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Wpsoert CT16

Wpsoert CT16 Dehumidifier User Manual

Model: CT16

1. Introduction

Thank you for choosing the Wpsoert CT16 Dehumidifier. This manual provides essential information for the safe and efficient operation of your new appliance. Please read it thoroughly before use and retain it for future reference.
The Wpsoert CT16 Dehumidifier is designed for spaces up to 1000 square feet. It can remove up to 1000 ml of moisture per day at 30°C and 80% relative humidity. This portable dehumidifier is suitable for various rooms including bedrooms, bathrooms, closets, RVs, and living rooms. It features an ultra-quiet operation and offers two drainage methods: a removable 2.5L water tank or continuous drainage via a 1-meter hose. The removable filter ensures healthy, fresh air.

2. Safety Instructions

To reduce the risk of fire, electric shock, or injury, please observe the following safety precautions:

- Always place the dehumidifier on a stable, level surface.
- Ensure the power cord is not damaged or pinched. Do not operate with a damaged cord or plug.
- Do not immerse the unit, power cord, or plug in water or other liquids.
- Keep the unit at least 20 cm (8 inches) away from walls or furniture to ensure proper airflow.
- Do not block the air inlet or outlet.
- Unplug the dehumidifier before cleaning, maintenance, or when not in use.
- 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.
- Do not use the appliance in areas where flammable liquids or gases are stored.
- Empty the water tank regularly to prevent overflow.

3. Product Components

Familiarize yourself with the main parts of your Wpsoert CT16 Dehumidifier:

- **Control Panel:** For power, mode selection, and night light control.
- **Air Inlet/Outlet:** Where air enters and exits the unit.
- **Water Tank:** Removable tank for collected moisture (2.5L capacity).
- **Drainage Port:** For connecting the continuous drain hose.
- **Removable Filter:** Located at the air inlet for air purification.
- **Power Cord:** For connecting to an electrical outlet.



Figure 1: Front view of the Wpsoert CT16 Dehumidifier, showing the control panel and water tank.

4. Setup

Follow these steps to set up your dehumidifier:

1. **Unpack:** Carefully remove the dehumidifier and all accessories from the packaging.
2. **Placement:** Place the unit upright on a firm, level surface in the desired location. Ensure there is at least 20 cm (8 inches) of clear space around the air inlet and outlet for optimal performance.
3. **Power Connection:** Plug the power cord into a grounded electrical outlet.
4. **Water Tank:** Ensure the water tank is correctly inserted into the unit.

5. Operating Instructions

5.1 Power On/Off

Press the **Power Button** on the control panel to turn the dehumidifier on or off.

5.2 Operating Modes

The dehumidifier offers two operating modes:

- **Powerful Mode:** For rapid dehumidification. This mode operates at a higher fan speed to quickly reduce humidity levels.
- **Sleep Mode:** For quiet operation. This mode runs at a lower fan speed, producing noise levels as low as 28 dB, ideal for use during sleep or in quiet environments.

Press the **Mode Button** to switch between Powerful Mode and Sleep Mode.

