Wpsoert WP05

Wpsoert WP05 25-Pint Dehumidifier User Manual

Model: WP05

1. Important Safety Instructions

Please read all instructions carefully before operating the dehumidifier. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always connect the unit to a grounded power outlet.
- Do not operate the dehumidifier if the power cord or plug is damaged.
- Ensure the unit is placed on a level, stable surface to prevent water spillage.
- Do not block the air inlet or outlet. Maintain at least 8 inches (20 cm) clearance from walls or furniture.
- Unplug the unit before cleaning, moving, or performing any maintenance.
- Do not use the dehumidifier in areas where flammable gases or liquids are stored.
- Keep children and pets away from the unit during operation.
- Do not attempt to repair or disassemble the unit yourself. Contact qualified service personnel.

2. Product Overview

The Wpsoert WP05 Dehumidifier is designed to efficiently remove excess moisture from your indoor environment, improving air quality and comfort. It features intelligent humidity control, multiple operating modes, and user-friendly design elements.



Figure 2.1: Front view of the Wpsoert WP05 Dehumidifier, showing the control panel, water level indicator, and handle.

Key Features:

- **High-Efficiency Dehumidification:** Removes up to 25 pints (11.8 liters) of moisture per day (at 95°F/90% RH) for areas up to 2000 sq.ft.
- **Three Smart Modes:** DEHU (custom humidity), DRY (clothes drying), and CONT (continuous operation).
- **Quiet Operation:** Operates at approximately 40dB, suitable for bedrooms and living spaces.
- **Flexible Drainage:** Includes a 6.56ft drain hose for continuous drainage or uses a 0.53-gallon (2-liter) water tank with auto shut-off.
- **User-Friendly Design:** Features 360° wheels, side handles, a portable handle, digital humidity display, 2 fan speeds, 24-hour timer, auto defrost, washable filter, and child safety lock.

