

Vacplus VA-D1909

Vacplus VA-D1909 60-Pint Dehumidifier User Manual

Model: VA-D1909 | Brand: Vacplus

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Vacplus VA-D1909 Dehumidifier. Please read all instructions carefully before use and retain this manual for future reference. This dehumidifier is designed to remove excess moisture from indoor air, helping to create a more comfortable and healthy environment in spaces up to 4,000 square feet.

2. IMPORTANT SAFETY INSTRUCTIONS

- Always connect the unit to a grounded power outlet.
- Do not operate the dehumidifier with a damaged power cord or plug.
- Ensure the unit is placed on a stable, level surface to prevent tipping.
- Maintain at least 8 inches (20 cm) of clearance around the air inlet and outlet for proper airflow.
- Do not insert objects into the air vents.
- Unplug the unit before cleaning or performing any maintenance.
- Keep the dehumidifier away from heat sources and direct sunlight.
- 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.

3. PRODUCT OVERVIEW

The Vacplus VA-D1909 Dehumidifier is designed for effective moisture removal with user-friendly features.

3.1 Components

- **Control Panel:** For setting modes, humidity levels, and timer.
- **Air Outlet:** Where dry air is expelled.
- **Air Inlet:** Where humid air is drawn in, located at the rear.
- **Water Tank:** Collects condensed water.
- **Drainage Port:** For continuous drainage option.
- **Handle:** For easy portability.
- **Universal Wheels:** For flexible movement.

3.2 Key Features

- **Efficient Dehumidification:** Removes up to 60 pints of moisture per day (at 86°F, 80% RH).
- **Effortless Humidity Control:** Automatically maintains desired humidity levels.
- **Multiple Operating Modes:** Standard, Raining, Sleep, and Drying modes.
- **Two Drainage Options:** Manual water tank or continuous drain hose.
- **Quiet Operation:** Designed for minimal noise disruption.
- **Portable Design:** Integrated handle and universal wheels for easy relocation.

BRAND-NEW LARGE CUBAGE CONDENSER AND EVAPORATOR IN TWO ROWS

The efficiency of dehumidification is greatly improved by the rapid condensation. Remove moisture faster and more efficiently.



Figure 3.1: Front view of the Vacplus VA-D1909 Dehumidifier.



Figure 3.2: Top-down view of the control panel with various buttons and display.

4. SETUP

4.1 Unpacking

Carefully remove the dehumidifier from its packaging. Inspect the unit for any shipping damage. Retain the packaging materials for future storage or transport.

4.2 Placement

Place the dehumidifier on a firm, level surface in an area where the temperature will not fall below 41°F (5°C). Ensure there is at least 8 inches (20 cm) of space on all sides of the unit to allow for proper air circulation. Do not block the air inlet or outlet.



Figure 4.1: The dehumidifier is suitable for various rooms such as living rooms, bedrooms, and basements.

4.3 Power Connection

Plug the power cord into a dedicated, grounded 120V AC, 60Hz electrical outlet. Do not use extension cords or power strips.

5. OPERATING INSTRUCTIONS

Familiarize yourself with the control panel for optimal use of your dehumidifier.

5.1 Control Panel Functions



Figure 5.1: Detailed view of the control panel buttons and indicators.

- **ON/OFF Button:** Press to turn the unit on or off.
- **MODE Button:** Cycles through Standard, Raining, Sleep, and Drying modes.
- **HUM Button:** In Standard mode, press to set your desired humidity level (from 30% to 80% RH in 5% increments).
- **TIMER Button:** Sets the auto-on or auto-off timer (0-24 hours).
- **FULL Indicator:** Lights up when the water tank is full.
- **DEFROST Indicator:** Lights up when the unit is defrosting.
- **ANION Button:** Activates the anion function for air purification.

5.2 Operating Modes

- **Standard Mode:** Allows manual setting of desired humidity. The unit will operate until the set humidity is reached, then cycle on/off to maintain it.
- **Raining Mode:** Automatically sets the humidity to a comfortable 45% RH, ideal for damp conditions.
- **Sleep Mode:** Operates at a pleasant 50% RH with ultra-quiet operation, suitable for bedrooms.
- **Drying Mode:** Provides continuous operation to dry clothes or extremely damp areas.

Your browser does not support the video tag.

