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**ZAFRO D4220B-YT**

# ZAFRO 45 Pints Dehumidifier User Manual

Model: D4220B-YT

## 1. Important Safety Information

Please read this manual carefully before operating your ZAFRO Dehumidifier. Keep it for future reference. Failure to follow these instructions may result in electric shock, fire, property damage, or personal injury.

- Always place the dehumidifier on a level, stable surface.
- Do not operate the unit near water or in excessively wet environments.
- Ensure the power cord is not damaged and is properly grounded.
- Do not block air inlets or outlets. Maintain at least 8 inches (20 cm) clearance around the unit.
- Unplug the unit before cleaning or performing any maintenance.
- 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 ZAFRO 45 Pints Dehumidifier is designed to efficiently remove excess moisture from your home, basement, or large rooms, improving air quality and comfort. It features multiple operating modes, auto defrost, and easy drainage options.



Front view of the ZAFRO 45 Pints Dehumidifier, showcasing its sleek white design and integrated water tank.




Product dimensions: 9 inches (D) x 13 inches (W) x 22 inches (H), indicating its compact size for various placements.

### Key Features:

- **45 Pints Capacity:** Capable of removing up to 45 pints of moisture per day, suitable for areas up to 4500 square feet.
- **Multiple Working Modes:** Features Auto, Continuous (Cont), and Sleep modes for versatile operation.
- **Adjustable Humidity:** Allows humidity levels to be set between 30% and 80%.
- **Full-Tank Protection:** Automatically stops operation when the water tank is full, with an indicator light and audible beep.
- **Low Noise Operation:** Equipped with a high-efficiency compressor for quiet operation (≤45dB), ideal for bedrooms and living spaces.
- **Easy Maintenance:** Features an easily removable and washable filter for simple cleaning.
- **Portability:** Designed with recessed handles and 4 castor wheels for effortless movement between rooms.
- **Auto Defrost:** Prevents ice buildup on the coils, ensuring efficient operation in cooler environments.
- **12-Hour Timer:** Allows for scheduled operation, enhancing energy efficiency.
- **Dry Clothes Function:** A dedicated mode to assist in drying laundry faster.

## 3. Setup

### Unpacking and Placement:

1. Carefully remove the dehumidifier from its packaging.
2. Place the unit upright on a firm, level surface. Ensure there is at least 8 inches (20 cm) of space around all sides for proper airflow.
3. Avoid placing the unit near heat sources, in direct sunlight, or in areas where it might be exposed to freezing temperatures.
4. Ensure the water tank is correctly inserted into the unit.



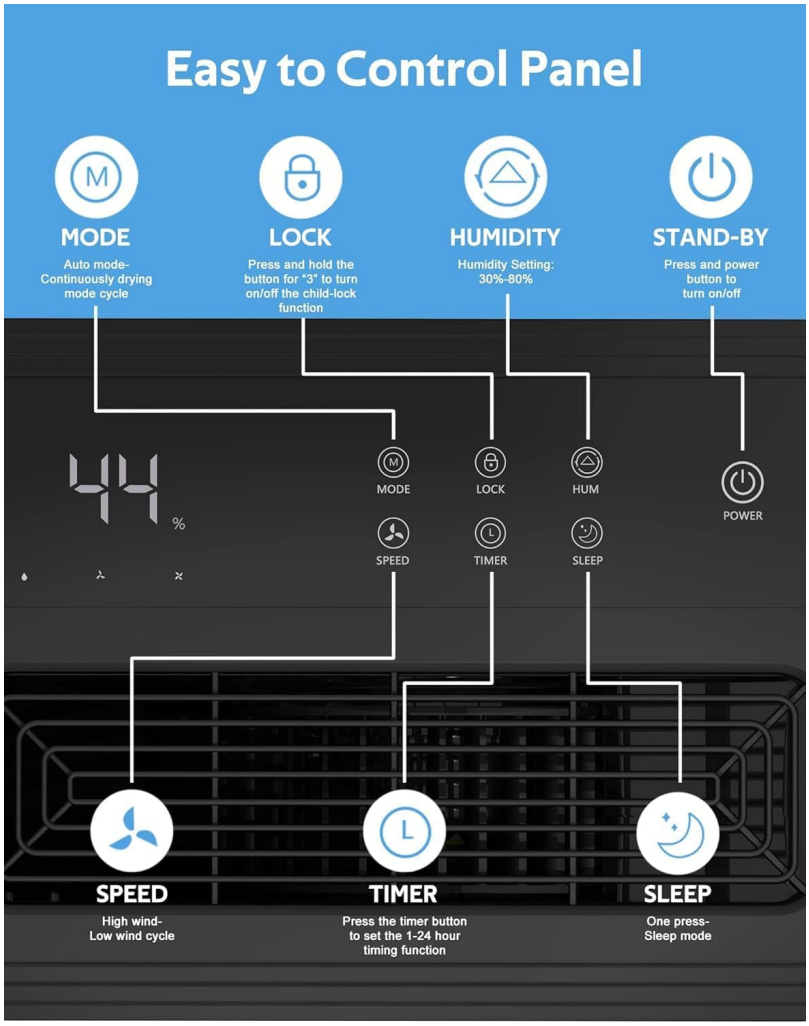

The dehumidifier features recessed handles and 4 castor wheels for easy mobility and placement.

### Power Connection:

Plug the power cord into a grounded electrical outlet. The unit is now ready for operation.

## 4. Operating Instructions

### Control Panel Overview:




Detailed diagram of the control panel, showing buttons for Mode, Lock, Humidity, Stand-by, Speed, Timer, and Sleep functions.

