

PSOS PS-01SG

PSOS PS-01SG Dehumidifier Instruction Manual

Model: PS-01SG

1. IMPORTANT SAFETY INSTRUCTIONS

Please read and understand all safety instructions before using this appliance. Failure to follow these instructions may result in electric shock, fire, or serious injury.

General Safety

- Always operate the unit on a level surface to prevent water leakage.
- Do not block the air inlet or outlet. Maintain at least 8 inches (20 cm) clearance from walls or other objects.
- Do not insert any objects into the air vents.
- This appliance is for indoor residential use only. Do not use outdoors or for commercial purposes.
- Keep the appliance away from heat sources, direct sunlight, and flammable materials.

Electrical Safety

- Ensure the power supply matches the voltage specified on the rating label.
- Do not operate the unit with a damaged power cord or plug. If damaged, contact customer support.
- Always unplug the dehumidifier before cleaning, performing maintenance, or when not in use.
- Do not share the electrical outlet with other high-power appliances.

2. PRODUCT OVERVIEW

The PSOS PS-01SG Dehumidifier is designed to efficiently remove excess moisture from your home, improving air quality and comfort. It features dual-core semiconductor technology, a 98 oz water tank,

and smart controls.

Key Features

- **Dual-Core High-Efficiency Dehumidification:** Extracts up to 40 oz/day (at 86°F, 80% RH) using advanced dual semiconductor technology.
- **Humidity Monitoring & Quiet Operation:** Features a precise humidity display and operates at less than 28dB for a peaceful environment.
- **Auto Shut-Off & 7-Color LED Night Light:** Automatically shuts off when the water tank is full or improperly placed, with a red light indicator. Includes relaxing 7-color ambient lighting.
- **Energy-Efficient & Auto Defrost System:** Operates smoothly even at low temperatures (41°F/5°C) with an automatic defrost system and intelligent power management.
- **Compact, Portable & Stylish Design:** Features hidden side handles for easy movement and a slim, durable ABS shell.

Components and Control Panel

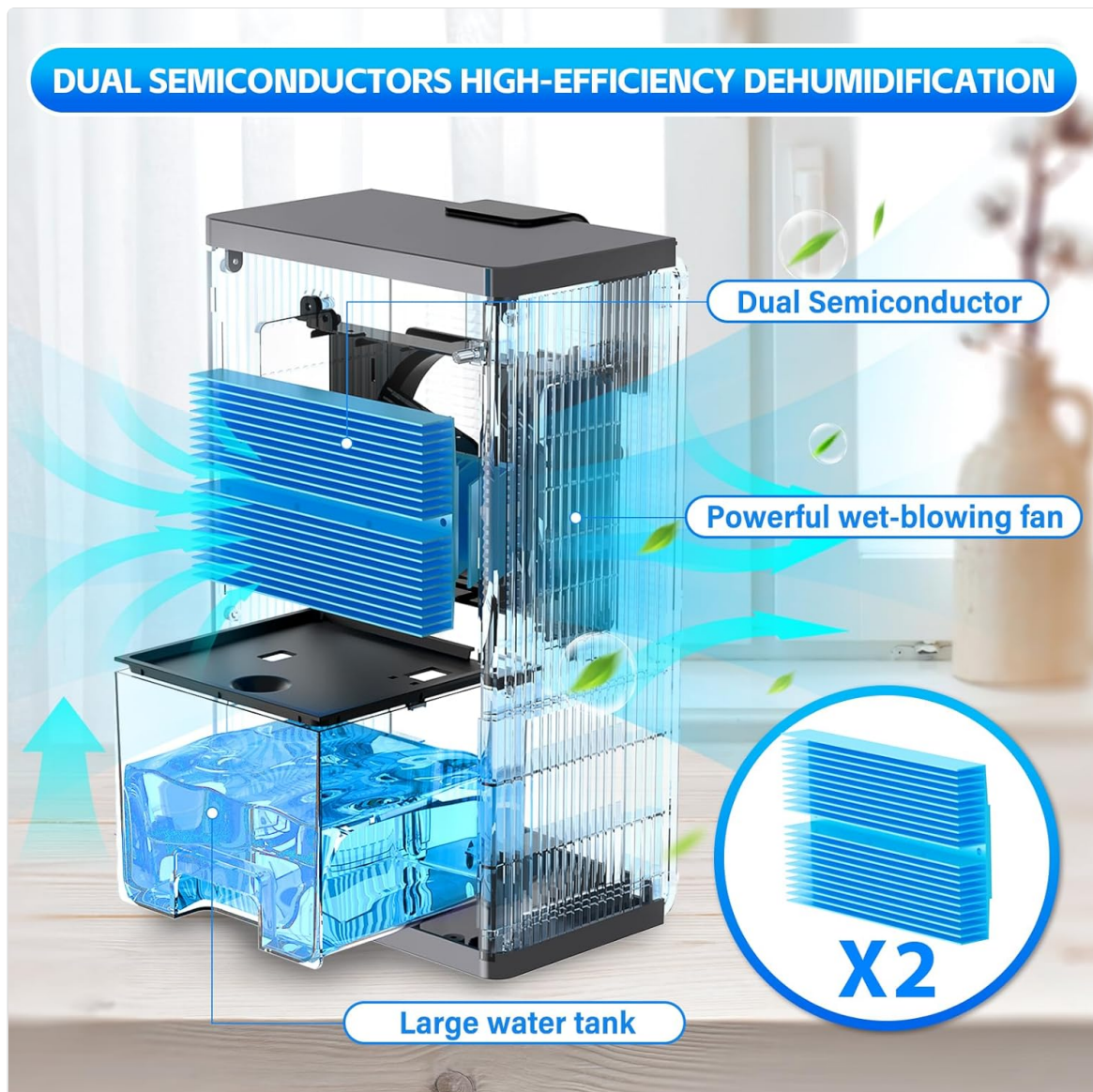


Figure 2.1: Internal view of the PSOS Dehumidifier showing dual semiconductors, fan, and large water tank.