Video 5.1: This video demonstrates the intelligent humidity control, various operating modes (Standard, Raining, Sleep, Drying), and the two-way timer setting of the Vacplus Dehumidifier. It also shows the detachable filter and drainage options.

6. DRAINAGE OPTIONS

Your dehumidifier offers two methods for water removal:

6.1 Manual Drainage (Water Tank)

When the water tank is full, the unit will automatically shut off, and the "FULL" indicator will illuminate. Carefully remove the water tank from the unit, empty the collected water, and then reinsert the tank securely. The unit will resume operation.

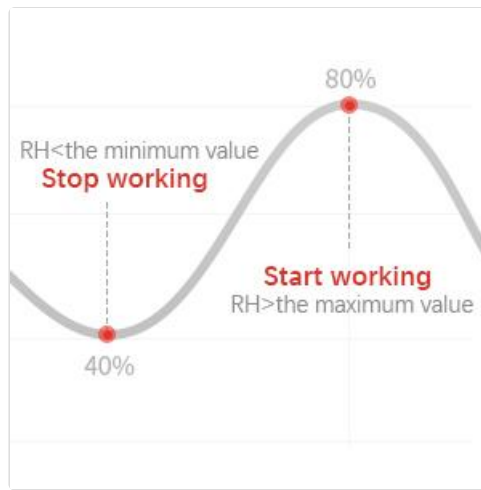


Figure 6.1: The unit's humidity monitor indicates when the tank is full or when humidity levels are outside the desired range.

6.2 Continuous Drainage (Drain Hose)

For continuous operation without emptying the water tank, attach a drain hose (not included) to the continuous drainage port at the back of the unit. Ensure the hose is sloped downwards to allow gravity to drain the water into a suitable floor drain or container. Refer to the diagram below for connection.



Figure 6.2: Illustration of both continuous drainage via a hose and manual drainage by removing the water tank.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your dehumidifier.

7.1 Cleaning the Air Filter

The air filter should be cleaned every two weeks or more frequently depending on usage and air quality. A dirty filter can reduce efficiency and cause the unit to work harder.

1. Turn off and unplug the dehumidifier.
2. Remove the filter from the back of the unit.
3. Wash the filter with warm, soapy water. Rinse thoroughly.
4. Allow the filter to air dry completely before reinserting it into the unit.



Figure 7.1: Steps for removing the air filter for cleaning.

7.2 Cleaning the Water Tank

Clean the water tank periodically to prevent mold and mildew growth. Use a mild detergent and warm water. Rinse thoroughly and ensure it is dry before placing it back in the unit.

7.3 External Cleaning

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

8. TROUBLESHOOTING

Before contacting customer support, please refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power, water tank full, or temperature too low.	Check power connection, empty water tank, ensure room temperature is above 41°F (5°C).
No water collected or insufficient dehumidification.	Air filter clogged, humidity setting too high, or room size too large.	Clean air filter, lower desired humidity setting, ensure unit is appropriate for room size.

Problem	Possible Cause	Solution
Unit is noisy.	Unit not on a level surface, or internal components vibrating.	Ensure unit is on a flat, stable surface. Check for any loose parts.
"FULL" indicator remains on after emptying tank.	Water tank not properly reinserted.	Remove and firmly reinsert the water tank until it clicks into place.

For more detailed troubleshooting or issues not listed here, please refer to the complete user manual or contact Vacplus customer support.

9. SPECIFICATIONS

Feature	Specification
Brand	Vacplus
Model Name	VA-D1909
Dehumidification Capacity	60 Pints per Day (86°F, 80% RH)
Floor Area Coverage	Up to 4000 Square Feet
Water Tank Volume	3 Liters (approx. 6.3 pints)
Product Dimensions (D x W x H)	15"D x 10.3"W x 23.6"H
Item Weight	32.1 pounds
Special Features	Portable, Quiet Operation, Removable Tank, Continuous Drain Option
Included Components	Dehumidifier, User Manual

10. WARRANTY AND SUPPORT

Vacplus products are manufactured to high-quality standards. For warranty information, please refer to the warranty card included with your product or contact Vacplus customer support directly. Keep your purchase receipt as proof of purchase for warranty claims.

For technical assistance, troubleshooting not covered in this manual, or to inquire about replacement parts, please contact Vacplus customer service through the contact information provided in your product packaging or on the official Vacplus website.