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Wpsoert WP06

WPSOERT 80 Pints Dehumidifier WP06 User Manual

Model: WP06

1. Important Safety Instructions

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

- Always place the dehumidifier on a level, stable surface to prevent water spillage.
- Ensure the power cord is not damaged and is properly grounded. Do not use extension cords.
- Maintain at least 8 inches (20 cm) of clearance around the unit for proper airflow.
- Do not operate the unit near flammable gases or combustible materials.
- Unplug the dehumidifier before cleaning, moving, or performing any maintenance.
- Do not block the air inlet or outlet.
- 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.

2. Product Overview

The WPSOERT WP06 Dehumidifier is designed to efficiently remove excess moisture from your environment, improving air quality and comfort. It features smart humidity control, auto defrost, a 24-hour timer, and a child lock function.



Image 2.1: Front view of the WPSOERT WP06 Dehumidifier, showcasing its compact design and digital display.

Key Features:

- **High Capacity:** Removes up to 80 pints of moisture per day.
- **Wide Coverage:** Suitable for areas up to 5500 sq.ft.
- **Smart Humidity Control:** Automatically maintains desired humidity levels.
- **Auto Defrost:** Prevents frost buildup on coils, ensuring efficient operation.
- **24-Hour Timer:** Schedule operation for convenience and energy saving.

- **Child Lock:** Prevents accidental changes to settings.
- **Two Drainage Options:** Manual water tank (1.6 Gallons / 6 Liters) or continuous drain hose.
- **Washable Filter:** Easy to clean and maintain for optimal performance.
- **Portability:** Equipped with 360° universal wheels and ergonomic handles for easy movement.



Image 2.2: Diagram illustrating the humanized design features of the dehumidifier, including 360° universal wheels, ergonomic handles, a washable filter, and a visual water tank.

3. Setup

3.1 Unpacking and Placement

1. Carefully remove the dehumidifier from its packaging.
2. Place the unit upright on a firm, level surface.

3. Ensure there is at least 8 inches (20 cm) of space on all sides of the unit for proper air circulation. Do not place it against a wall or furniture that could obstruct airflow.
4. Avoid placing the unit in direct sunlight or near heat sources.
5. For optimal performance, close all doors and windows in the room where the dehumidifier is operating.



Image 3.1: Illustration showing the importance of closing doors and windows for maximum dehumidification efficiency.

3.2 Power Connection

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

4. Operating Instructions

4.1 Control Panel



Image 4.1: Close-up view of the intelligent touch control panel with various function buttons and digital display.

- **POWER Button:** Press to turn the unit ON or OFF.
- **MODE Button:** Cycle through operating modes: DEHU (Dehumidify), DRY (Clothes Drying), CONT (Continuous).
- **HUMI Button:** Adjust the desired humidity level (30% to 80% Relative Humidity).
- **TIMER Button:** Set the 24-hour timer for automatic ON/OFF.
- **SPEED Button:** Select fan speed (Low or High).
- **LOCK Button:** Press and hold for 3 seconds to activate/deactivate the Child Lock.
- **FULL Indicator:** Illuminates when the water tank is full.

4.2 Operating Modes



Image 4.2: Visual representation of the three working modes: DEHU, DRY, and CONT, applied in different home environments.

- **DEHU Mode (Dehumidify):** The unit will operate to reach and maintain the set humidity level. Use the HUMI button to adjust the target humidity between 30% and 80% RH.
- **DRY Mode (Clothes Drying):** This mode operates at high fan speed and continuous dehumidification to help dry clothes faster.
- **CONT Mode (Continuous):** The unit will run continuously regardless of the ambient humidity level. This is suitable for very damp environments or for continuous drainage.

4.3 Setting the Timer



Image 4.3: The 24-hour timer function, allowing users to schedule the dehumidifier's operation.

Press the TIMER button to set the desired operating duration (1-24 hours). The unit will automatically turn ON or OFF after the set time.

4.4 Child Lock Function



Image 4.4: Child lock feature preventing unintended changes to settings, shown with children in the background.

To activate the Child Lock, press and hold the LOCK button for 3 seconds. The control panel will be locked, preventing any changes. Repeat the action to deactivate.

4.5 Auto Defrost



Image 4.5: Visual representation of the automatic defrost function, showing frost on coils being cleared.

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, especially in cooler environments.

4.6 Auto Restart After Power Outage



Image 4.6: Diagram illustrating the auto-restart sequence after a power outage, resuming previous settings.

In the event of a power outage, the unit will automatically restart with its previous settings once power is restored.

