

Vellgoo DryTank (VGE033A3BS)

Vellgoo 4,500 Sq.Ft Most Efficient Energy Star 2024 Dehumidifier Instruction Manual

Model: DryTank (VGE033A3BS)

Brand: Vellgoo

1. INTRODUCTION

Thank you for choosing the Vellgoo 4,500 Sq.Ft Most Efficient Energy Star 2024 Dehumidifier. This appliance is designed to effectively remove excess moisture from your indoor environment, creating a healthier and more comfortable living space. It is ideal for basements, bathrooms, garages, and offices, capable of removing up to 52 pints of moisture per day and adjusting humidity levels from 40% to 80%.

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new dehumidifier. Please read it thoroughly before initial use and keep it for future reference.

2. IMPORTANT SAFETY INSTRUCTIONS

- **Read All Instructions:** Before operating the dehumidifier, carefully read and understand all instructions provided in this manual.
- **Proper Placement:** Ensure the unit is placed on a stable, level surface. Maintain adequate clearance around the unit for proper airflow.
- **Initial Setup:** **IMPORTANT: Please upright the unit for 24 hours before plugging it in.** This allows the refrigerant to settle.
- **Power Supply:** Connect the unit to a grounded electrical outlet with the correct voltage. Do not use extension cords or adapter plugs.
- **Electrical Safety:** Do not operate the dehumidifier with a damaged power cord or plug. If the cord is damaged, it must be replaced by the manufacturer or a qualified service agent.
- **Water Tank:** Always ensure the water tank is correctly inserted before operating. Do not drink the collected water.

- **Filter Maintenance:** Regularly clean the air filter to maintain optimal performance and prevent overheating.
- **Children and Pets:** Keep children and pets away from the unit during operation. The unit features a child lock for added safety.
- **Certifications:** This dehumidifier is Energy Star certified, ensuring energy efficiency. It is also RoHS and ETL certified, guaranteeing product safety and quality.

3. SETUP GUIDE

3.1 Unpacking

Carefully remove the dehumidifier from its packaging. Inspect the unit for any signs of damage during transit. Retain the packaging materials for future storage or transport.

3.2 Placement

Place the dehumidifier on a firm, level surface in the area where dehumidification is desired. Ensure there is at least 8 inches (20 cm) of space around all sides of the unit for proper air circulation. Avoid placing the unit near heat sources or in direct sunlight.

3.3 Initial Setup

After unpacking, place the dehumidifier upright for a minimum of 24 hours before plugging it into a power outlet. This allows the refrigerant to stabilize, ensuring optimal performance and longevity of the unit.



Figure 1: Front-angled view of the Vellgoo Dehumidifier, showcasing its sleek design and Energy Star label.

4. OPERATING INSTRUCTIONS

4.1 Control Panel Overview

The control panel is located on the top of the unit and features an LED display and touch-sensitive buttons for easy operation.

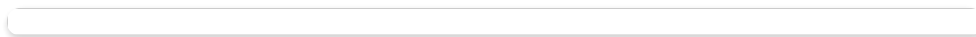


Figure 2: Detailed view of the control panel, showing the digital humidity display and various function buttons.

- **Power Button:** Turns the unit ON or OFF.
- **Fan Speed Button:** Adjusts the fan speed (Low, Medium, High).
- **Timer Button:** Sets the auto ON/OFF timer (0-24 hours).
- **Setting Button:** Allows manual adjustment of the target humidity level (40%-80%).
- **Comfort Mode Button:** Activates Comfort Mode, which maintains relative humidity between 45%-55% RH.

4.2 Operating Modes

- **Continuous Mode:** The unit runs continuously, turned on by default, ideal for very damp environments like basements and laundry rooms.
- **Comfort Mode:** Automatically adjusts operation to maintain a comfortable relative humidity between 45% and 55% RH.
- **Custom Mode:** Allows you to manually set your desired humidity level between 40% and 80%. The unit will cycle on and off to maintain this setting.

