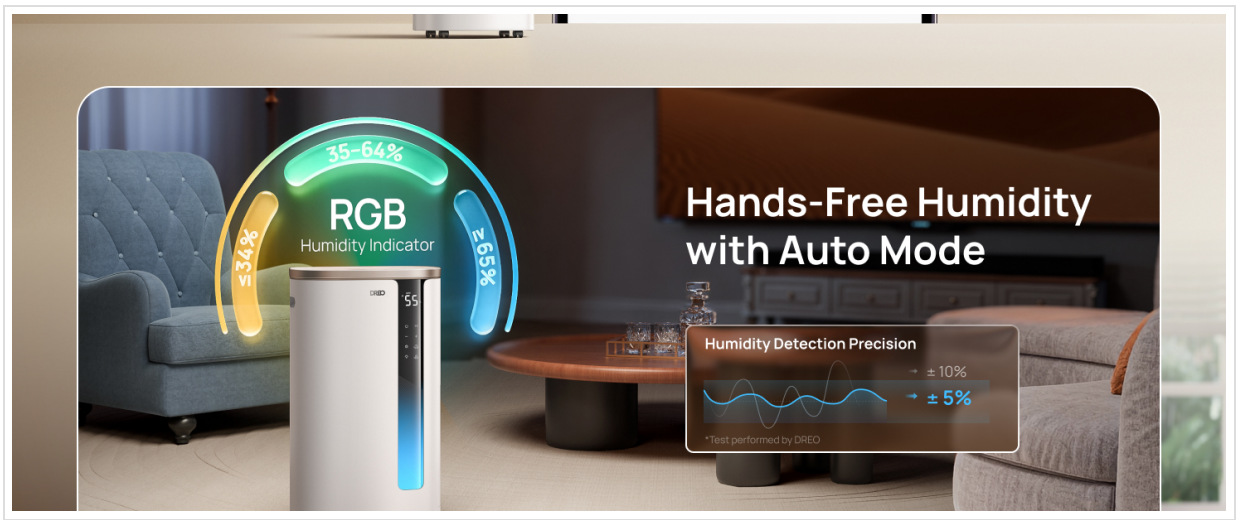


Image: Visual representation of the two drainage options: manual tank emptying and continuous drainage via hose.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your dehumidifier.

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. Remove the filter from the back of the unit.
3. Wash the filter with clean water and a mild detergent.
4. Allow the filter to air dry completely before reinstalling.
5. Reinsert the dry filter into the unit.

Auto Mode Keeps Humidity Under Control



Image: A user cleaning the washable air filter under a faucet.

2. Cleaning the Water Tank

Clean the water tank regularly to prevent mold and mildew growth.

1. Remove the water tank from the unit.
2. Empty any collected water.
3. Wash the tank with clean water and a mild detergent.
4. Rinse thoroughly and dry before placing it back into the dehumidifier.

TROUBLESHOOTING GUIDE

If you encounter issues with your dehumidifier, refer to the following table for common problems and solutions.

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power supply; Power cord not plugged in; Water tank full or incorrectly installed.	Ensure unit is plugged into a live outlet; Check circuit breaker; Empty and correctly reinsert water tank.
Unit is running but not removing moisture.	Air filter clogged; Room temperature too low; Humidity setting too high.	Clean the air filter; Ensure room temperature is above 41°F (5°C); Lower the desired humidity setting.
Unit is noisy.	Unit not on a level surface; Air filter clogged; Obstruction in fan.	Place unit on a firm, level surface; Clean the air filter; Check for and remove any obstructions.
Water leaks from the unit.	Water tank not properly installed; Continuous drain hose is loose or clogged.	Reinstall water tank correctly; Check continuous drain hose for proper connection and blockages.
Wi-Fi connection issues.	Incorrect Wi-Fi password; Router too far; App issues.	Verify Wi-Fi password; Move unit closer to router; Restart app and device. Refer to app connection videos.

SPECIFICATIONS

Feature	Detail
Brand	DREO
Model Name	DR-HDH003S
Floor Area Coverage	Up to 2000 sq ft
Dehumidification Capacity	73 pints per day (95°F, RH90%)
Water Tank Capacity	7 liters (1.85 gallons)
Noise Level	41dB (lowest setting)
Fan Speeds	3
Special Features	Adjustable Humidity Control, Portable, Timer, Washable Filter, Smart App Control, Auto Shut-off, Auto Defrost, Child Lock, Thermal Protection, Overcurrent Protection

Feature	Detail
Product Dimensions (D x W x H)	9.17"D x 14.57"W x 24.49"H
Item Weight	33 pounds
Material	Plastic
UPC	810142855792

WARRANTY AND SUPPORT

Warranty Information

This DREO DR-HDH003S Smart Dehumidifier comes with a 12-MONTH LIMITED WARRANTY from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

The warranty does not cover damage resulting from:

- Accident, misuse, or unauthorized repairs.
- Operation with incorrect voltage.
- Normal wear and tear.
- Failure to follow operating instructions.

Customer Support

For any questions, assistance, or warranty claims, please contact DREO customer support. Refer to the official DREO website or your purchase documentation for contact details.