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› FRESHDEW Dehumidifier, 50 Pints Dehumidifiers for Home, 4500 Sq. Ft Dehumidifiers with Drain Hose, 0.66 Gallon Water Tank for Basement Bathroom Bedroom, 24H Timer Instruction Manual

FRESHDEW PD8R-03BE

FRESHDEW Dehumidifier Instruction Manual

Model: PD8R-03BE

1. INTRODUCTION

Product Overview

The FRESHDEW Dehumidifier is an advanced appliance designed to efficiently remove excess moisture from your home, maintaining an ideal humidity level between 45% and 55%. It features a powerful built-in condensing compressor capable of extracting up to 50 pints of moisture per day, suitable for areas up to 4500 square feet. This unit is ideal for basements, offices, living rooms, bedrooms, garages, laundry rooms, closets, and RVs.



Figure 1: Front view of the FRESHDEW 50 Pints Dehumidifier.

2. SAFETY INFORMATION

Please read this manual thoroughly before operating the dehumidifier. Keep doors and windows closed during operation for best results. Ensure the unit rests upright for 24 hours after unboxing before its first use. The dehumidifier is designed to operate in environments between 41°F (5°C) and 95°F (32°C).

3. PRODUCT COMPONENTS

Control Panel Overview

The FRESHDEW dehumidifier features a touch-sensitive smart screen for user-friendly operation. The control panel includes buttons for humidity setting, timer, fan speed, and power.

High Efficiency Dehumidifier

50 Pints Daily under 95°F, 90% RH



Figure 2: Top view of the dehumidifier's control panel with various settings.

Other Features

- **Removable 360° Wheels:** For easy mobility and placement.
- **Easy-Carry Hidden Handle:** Integrated into the design for convenient transport.
- **Premium Washable Filter:** Reusable filter for air purification and easy maintenance.
- **Light-Weight Tank:** The water tank is designed for easy removal and emptying.



Figure 3: Various design features including wheels, handle, filter, and water tank.

4. SETUP

1. **Unboxing:** Carefully remove the dehumidifier from its packaging. Allow the unit to rest upright for 24 hours before first use to ensure optimal performance.
2. **Placement:** Position the dehumidifier at least 18 inches (45 cm) away from any walls or furniture to allow for proper airflow and efficient operation.
3. **Power Connection:** Plug the unit into a grounded electrical outlet.
4. **Optional Wheel Installation:** If desired, attach the provided 360° wheels to the bottom of the unit for enhanced mobility.

Video 1: An official product video demonstrating the setup and features of the FRESHDEW dehumidifier.

5. OPERATING INSTRUCTIONS

Power On/Off

Press the **Power** button on the control panel to turn the unit on or off.

Humidity Setting

Press the **Humidity Setting** button to adjust the desired humidity level from 30% to 90% in 5% increments. The unit will automatically shut off when the target humidity level is reached and restart when humidity rises 3% above the set level.

