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> [Kesnos 4,500 Sq. Ft. Energy Star Dehumidifier \(Model PD08A-18\) User Manual](#)

Kesnos PD08A-18

Kesnos 4,500 Sq. Ft. Energy Star Dehumidifier (Model PD08A-18) User Manual

Model: PD08A-18

1. PRODUCT OVERVIEW

The Kesnos PD08A-18 is an Energy Star certified dehumidifier designed to efficiently remove moisture from indoor environments. It is suitable for areas up to 4,500 square feet and can remove up to 52 pints of moisture per day. This unit features a front display, 24-hour timer, and an auto-defrost function for optimal performance and user convenience.



Front view of the Kesnos 4,500 Sq. Ft. Dehumidifier, Model PD08A-18.

The dehumidifier is equipped with 360° casters and a recessed handle for easy mobility, allowing it to be moved between various rooms such as basements, bedrooms, bathrooms, and living rooms. It offers multiple operating modes and drainage options to suit different user needs.

2. SAFETY INFORMATION

Please read all instructions carefully before operating the dehumidifier. Keep this manual for future reference.

- Ensure the unit is placed on a level surface to prevent water leakage.
- Do not block the air inlet or outlet. Maintain at least 8 inches of clearance around the unit.
- Always unplug the dehumidifier before cleaning or performing any maintenance.
- Do not operate the unit with a damaged power cord or plug.
- Keep children and pets away from the unit during operation.
- This appliance is for indoor use only.

3. SETUP AND INSTALLATION

3.1 Unpacking

Carefully remove the dehumidifier from its packaging. Inspect the unit for any shipping damage. Retain the packaging materials for future transport or storage.

3.2 Placement

Place the dehumidifier in a location where the humidity is highest and air circulation is good. Ensure there is at least 8 inches (20 cm) of space around the unit for proper airflow. The unit is equipped with 360° casters for easy movement.



Illustration of the dehumidifier's coverage area in a living space.

3.3 Drainage Options

The Kesnos dehumidifier offers two methods for water removal:

1. **Manual Drainage (Water Tank):** The unit collects water in a 0.58-gallon (2.2 L) internal water tank. When the tank is full, the unit will automatically shut off and an indicator light will illuminate. Carefully remove the tank from the front of the unit and empty the collected water.
2. **Continuous Drainage (Drain Hose):** For continuous operation without manual emptying, attach the included 6.6 ft (2 meter) drain hose to the continuous drain port on the back of the unit. Ensure the hose is sloped downwards to allow gravity to drain the water into a suitable floor drain or container. A standard garden hose (not included) can also be used.

Two Drainage Options

① Convenient Water Tank ② Continuous Hose Drain



Full Tank Alarm
& Auto Shut-Off



6.6 ft Hose Included;
Standard & Easy Setup



Visual representation of the two drainage options: removable water tank and continuous hose drain.

4. OPERATING INSTRUCTIONS

4.1 Control Panel

The dehumidifier features an intuitive control panel with a front-facing digital display that shows the current humidity level. The display can be turned off while the unit continues to operate.

Three Custom Modes, One Intuitive Control Panel

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Detailed view of the control panel and digital display.

4.2 Power On/Off

Press the **Power** button to turn the unit on or off. The unit has a power-off memory restart function, which means it will resume operation with the last settings after a power interruption.

4.3 Setting Desired Humidity

Press the **Setting** button to adjust the desired humidity level. The humidity can be set between 30% and 80% Relative Humidity (RH). The unit will operate until the ambient humidity reaches the set level, then cycle on and off to maintain it.

4.4 Operating Modes

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

- **Standard Mode:** The unit operates based on the set humidity level and fan speed.
- **Drying Mode:** Provides maximum airflow to assist in drying clothes or other items.
- **Continuous Mode:** The unit will operate continuously regardless of the ambient humidity level, ideal for very damp

conditions.

4.5 Fan Speed

Press the **Speed** button to select between two fan speeds (Low and High). Higher fan speed results in faster dehumidification.

4.6 Timer Function

The 24-hour timer allows you to program the unit to turn on or off automatically after a set period. Press the **Timer** button and use the setting buttons to adjust the desired duration.

4.7 Auto Defrost

The dehumidifier is equipped with 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. This ensures efficient operation in cooler environments.



Illustration of the auto defrost feature, which prevents ice buildup on the coils.

5. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your dehumidifier.

5.1 Cleaning the Air Filter

The dehumidifier includes a removable and reusable air filter. A dirty filter can reduce efficiency and airflow.

1. Turn off the unit and unplug it from the power outlet.
2. Remove the filter from the back of the unit.
3. Wash the filter with warm, soapy water. Rinse thoroughly.
4. Allow the filter to air dry completely before reinstalling it.
5. Reinsert the dry filter into the unit.

It is recommended to clean the air filter every two weeks or more frequently depending on usage and air quality.



Demonstration of removing the washable air filter for cleaning.

5.2 Cleaning the Water Tank

Periodically clean the water tank to prevent mold and mildew growth.