Figure 3: Visual representation of the dehumidifier's three operating modes: Continuous, Comfort, and Custom, suitable for various room types.

4.3 Drainage Options

Your Vellgoo dehumidifier offers flexible drainage solutions:

- **Manual Drainage:** The unit collects water in its internal 5.5L (1.4 Gallon) bucket. When the bucket is full, the unit will automatically shut off and indicate that it needs to be emptied. The bucket features a convenient carrying handle for easy removal and emptying.
- **Continuous Drainage:** For hassle-free operation, you can connect the included 6.56-foot drain hose to the unit's continuous drainage port. This allows water to drain directly into a floor drain or suitable drainage facility, eliminating the need for manual emptying. A hose adapter for a garden hose is also included (found in the bucket).

Figure 4: Illustration of the manual and continuous drainage methods, highlighting the included drain hose and adapter.

5. MAINTENANCE

5.1 Filter Cleaning

The dehumidifier is equipped with a washable nylon filter to ensure clean air output and efficient operation. It is recommended to clean the filter every two weeks or more frequently depending on usage and air quality.

1. Turn off the dehumidifier and unplug it from the power outlet.
2. Locate the filter access panel (usually on the side or back of the unit).
3. Remove the filter by gently pulling it out.
4. Wash the filter with warm, soapy water. Rinse thoroughly and allow it to air dry completely before reinserting.
5. Once dry, slide the filter back into its slot until it clicks into place.

Figure 5: The washable nylon filter being cleaned, emphasizing ease of maintenance.

5.2 General Cleaning and Storage

Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. If storing the unit for an extended period, ensure the water tank is empty and clean, and the unit is dry before packing it in its original packaging.

6. TROUBLESHOOTING

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

- **Unit Does Not Turn On:** Check if the power cord is securely plugged into a grounded outlet. Ensure the power button is pressed.
- **Unit Not Dehumidifying:** Verify that the humidity setting is lower than the current room humidity. Check if the air filter is clean and not obstructed. Ensure the water tank is correctly inserted.
- **Water Tank Full Indicator On, But Tank Not Full:** Ensure the water tank is properly seated in the unit.
- **Unusual Noise:** Check if the unit is on a level surface. Ensure the filter is clean and properly installed.

6.1 Auto Features

The Vellgoo dehumidifier includes several automatic features for convenience and safety:

- **Auto-Restart:** In case of a power outage, the unit will automatically restart with its previous settings once power is restored.
- **Auto Defrost:** If frost builds up on the evaporator coils, the unit will automatically enter defrost mode to melt the frost, ensuring efficient operation.
- **Child Lock:** Activates to prevent accidental changes to settings by children or pets. Refer to the control panel section for activation instructions.

Figure 6: Overview of the dehumidifier's intelligent auto features for enhanced user experience.

7. SPECIFICATIONS

Feature	Specification
Brand	Vellgoo
Model Name	DryTank (VGE033A3BS)
Floor Area Coverage	4,500 Square Feet
Dehumidification Capacity	52 Pints per Day (86°F, 80% RH)
Tank Volume	1.45 Gallons (5.5 Liters)
Product Dimensions (D x W x H)	14.5"D x 8.65"W x 24.09"H
Item Weight	34 pounds
Special Feature	Automatic Shutoff
Number of Speeds	3
Operation Modes	Continuous, Comfort, Custom
Air Flow Capacity	8829 CFPH

Upper Temperature Rating	95 Degrees Fahrenheit
Material	Acrylonitrile Butadiene Styrene (ABS)

8. WARRANTY AND SUPPORT

Vellgoo is committed to providing high-quality products and excellent customer support. Your dehumidifier comes with the following warranty and support:

- **1-Year 24/7 After-Sales Support:** For any immediate assistance or questions.
- **2-Year Paperless Extended Service:** Details can be found in the user manual (PDF) available online.
- **5-Year Support for Compressors:** Extended coverage for the core component of your dehumidifier.

For technical support or warranty claims, please contact Vellgoo customer service. We promise a response within 24 hours on workdays.