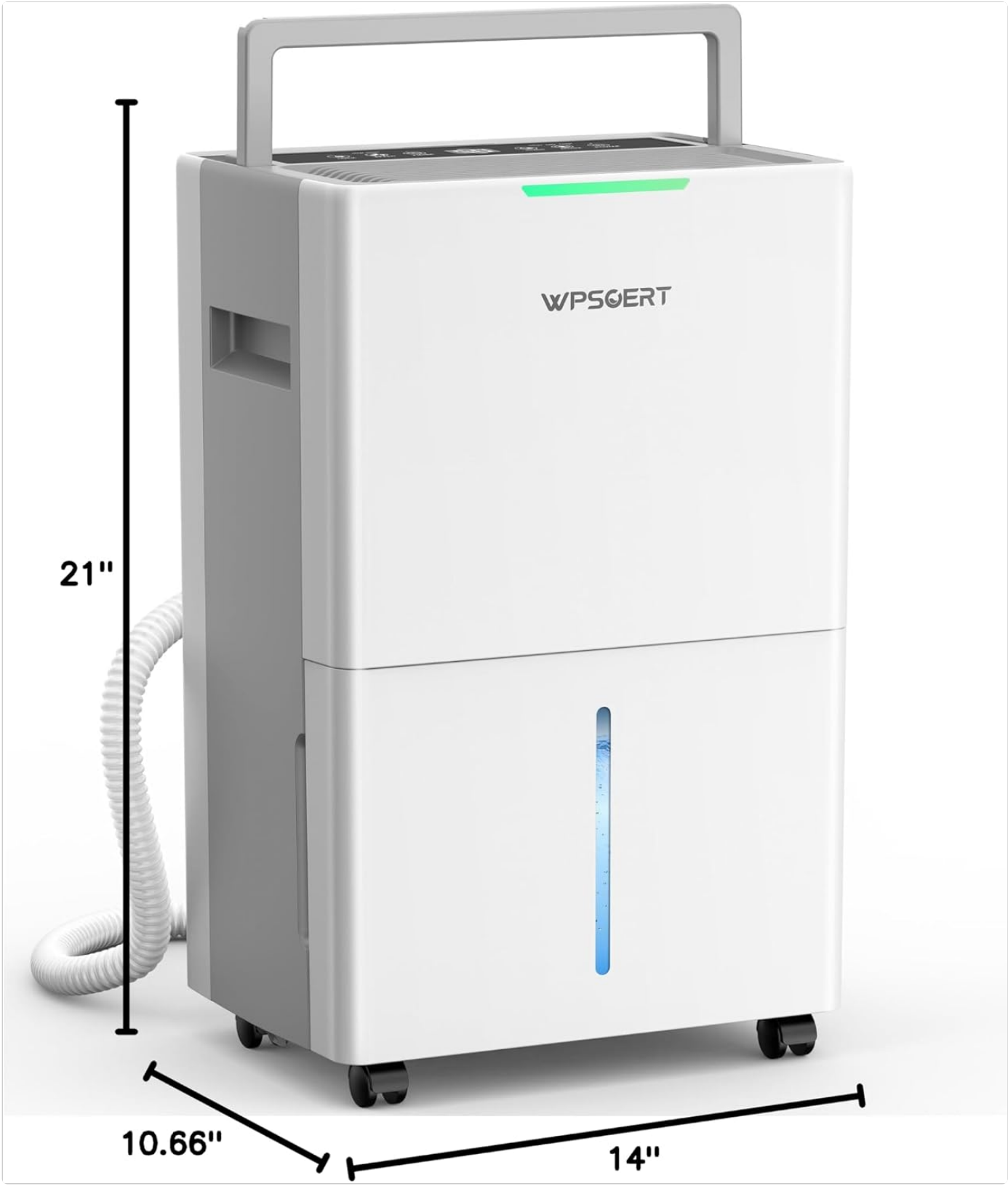


Figure 2.2: The Wpsoert WP05 Dehumidifier, illustrating its compact design. Actual dimensions are 18"D x 8.98"W x 11.8"H.

3. Setup and Installation

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

Placement:

- Place the dehumidifier on a firm, level surface that can support its weight when the water tank is full.
- Ensure there is at least 8 inches (20 cm) of space around the unit for proper airflow. Do not place it against a wall or block the air vents.
- Avoid placing the unit near heat sources (e.g., heaters, dryers) or in direct sunlight.
- For optimal performance, close all doors and windows in the room where the dehumidifier is operating.

Power Connection:

- Ensure the power cord is fully extended and not pinched or tangled.
- Plug the 3-prong grounded power cord into a suitable grounded electrical outlet (120V, 60Hz).

Drainage Options:

The Wpsoert WP05 offers two drainage methods:

1. **Manual Drainage (Water Tank):**

   The unit collects water in its internal 0.53-gallon (2-liter) water tank. When the tank is full, the unit will automatically shut off and an indicator light will illuminate. Empty the tank by carefully pulling it out, discarding the water, and reinserting it until it clicks into place.

2. **Continuous Drainage (Drain Hose):**

   For continuous operation without needing to empty the tank, attach the included 6.56ft drain hose. Locate the drain hose outlet on the back of the unit. Remove the rubber stopper (if present) and securely attach one end of the hose. Route the other end to a suitable drain (e.g., floor drain, sink) ensuring a downward slope for gravity drainage. Do not allow the hose to be kinked or elevated above the unit's drain outlet.

4. Operating Instructions

Control Panel:

The control panel is located on the top of the unit and features a digital display and various buttons for mode selection, fan speed, timer, and humidity settings.

Power On/Off:

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

Operating Modes:



Figure 4.1: Visual representation of the three operating modes: DEHU, DRY, and CONT.

- **DEHU Mode (Dehumidify):**

  This is the standard dehumidification mode. You can set your desired humidity level between 35% and 80% in 5% increments. The unit will operate until the set humidity is reached, then cycle on and off to maintain it.

- **DRY Mode (Clothes Drying):**

  Designed to accelerate the drying of clothes. The unit will operate continuously at a high fan speed to quickly remove moisture from the air. Humidity settings are not adjustable in this mode.