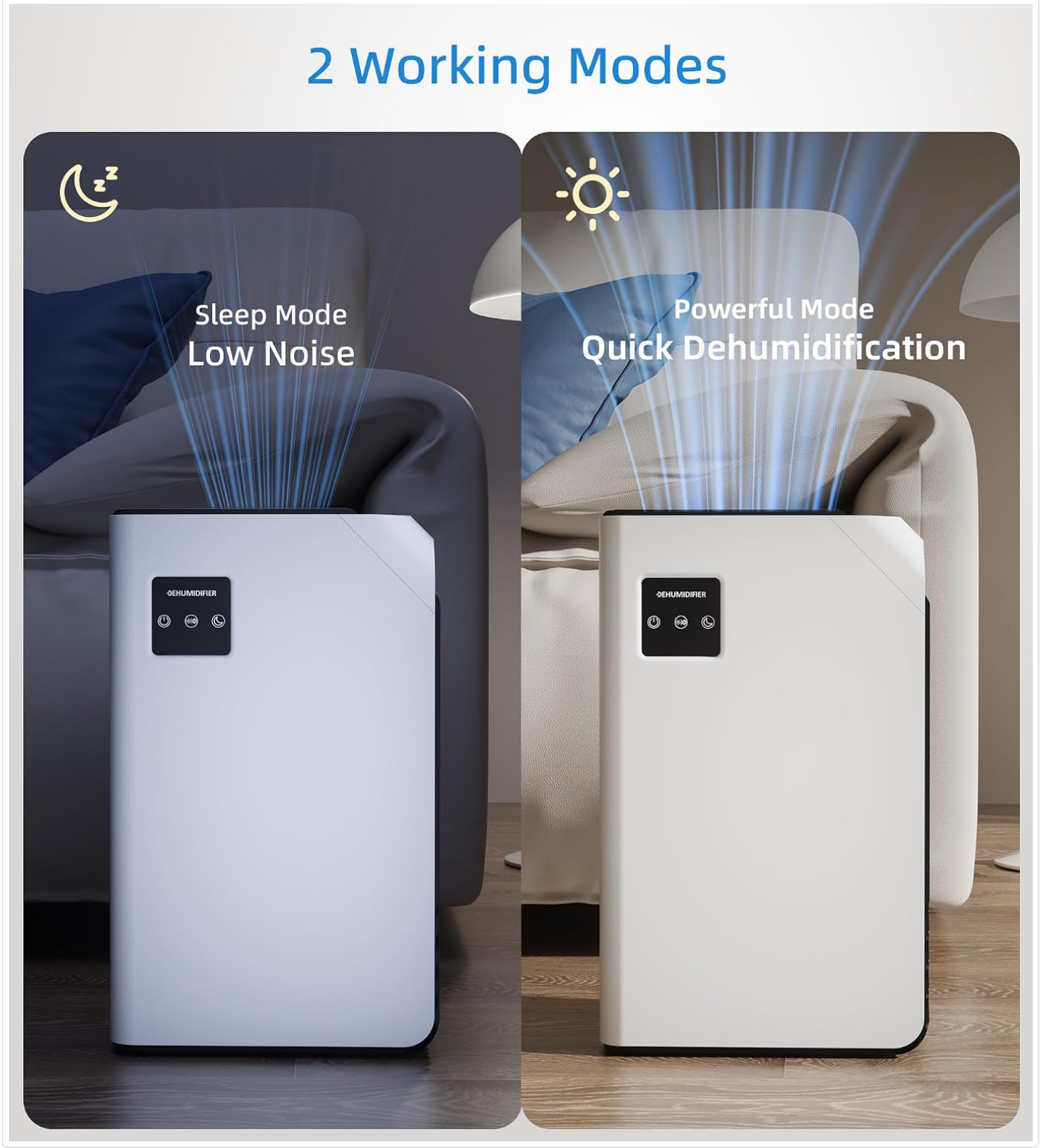


Figure 2: Illustration of the two working modes: Sleep Mode for low noise and Powerful Mode for quick dehumidification.

5.3 Drainage Options

The Wpsoert CT16 Dehumidifier offers two methods for water drainage:

1. **Manual Drainage (Water Tank):** The unit collects water in its 2.5L (88 fl oz) removable water tank. When the tank is full, the dehumidifier will automatically shut off, a red indicator light will illuminate, and the unit will beep 5 times to alert you. Carefully remove the tank, empty the collected water, and reinsert it securely.
2. **Continuous Drainage:** For extended operation without manual emptying, connect the included 1-meter drain hose to the drainage port on the back of the unit. Ensure the hose is routed downwards to a suitable drain (e.g., floor drain, large bucket) to allow gravity to facilitate continuous water flow.



Figure 3: Visual representation of manual drainage using the 88oz water tank and continuous drainage with a drain hose.

5.4 7-Color Night Light

The dehumidifier features integrated LED night lights with 7 color options. Press the**Light Button** to cycle through the colors or to lock a specific color. This function can be used independently of the dehumidification function.



Figure 4: The Wpsoert CT16 Dehumidifier displaying its 7-color ambient light feature, enhancing room ambiance.

6. Maintenance

Regular maintenance ensures optimal performance and longevity of your dehumidifier.

6.1 Cleaning the Water Tank

Empty and clean the water tank regularly to prevent mold and mildew growth. Use mild soap and warm water, then rinse thoroughly. Ensure the tank is completely dry before reinserting.

6.2 Cleaning the Air Filter

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

Unplug the unit, remove the filter, and wash it with warm, soapy water. Rinse thoroughly and allow it to air dry completely before placing it back into the unit.

6.3 Cleaning the Exterior

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

7. Troubleshooting

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

Problem	Possible Cause	Solution
Dehumidifier does not turn on	No power; Power cord not plugged in; Water tank full or incorrectly inserted.	Check power outlet; Ensure power cord is securely plugged in; Empty and reinsert water tank correctly.
No water collected	Room humidity too low; Temperature too low; Air filter clogged; Unit not running long enough.	Ensure room humidity is above 40% RH; Operate in temperatures above 5°C (41°F); Clean the air filter; Allow unit to run for several hours.
Unit is noisy	Unit not on a level surface; Air filter clogged; Obstruction in fan.	Place on a flat, stable surface; Clean the air filter; Check for and remove any obstructions.
Red indicator light is on / Unit beeps	Water tank is full.	Empty the water tank and reinsert it properly.

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

8. Specifications

Feature	Specification
Model Number	CT16
Brand	Wpsoert
Product Dimensions (L x W x H)	14.3 x 21.6 x 35.5 cm
Weight	2.77 kg
Dehumidification Capacity	Up to 1000 ml/day (at 30°C, 80% RH)
Water Tank Volume	2.5 Liters (88 fl oz)
Recommended Coverage Area	Up to 1000 sq ft

Feature	Specification
Operating Modes	Powerful, Sleep
Noise Level (Sleep Mode)	As low as 28 dB
Special Features	Automatic shut-off, 7-color night light, continuous drainage option, washable filter, portable handle
Material	Acrylonitrile Butadiene Styrene (ABS)
Included Components	Dehumidifier, Water Tank, Drain Hose



Figure 5: Dimensions of the Wpsoert CT16 Dehumidifier: 14.3cm (depth), 21.59cm (width), 35.48cm (height).

9. Warranty and Support

Wpsoert offers a 60-day replacement service to ensure your satisfaction with your purchase. If you have any questions or concerns regarding your CT16 Dehumidifier, please contact our customer service team. We are committed to providing the best possible support.

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