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

5.3 Exterior Cleaning

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

6. TROUBLESHOOTING

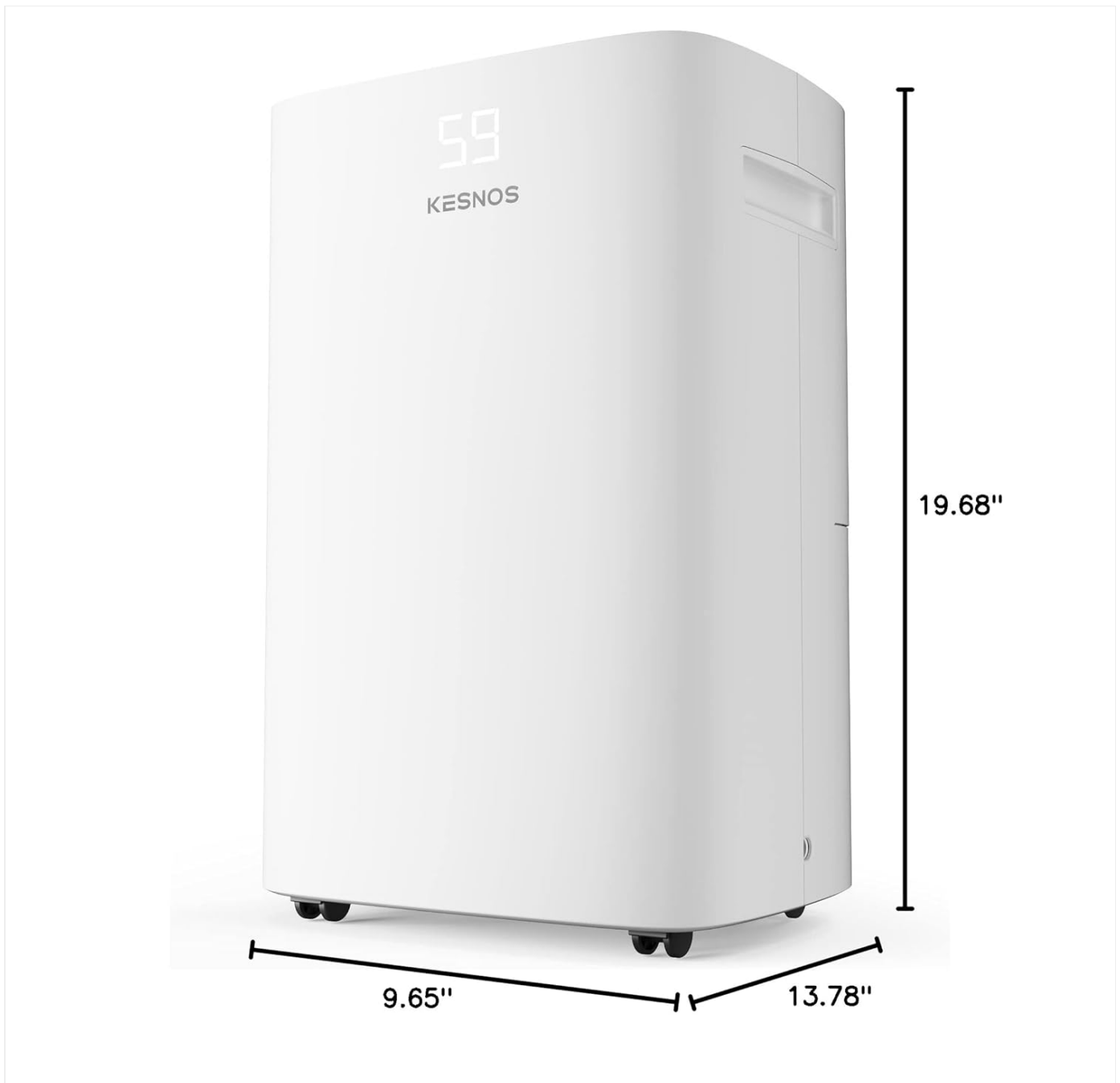
If you encounter issues with your dehumidifier, refer to the following table for common problems and solutions.

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power, power cord not plugged in, water tank full, unit not level.	Check power connection. Empty water tank. Ensure unit is on a flat surface.
No water collected or insufficient dehumidification.	Air filter clogged, humidity setting too high, room temperature too low, unit size inadequate for space, continuous drain hose blocked or improperly installed.	Clean air filter. Lower desired humidity setting. Ensure room temperature is above 41°F (5°C). Check drain hose for kinks or blockages.
Unit is noisy.	Air filter clogged, unit not level, fan obstruction.	Clean air filter. Ensure unit is on a stable, level surface. Check for any foreign objects near the fan.
Frost on coils.	Room temperature too low.	This is normal; the auto-defrost function will activate. If persistent, increase room temperature.

If the problem persists after attempting these solutions, please contact Kesnos customer support.

7. SPECIFICATIONS

Feature	Detail
Model Number	PD08A-18
Brand	Kesnos
Dehumidification Capacity	52 Pints/Day (under 95°F, 90% RH)
Coverage Area	Up to 4,500 Sq. Ft.
Water Tank Volume	0.58 Gallons (2.2 Liters)
Adjustable Humidity Range	30% - 80% RH
Product Dimensions (D x W x H)	8.86" x 12.6" x 19.3"
Weight	Approximately 34 Pounds
Color	White
Special Features	ENERGY STAR Most Efficient 2024, Front Display, Automatic Restart, Setting Recovery Memory, Continuous Draining, Auto Defrost, Lighting, Ergonomic Handle, Removable and Reusable Filter, Removable Tank, Overheat Protection, 24-Hour Timer
Included Components	1 Dehumidifier, 1 User Manual, 1 x 6.6 ft Drain Hose



Detailed dimensions of the dehumidifier.

8. WARRANTY AND SUPPORT

Kesnos is committed to providing high-quality products and customer satisfaction. Your dehumidifier is covered by the following:

- **30-Day Money-Back Guarantee:** If you are not satisfied with your purchase.
- **1-Year Service Assurance:** Comprehensive service coverage for one year from the date of purchase.
- **2-Year Extended Warranty:** An additional year of warranty coverage, totaling two years of protection.
- **Lifetime Expert Tech Support:** Access to technical assistance for the lifetime of the product.

For any questions, technical support, or warranty claims, please contact Kesnos customer service. Our team is available to assist you within 24 hours.

Contact information can typically be found on the official Kesnos website or through your purchase platform.

