

PSOS PS2

PSOS PS2 Dehumidifier User Manual

Model: PS2

1. INTRODUCTION

Thank you for choosing the PSOS PS2 Dehumidifier. This appliance is designed to efficiently remove excess moisture from the air, creating a more comfortable and healthier environment in your home. With its 99oz capacity, quiet operation, and intelligent features like auto shut-off and two working modes, the PS2 is ideal for spaces up to 900 sq.ft. Please read this manual thoroughly before operation to ensure proper use, maintenance, and safety.

2. SAFETY INSTRUCTIONS

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

- Read all instructions carefully before using the dehumidifier.
- Ensure the power supply matches the voltage specified on the rating label.
- Always place the unit on a firm, level surface to prevent tipping and water spillage.
- Do not operate the dehumidifier near water, in excessively wet areas, or with wet hands.
- Keep the appliance away from heat sources, direct sunlight, and flammable materials.
- Do not block the air inlet or outlet vents. Maintain at least 8 inches (20 cm) clearance around the unit.
- Unplug the dehumidifier from the power outlet before cleaning, maintenance, or when not in use.
- Do not attempt to repair or disassemble the unit yourself. Contact qualified service personnel for repairs.
- Keep children and pets away from the appliance during operation.
- Empty the water tank regularly to prevent overflow.

3. PRODUCT OVERVIEW

3.1 Key Features

- **High-Efficiency Dehumidification:** Utilizes dual semiconductor technology for effective moisture removal.
- **Large Capacity Water Tank:** 99 fluid ounces (2.9 liters) capacity reduces frequency of emptying.
- **Digital Display Screen:** Real-time monitoring of internal humidity and temperature.

- **Two Working Modes:** Day Mode for fast dehumidification and Night Mode for quiet operation with lights off.
- **Auto Shut-Off Protection:** Automatically turns off when the water tank is full to prevent overflow.
- **7 Colors LED Light:** Optional ambient lighting feature.
- **Quiet Operation:** Designed for minimal noise, especially in Night Mode.

3.2 Component Identification

Familiarize yourself with the main components of your PSOS PS2 Dehumidifier:



Figure 1: Internal structure of the PSOS PS2 Dehumidifier, illustrating the dual semiconductor dehumidification system and the large capacity water tank. The image shows air intake, dehumidification process, and water collection.

This diagram illustrates the internal workings, showing how air is drawn in, moisture is condensed by the dual semiconductor elements, and collected in the water tank. The design emphasizes energy efficiency and increased water storage capacity.

Digital Display Screen

Real-time monitoring of humidity and temperature (machine internal)



Figure 2: Digital Display Screen and Control Panel. The screen displays real-time temperature and humidity, while the buttons control power, mode, and LED light functions.

The control panel features a clear digital display that shows the current internal temperature and humidity levels. Below the screen are touch-sensitive buttons for power, operating mode selection, and controlling the LED ambient light.

4. SETUP

4.1 Unpacking

1. Carefully remove the dehumidifier from its packaging.
2. Remove all packing materials, including any tape or protective films.
3. Inspect the unit for any signs of damage. If damaged, do not operate and contact customer support.

4.2 Placement

- Place the dehumidifier on a flat, stable, and level surface.

- Ensure there is at least 8 inches (20 cm) of clear space around all sides of the unit to allow for proper airflow. Do not place it against a wall or in a confined space.
- Avoid placing the unit in direct sunlight or near heat-generating appliances.
- For optimal performance, place the dehumidifier in the area where humidity is highest or where dehumidification is most needed.

4.3 Power Connection

1. Ensure the water tank is correctly inserted into the unit.
2. Plug the power cord into a grounded electrical outlet.
3. The unit is now ready for operation.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

- Press the **Power Button**  once to turn the dehumidifier ON. The digital display will illuminate.
- Press the **Power Button** again to turn the dehumidifier OFF.