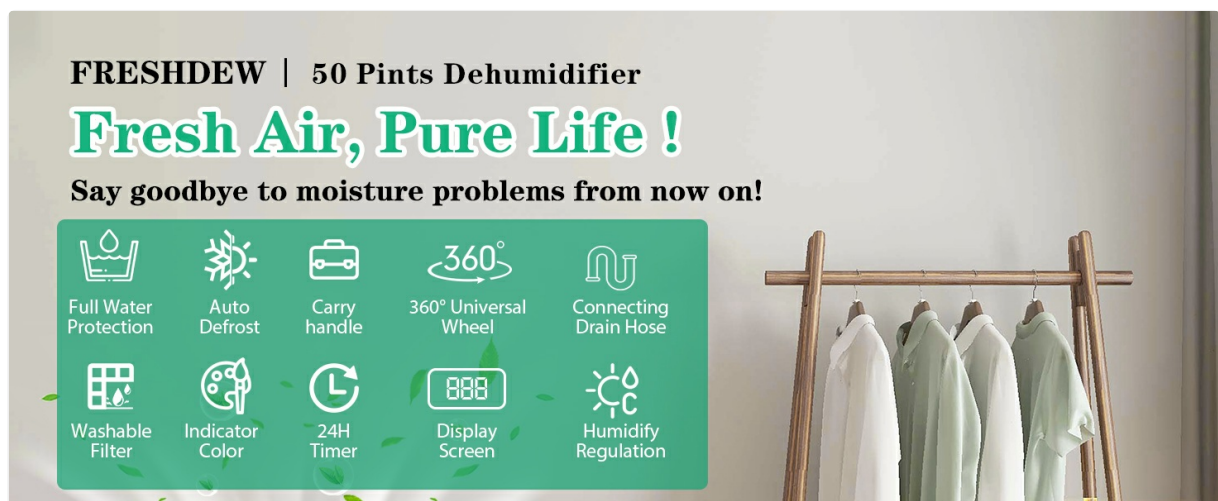


Figure 4: Illustration of the smart humidity indicator and how to set desired humidity levels.

RGB Humidity Indicator

The RGB color light on the unit provides an instant visual indication of indoor humidity:

- **Red:** High humidity (66%-90% RH)
- **Blue:** Low humidity (30%-39% RH)
- **Green:** Ideal range (40%-65% RH)

Fan Speed Control

Press the **Speed** button to toggle between low and high fan speeds. The unit operates quietly at less than 38 dB, ensuring a peaceful environment.

24-Hour Timer

Use the **Timer** button to set an automatic shut-off time for the dehumidifier, up to 24 hours.

Continuous Operation (CO Mode)

Select the CO mode for continuous dehumidification, ideal for drying clothes or maintaining consistent low humidity in specific areas.

6. DRAINAGE OPTIONS

Water Tank Drainage

The dehumidifier has a 0.66 Gallon (2.3 L) water tank. When the tank is full, the unit will automatically shut off, illuminate the "Full" indicator, and sound an alarm (three beeps). Carefully remove the tank from the back of the unit and empty the collected water.

Continuous Drainage

For continuous drainage, connect the provided 3.3-ft hose to the drainage port at the back of the unit. Ensure the hose is directed towards a suitable drain (e.g., floor drain, sink) to allow water to flow out continuously.



Figure 5: Visual representation of both manual water tank drainage and continuous hose drainage options.

7. MAINTENANCE

Filter Cleaning

The dehumidifier is equipped with a washable filter. Regularly clean the filter to maintain optimal performance:

- 1. Remove the water tank.
- 2. Gently pull out the filter from its slot.
- 3. Wash the filter under running water.
- 4. Allow the filter to air dry completely before re-installing.



Figure 6: Steps for removing and cleaning the dehumidifier's filter.

8. TROUBLESHOOTING

If you encounter any issues with your FRESHDEW dehumidifier, refer to the table below for common problems and solutions:

Problem	Possible Cause	Solution
Unit not turning on	No power supply; Power button not pressed	Check power cord connection; Press the Power button firmly
Dehumidifier not collecting water	Humidity level too low; Water tank is full; Filter is clogged	Adjust humidity setting; Empty water tank; Clean the air filter
Unit is noisy	Unit is on an uneven surface; Obstruction in fan/grille	Place unit on a flat, stable surface; Check for and remove any debris
"Full" indicator is on, but tank is not full	Float switch stuck or dirty	Clean the float switch and ensure it moves freely

9. SPECIFICATIONS

Feature	Value
Brand	FRESHDEW
Model Name	PD8R-03BE
Capacity	50 Pints per Day
Coverage Area	4500 Square Feet
Tank Volume	0.66 Gallons (2.3 L)

Feature	Value
Noise Level	<38 dB
Product Dimensions	11.42"D x 16.33"W x 6.7"H
Item Weight	18.74 pounds
Operating Temperature	41°F (5°C) - 95°F (32°C)

10. WARRANTY AND SUPPORT

Your FRESHDEW Dehumidifier comes with a standard manufacturer's warranty. For specific warranty details, please refer to the warranty card included in your product packaging.

For any questions, troubleshooting assistance, or support needs, please visit the official FRESHDEW Store on Amazon or contact customer service via the email provided in your user manual.