- **CONT Mode (Continuous):**

  The unit will operate continuously regardless of the ambient humidity level. This mode is suitable for very damp environments like basements or garages where constant moisture removal is desired. Continuous drainage is recommended for this mode.

Setting Humidity Level (DEHU Mode Only):

1. Ensure the unit is in DEHU mode.
2. Press the **Humidity Setting** button (often indicated by '+' or '-' symbols) to adjust the desired humidity level.
3. The display will show the set humidity, then revert to displaying the current room humidity.

Fan Speed:

- Press the **Fan Speed** button to cycle between High and Low fan speeds.
- Higher fan speed results in faster dehumidification but may produce more noise.

Timer Function:

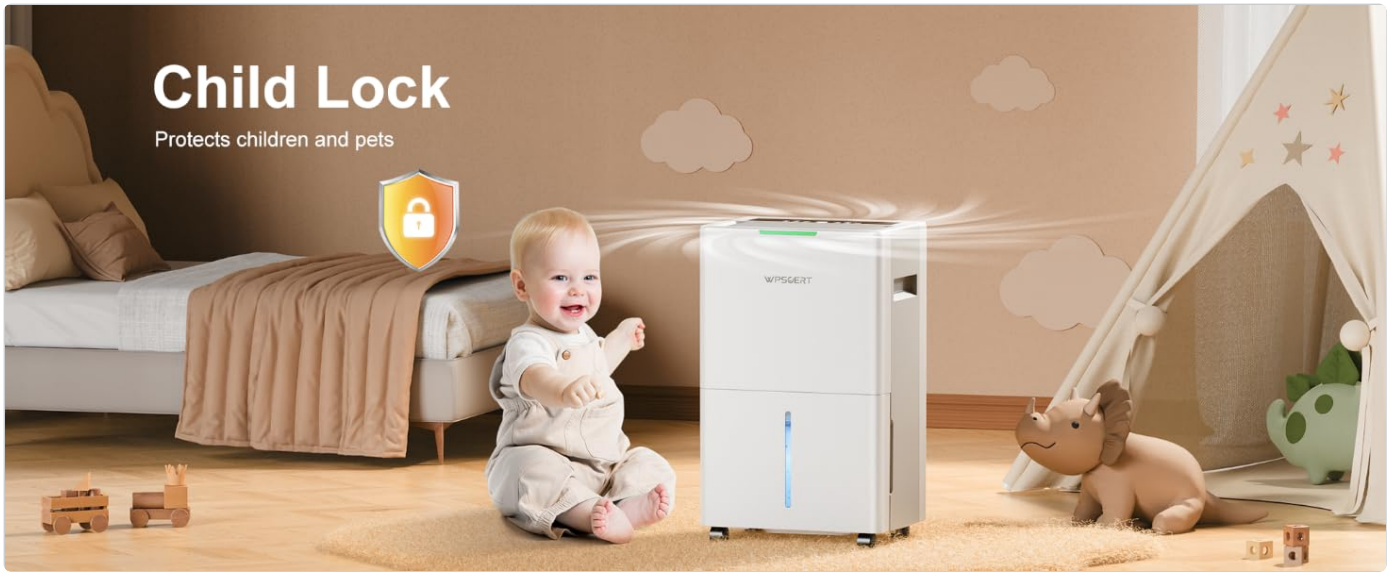


Figure 4.2: The 24-hour timer feature and quiet operation of the dehumidifier.

- Press the **Timer** button to set a delay for the unit to turn on or off (from 1 to 24 hours).
- When the unit is off, set the timer for delayed power-on. When the unit is on, set the timer for delayed power-off.

Child Lock:



Figure 4.3: The Child Lock feature, designed to prevent accidental changes to settings.

- Press and hold the **Child Lock** button (or a combination of buttons as indicated on the unit) for 3 seconds to activate or deactivate the child lock.
- When activated, all other buttons on the control panel will be unresponsive.

Auto Defrost:

- The unit features an automatic defrost function. If frost builds up on the evaporator coils, the compressor will temporarily turn off, and the fan will continue to run to melt the frost. This ensures efficient operation in cooler environments.