5.2 Working Modes

The PSOS PS2 Dehumidifier offers two distinct working modes:

2 Working Modes That Meet Your Needs



Day Mode

Fast dehumidification

30bd-40bd



Night Mode

Light off

≈ 28bd

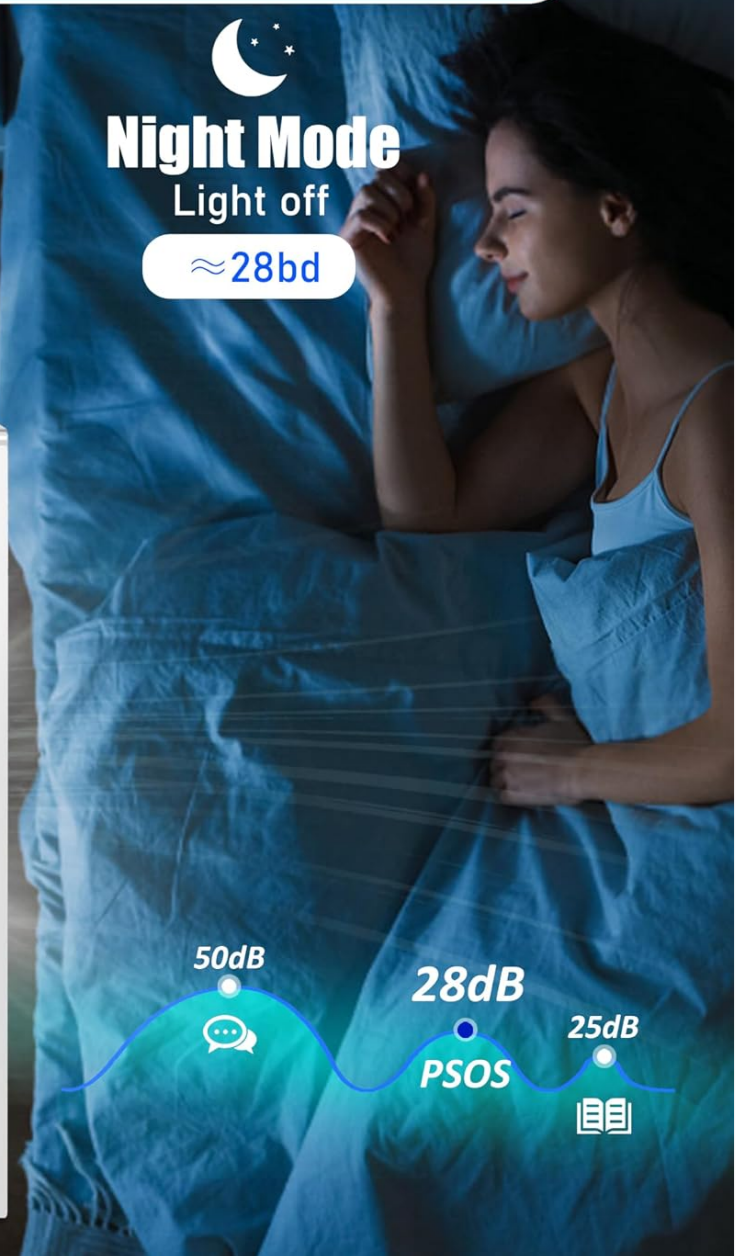
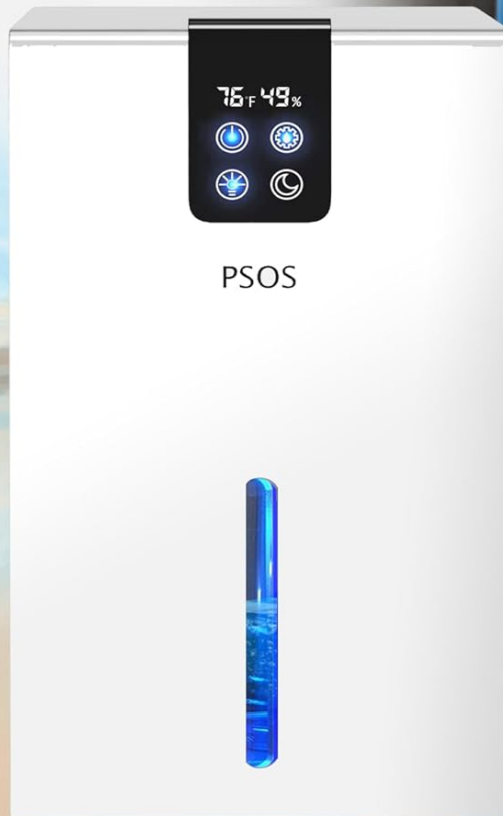


Figure 3: Illustration of Day Mode and Night Mode. Day Mode provides fast dehumidification, while Night Mode ensures quiet operation with the LED light off for undisturbed sleep.

This image highlights the two operational modes: Day Mode for efficient moisture removal and Night Mode for a quieter environment, suitable for sleeping, with the LED light automatically turned off.