The dehumidifier features a clear digital display and intuitive touch controls on the top panel for easy operation.

INTELLIGENT CONTROL PANEL

Dual detection of temperature & humidity



Figure 2.2: Close-up of the intelligent control panel displaying temperature and humidity, along with power, mode, light, and sleep mode buttons.

3. SETUP

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 damage. If damaged, do not operate and contact customer support.

Placement

- Place the dehumidifier on a firm, level surface in the desired location.
- Ensure there is at least 8 inches (20 cm) of space around the air inlet and outlet for proper airflow.
- For optimal performance, close all doors and windows in the room where the dehumidifier is operating.
- The unit is suitable for spaces up to 1000 sq.ft, including basements, bedrooms, bathrooms, and

closets.



Figure 3.1: The dehumidifier effectively reduces humidity in spaces up to 1000 sq.ft, as shown by the before and after humidity levels.

Initial Power-On

1. Plug the power cord into a grounded electrical outlet.
2. The unit will enter standby mode.

Video 3.1: This video demonstrates the initial setup and basic operation of the PSOS Dehumidifier, including plugging it in and observing the display.

4. OPERATING INSTRUCTIONS

Powering On/Off

- Press the **Power button** (🔌) on the control panel to turn the unit on or off.
- Upon powering on, the unit will display the current temperature and humidity.

Mode Selection

The dehumidifier offers different modes to suit your needs:

- **Powerful Mode:** Provides faster dehumidification (30dB-40dB).
- **Night Mode (Sleep Mode):** Operates with lower noise (less than 28dB) for a peaceful environment.



Figure 4.1: Illustration of the Powerful Mode for faster dehumidification and Night Mode for quiet operation.

Ambient Light Control

The unit features a 7-color LED ambient light:

- Press the **Light button** (📺) to cycle through the 7 colors or to turn the light off.
- You can select and lock your preferred color or allow it to cycle continuously.



Figure 4.2: The dehumidifier features an ultra-quiet operation and a 7-color ambient light, enhancing comfort during nighttime use.

5. WATER TANK MANAGEMENT

Auto Shut-Off Function

The dehumidifier is equipped with an automatic shut-off function for safety and convenience:

- When the water tank is full, the unit will automatically shut off.
- A red light will illuminate to indicate that the tank needs to be emptied.
- The unit will also shut off if the water tank is improperly placed.

AUTO SHUT OFF PROTECTION



Figure 5.1: The dehumidifier's auto shut-off feature activates when the water tank is full, indicated by a red warning light.

Removing and Emptying the Water Tank

1. Gently pull out the water tank from the back of the unit using the designated handle.
2. Carefully carry the full water tank to a sink or drain.
3. Remove the lid from the water tank and pour out the collected water.
4. Replace the lid securely on the water tank.
5. Slide the empty water tank back into the dehumidifier until it clicks into place. Ensure it is properly seated to resume operation.

Video 5.1: This video demonstrates how to remove, empty, and reinsert the 98 oz water tank of the PSOS Dehumidifier.

6. MAINTENANCE

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

Cleaning the Exterior

- Always unplug the unit before cleaning.

- Wipe the exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents.

Cleaning the Water Tank

- Remove the water tank as described in Section 5.
- Rinse the tank with clean water. For thorough cleaning, use a mild detergent and warm water, then rinse completely.
- Ensure the tank is completely dry before reinserting it into the unit.

Storage

- If storing the unit for an extended period, ensure the water tank is empty and clean.
- Clean the exterior of the unit.
- Store the dehumidifier in an upright position in a cool, dry place, away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

If you encounter issues with your dehumidifier, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Water tank full or improperly installed	Check power connection; Empty and correctly reinstall water tank
No water collected	Room humidity too low; Temperature too low; Air vents blocked	Ensure humidity is above 45%; Check room temperature (above 41°F/5°C); Clear obstructions from vents
Unusual noise	Unit not on a level surface; Internal components loose	Place on a flat, stable surface; Contact customer support if noise persists
Red light flashing	Water tank full or improperly installed	Empty and correctly reinstall water tank

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

8. SPECIFICATIONS

Feature	Detail
Brand	PSOS
Model Name	PS-01SG

Feature	Detail
Floor Area Coverage	Up to 1000 Square Feet
Dehumidification Capacity	40 Pints per Day (approx. 40 oz/day at 86°F, 80% RH)
Water Tank Volume	98 Fluid Ounces
Product Dimensions	8.25"D x 5.5"W x 13.75"H
Weight	6.1 Pounds
Material	Acrylonitrile Butadiene Styrene (ABS)
Wattage	60 watts
Voltage	110 Volts
Special Features	Powerful Mode, Sleep Mode, Quiet Operation, 7 Color Ambient Light, Removable Tank, Automatic Shut-off, Portable, Humidity Display, Auto Defrost System

9. WARRANTY AND SUPPORT

Warranty Information

This PSOS Dehumidifier comes with a **1-year manufacturer's warranty** from the date of purchase, covering defects in materials and workmanship under normal use. Additionally, extended protection plans (3-Year and 4-Year) may be available for purchase to provide further coverage.

Customer Support

For technical assistance, troubleshooting, warranty claims, or any questions regarding your PSOS Dehumidifier, please refer to the contact information provided in your product packaging or visit the official PSOS website. We are committed to providing lifetime technical customer support.