5. Maintenance

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



Figure 5.1: Key maintenance features including the visual water tank and washable filter.

Emptying the Water Tank:

1. When the water tank is full, the unit will stop operating, and the "Full Tank" indicator will light up.
2. Gently pull out the water tank from the front of the unit.
3. Carefully pour out the collected water.

4. Slide the empty water tank back into the unit until it is securely in place. The unit will resume operation.

Cleaning the Air Filter:

The washable 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. Locate the air filter (usually at the back or side of the unit) and gently pull it out.
3. Wash the filter with warm, soapy water. Rinse thoroughly and allow it to air dry completely before reinserting. Do not use a dishwasher or hot water.
4. Once dry, slide the filter back into its slot.

Cleaning the Unit Exterior:

- Wipe the exterior of the unit with a soft, damp cloth.
- Do not use harsh chemicals, abrasive cleaners, or solvents, as these can damage the surface.

Storage:

- If storing the unit for an extended period, ensure the water tank is empty and clean.
- Clean the air filter.
- Wrap the power cord neatly.
- Store the unit upright in a cool, dry place, away from direct sunlight and extreme temperatures.

6. Troubleshooting

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

Problem	Possible Cause	Solution
Unit does not turn on.	• Power cord not securely plugged in. • Power outlet malfunction. • Water tank full or not properly seated. • Unit is in standby mode or timer is set.	• Ensure power cord is firmly plugged into a grounded outlet. • Test the outlet with another appliance. • Empty the water tank and ensure it is correctly reinserted. • Check timer settings and press the Power button.
No water collected or dehumidification is weak.	• Air filter is clogged. • Room temperature is too low (below 41°F / 5°C). • Humidity setting is too high. • Doors/windows are open. • Unit is in Auto Defrost mode.	• Clean the air filter. • Dehumidifiers operate less efficiently in very cold conditions. • Lower the desired humidity setting. • Close all doors and windows in the operating area. • This is normal; the unit will resume dehumidifying after defrosting.

Problem	Possible Cause	Solution
Unit is noisy.	• Unit is not on a level surface. • Air filter is clogged. • Normal operating sounds (compressor, fan).	• Place the unit on a flat, stable surface. • Clean the air filter. • Some noise is normal during operation.
Water leaks from the unit.	• Water tank not properly inserted. • Drain hose is kinked or blocked (if using continuous drainage). • Unit is tilted.	• Reinsert the water tank correctly. • Check the drain hose for kinks or blockages and ensure a downward slope. • Place the unit on a level surface.

7. Specifications

Feature	Detail
Brand	Wpsoert
Model Name	WP05
Dehumidification Capacity	25 Pints/Day (95°F/90% RH)
Coverage Area	Up to 2000 Square Feet
Water Tank Volume	0.53 Gallons (2 Liters)
Product Dimensions (D x W x H)	18" x 8.98" x 11.8"
Item Weight	27.3 pounds
Operation Modes	DEHU, DRY, CONT
Fan Speeds	2
Humidity Control Range	35% - 80% (in DEHU mode)
Noise Level	≤40dB
Drain Hose Length	6.56 feet
Power Supply	120V, 60Hz
Wattage	89.99 watts
Material	Acrylonitrile Butadiene Styrene (ABS)
Special Features	Adjustable Humidity Control, Automatic Shutoff, Quiet Operation, Portable, Removable Tank, Washable Filter, Water Level Indicator, Timer, Drain Hose Outlet, Auto Defrost, Child Safety Lock

8. Warranty and Support

Wpsoert offers a free 30-day exchange/refund policy and a 1-year warranty for your dehumidifier purchase. This warranty covers defects in materials and workmanship under normal use.

If you encounter any questions or require technical support or after-sales service, please do not hesitate to contact Wpsoert customer service. Our team is available to assist you with any issues, including guidance on connecting the drain hose or operational queries.

Please refer to your purchase documentation for specific contact information or visit the official Wpsoert website for support details.

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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.

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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