- **Day Mode:** This is the default mode for fast and efficient dehumidification. The fan operates at a higher speed to quickly reduce humidity levels.
- **Night Mode:** Press the **Mode Button** (🔘) to switch to Night Mode. In this mode, the dehumidifier operates at a lower fan speed for quieter performance, and the LED ambient light automatically turns off to avoid disturbance during sleep.
- Press the **Mode Button** again to switch back to Day Mode.

5.3 LED Light Control

- Press the **Light Button** (🔘) to cycle through the 7 available LED colors or to turn the light off.
- The LED light is automatically turned off when Night Mode is activated.

5.4 Water Tank Management and Auto Shut-Off



Figure 4: Auto Shut-Off Protection. The image shows the unit operating normally with a blue indicator, and then indicating a full water tank with a red light and automatic shut-off.

This illustration demonstrates the dehumidifier's auto shut-off feature. When the water tank is full, the unit will automatically stop dehumidifying, a red indicator light will appear, and an audible sound may be emitted to alert you. The visible water tank includes a groove for easy removal.

1. When the water tank is full, the dehumidifier will automatically stop operating, and an indicator light (often red) will illuminate.
2. Carefully pull out the water tank using the designated groove.
3. Empty the collected water.
4. Slide the empty water tank back into the dehumidifier until it clicks securely into place.
5. The dehumidifier will resume operation automatically if it was on before the tank filled.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your dehumidifier. Always unplug the unit before performing any maintenance.

6.1 Cleaning the Exterior

- Wipe the exterior of the dehumidifier with a soft, damp cloth.
- Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the surface.
- Ensure the unit is completely dry before plugging it back in.

6.2 Cleaning the Water Tank

- Remove the water tank from the unit.
- Rinse the tank with clean water. For thorough cleaning, a mild detergent can be used, followed by a complete rinse.
- Dry the tank thoroughly before reinserting it into the dehumidifier.
- Clean the water tank every few weeks or as needed to prevent mold and mildew growth.

6.3 Air Filter Cleaning (Recommended)

Although not explicitly detailed, most dehumidifiers benefit from regular air filter cleaning to maintain efficiency. If your model has a removable air filter (typically located at the air intake), follow these general steps:

1. Locate and carefully remove the air filter.
2. Clean the filter using a vacuum cleaner to remove dust and debris. For heavily soiled filters, wash gently with warm, soapy water.
3. Ensure the filter is completely dry before reinstalling it.
4. Clean the filter every 2-4 weeks, depending on usage and air quality.

7. TROUBLESHOOTING

Before contacting customer support, please refer to the following troubleshooting guide for common issues:

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power supply; Power button not pressed; Water tank not properly inserted.	Check power cord connection and outlet; Press the Power button; Ensure water tank is securely in place.
No water is collected or very little water.	Humidity level is already low; Room temperature is too low; Air inlets/outlets are blocked; Unit is too small for the room size.	This is normal if humidity is low; Dehumidifiers work best above 41°F (5°C); Ensure proper airflow; Consider if the unit is appropriate for the room size (up to 900 sq.ft).
Unit stops operating and indicator light is on.	Water tank is full; Water tank is not properly inserted.	Empty the water tank; Reinsert the water tank securely.

Problem	Possible Cause	Solution
Unusual noise (grinding, crackling, popping).	Internal component issue; Unit not on a level surface; Obstruction in fan.	Ensure unit is on a level surface. If noise persists, unplug immediately and contact customer support. Do not attempt to open the unit.
Unit runs but does not dehumidify.	Internal malfunction; Air filter clogged.	Clean the air filter (if applicable). If the problem persists, unplug and contact customer support.

8. SPECIFICATIONS

Technical specifications for the PSOS PS2 Dehumidifier:

Feature	Detail
Brand	PSOS
Model Name	PS2
Floor Area Coverage	Up to 900 square feet
Tank Volume	99 fluid ounces (approx. 2.9 liters)
Dehumidification Capacity	2.12 liters per day
Product Dimensions (D x W x H)	7.48"D x 9.76"W x 15.35"H
Wattage	196 watts
Special Features	Automatic Shutoff, Quiet Operation, Portable, 7 Colors LED Light, 2 Working Modes
Color	White
UPC	717211682870
ASIN	B0CMJ7VT5B



Figure 5: Product Dimensions. This image provides a visual representation of the dehumidifier's height, width, and depth for reference.

This image provides a visual reference for the physical dimensions of the PSOS PS2 Dehumidifier, indicating its height, width, and depth.

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or visit the official PSOS brand store. Keep your purchase receipt as proof of purchase for any warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question