5. Drainage Options

The WPSOERT WP06 Dehumidifier offers two methods for water removal:



Image 5.1: Visual guide to the two drainage options: manual drainage using the water tank and continuous drainage via a hose connection.

5.1 Manual Drainage (Water Tank)

When the water tank is full, the unit will automatically shut off, and the 'FULL' indicator light will illuminate. To empty the tank:

1. Gently pull out the water tank from the front of the unit.
2. Carefully carry the tank to a sink or drain.
3. Pour out the collected water.
4. Replace the empty water tank firmly back into the dehumidifier. The unit will resume operation automatically.

5.2 Continuous Drainage (Drain Hose)

For continuous operation without needing to empty the water tank, you can connect the included drain hose:

1. Locate the continuous drain outlet on the back of the unit.
2. Unscrew the water outlet cap and remove the gray rubber stopper (piston).
3. Connect one end of the drain hose to the outlet, ensuring a secure fit.
4. Direct the other end of the hose to a suitable drain (e.g., floor drain, large bucket, or sink). Ensure the hose is sloped downwards to allow gravity drainage and is free from kinks or blockages.
5. **Important:** If the gray piston is not removed, water will flow into the water tank instead of draining continuously.

6. Maintenance

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

6.1 Cleaning the Air Filter

The air filter should be cleaned every two weeks or more frequently depending on usage and air quality.

1. Unplug the dehumidifier from the power outlet.
2. Remove the air filter from the back of the unit.
3. Wash the filter with clean water (not hotter than 104°F / 40°C) or vacuum it to remove dust and debris.
4. Allow the filter to air dry completely before reinstalling it. Do not expose it to direct sunlight.
5. Reinstall the dry filter into the unit.

6.2 Cleaning the Water Tank

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

1. Remove the water tank from the unit.
2. Wash the tank with mild detergent and warm water.
3. Rinse thoroughly and dry completely before replacing.

6.3 Storing the Dehumidifier

If the unit will not be used for an extended period:

1. Unplug the unit and empty the water tank.
2. Clean the air filter and the water tank.
3. Allow the unit to dry for at least 24 hours in a well-ventilated area to prevent mold growth inside.
4. Wrap the power cord and secure it.
5. Store the unit upright in a cool, dry place, away from direct sunlight and extreme temperatures.

7. Troubleshooting

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

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	• Power cord not securely plugged in. • No power to the outlet. • Water tank is full or not properly seated.	• Ensure power cord is firmly plugged into a grounded outlet. • Check household fuse/circuit breaker. • Empty the water tank and ensure it is correctly inserted.
Unit runs but does not collect water or humidity does not drop.	• Air filter is clogged. • Room temperature is too low (below 41°F / 5°C). • Humidity setting is too high. • Doors/windows are open. • Unit size is too small for the area. • Continuous drain hose is connected but gray piston is not removed. • Unit malfunction (e.g., refrigerant leak).	• Clean the air filter. • Dehumidifiers are less effective in very cold conditions. • Lower the desired humidity setting. • Close all doors and windows. • Ensure the gray piston is removed if using continuous drainage. • If issues persist, contact customer support.
Buttons on control panel are unresponsive.	• Child Lock is activated. • Control panel malfunction.	• Press and hold the LOCK button for 3 seconds to deactivate Child Lock. • Unplug the unit for 5 minutes, then plug back in to reset. If issue persists, contact support.
Unit is noisy.	• Unit is not on a level surface. • Air filter is clogged. • Obstruction in fan.	• Ensure the unit is on a flat, stable surface. • Clean the air filter. • Check for any foreign objects near the fan.
Water leaks from the unit.	• Water tank not properly inserted. • Continuous drain hose is loose or kinked. • Unit is tilted.	• Reinsert the water tank correctly. • Check continuous drain hose for secure connection and proper slope. • Ensure the unit is on a level surface.

8. Specifications

Detailed technical specifications for the WPSOERT WP06 Dehumidifier.

Specification	Value
Brand	Wpsoert
Model Name	WP06
Dehumidification Capacity	80 Pints per Day
Floor Area Coverage	5500 Square Feet
Water Tank Volume	1.6 Gallons (6 Liters)
Operation Mode	Auto Defrost
Special Feature	Automatic Defrost
Color	White
Product Dimensions	13.8 x 9.8 x 19.7 inches
Item Weight	31.9 pounds
UPC	769047900949
ASIN	B0DGFVL4JR
Date First Available	September 1, 2024

9. Warranty and Support

For warranty information or technical support, please refer to the documentation included with your purchase or contact Wpsoert customer service through their official channels. Please have your model number (WP06) and purchase date available when contacting support.

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