- **Power Button:** Press to turn the unit ON or OFF.
- **Mode Button:** Cycles through Auto, Continuous, and Sleep modes.
- **Humidity Button (HUM):** Adjusts the desired humidity level (30% to 80%).
- **Speed Button:** Toggles between high and low fan speeds.
- **Timer Button:** Sets the 0-12 hour timing function for automatic shut-off.
- **Lock Button:** Press and hold for 3 seconds to activate/deactivate the child lock function.
- **Sleep/Reset Button:** Activates Sleep mode with one press.

## Operating Modes:




Visual representation of the three working modes: Auto Mode, Continuous Drying Mode, and Sleep Mode.

- **Auto Mode:** Both fan speed and humidity can be adjusted. The unit will operate to maintain the set humidity level.
- **Continuous Drying Mode (Cont):** The machine runs continuously, and the humidity level cannot be adjusted. Ideal for drying clothes or very damp environments.
- **Sleep Mode:** Both fan speed and humidity can be adjusted. The display lights dim, and the fan operates at a lower speed for quieter operation.

## Drainage Methods:




Diagram illustrating both manual drainage using the water tank and continuous drainage via a hose connection.

- **Manual Drainage (Water Tank):**
  When the 0.53-gallon water tank is full, the unit will automatically stop, the "Full" indicator will light up, and an audible beep will sound. Carefully pull out the water tank, empty it, and reinsert it firmly until it clicks into place. The unit will resume operation.
- **Continuous Drainage (Drain Hose):**
  For continuous operation without emptying the tank, attach the included 3.3-foot drain hose to the continuous drain outlet on the back of the unit. Ensure the hose is sloped downwards to allow gravity drainage into a suitable floor drain or large container.

## 5. Maintenance

### Cleaning the Air Filter:

Regular cleaning of the air filter is crucial for maintaining the dehumidifier's efficiency and lifespan. It is recommended to clean the filter every two weeks or more frequently depending on usage.

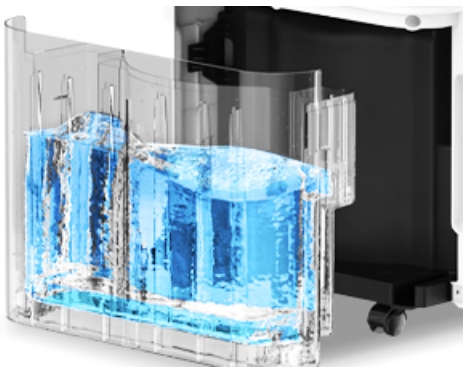


Image showing the air filter being rinsed under running water, demonstrating the ease of cleaning.

1. Unplug the dehumidifier from the power outlet.
2. Locate the air filter on the back of the unit. Gently pull it out.
3. Use a vacuum cleaner to remove dust and debris from the filter.
4. For a more thorough cleaning, rinse the filter under running water (lukewarm, not hot).
5. Allow the filter to air dry completely before reinserting it into the unit. Do not use a dryer or direct heat.

*Note: The provided video (if any) is a customer review and does not demonstrate proper cleaning. Always refer to these instructions.*

### Cleaning the Water Tank:

To prevent mold and mildew growth, clean the water tank regularly.

1. Remove the water tank from the unit.
2. Rinse the tank with clean water. For stubborn residue, use a mild detergent and a soft cloth.
3. Ensure the tank is thoroughly rinsed to remove all soap residue.
4. Dry the tank completely before placing it back into the dehumidifier.

### Auto Defrost Function:

The dehumidifier is equipped with an automatic defrost function. If frost builds up on the evaporator coils, the compressor will cycle off, and the fan will continue to run until the frost melts. This is normal operation and ensures efficient performance in cooler conditions.

## 6. 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; Power cord not plugged in; Water tank full or not properly inserted. | Check power supply; Ensure cord is securely plugged in; Empty and reinsert water tank correctly. |
| Unit is running but not collecting water. | Humidity setting too high; Room temperature too low; Air filter clogged; Unit size too small for area. | Lower the humidity setting; Ensure room temperature is above 41°F (5°C); Clean the air filter; Consider a larger capacity unit if the area is too big. |
| Unit is noisy. | Unit not on a level surface; Air filter clogged; Internal component issue. | Place on a level surface; Clean the air filter; If noise persists, contact customer support. |

| Problem | Possible Cause | Solution |
|---|---|---|
| Frost appears on coils. | Normal operation of auto defrost; Room temperature too low. | Allow auto defrost cycle to complete; Ensure room temperature is within operating range. |
| Water leaking from unit. | Water tank not properly seated; Continuous drain hose not connected correctly or clogged. | Reinsert water tank firmly; Check continuous drain hose for proper connection and clear any blockages. |

## 7. Specifications

| Feature | Detail |
|---|---|
| Brand | ZAFRO |
| Model Name | D4220B-YT |
| Dehumidification Capacity | 45 Pints per Day |
| Coverage Area | Up to 4500 Square Feet |
| Tank Volume | 0.53 Gallons (approx. 4.24 Pints) |
| Product Dimensions | 9"D x 13"W x 22"H |
| Item Weight | 37.5 pounds |
| Color | White |
| Number of Speeds | 3 |
| Special Features | Automatic Defrost, Timer, Dry Clothes Function, Child Lock |
| Operation Modes | Auto, Continuous, Sleep |

## 8. Warranty and Support

For warranty information and customer support, please refer to the documentation included with your purchase or contact ZAFRO directly. Warranty terms and conditions may vary.
For assistance, please visit the official ZAFRO website or contact their customer service department. Have your model number (D4220B-YT) and purchase details ready when contacting support.

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