

DGVAM V2

DGVAM V2 Dehumidifier Instruction Manual

Model: V2

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your DGVAM V2 Dehumidifier. Please read this manual thoroughly before using the appliance and retain it for future reference. The DGVAM V2 Dehumidifier is designed to remove excess moisture from indoor environments, suitable for areas up to 4500 square feet, including basements, homes, bathrooms, garages, and large rooms. It features humidity control, an auto shut-off function, and a quiet compressor.



Image 1.1: The DGVAM V2 Dehumidifier in a living room setting, demonstrating its effective coverage for large spaces. It is capable of removing 45-80 pints of moisture per day and is designed for energy efficiency.

2. SAFETY INSTRUCTIONS

To prevent injury to the user or others and property damage, the following instructions must be followed. Incorrect operation due to ignoring instructions may cause harm or damage.

- Always ensure the dehumidifier is placed on a level, stable surface.
- Do not operate the unit near flammable gases or combustible materials.
- Keep a minimum distance of 8 inches (20 cm) from walls or furniture to ensure proper airflow.

- Do not insert objects into the air inlet or outlet.
- Unplug the unit before cleaning or performing any maintenance.
- Do not use the dehumidifier in areas where water may splash onto it.
- Ensure the power cord is not damaged or pinched.
- 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 FEATURES

The DGVAM V2 Dehumidifier incorporates advanced features for effective moisture removal and user convenience.

- **High Efficiency Moisture Removal:** Capable of removing 18-80 pints of moisture per day, covering up to 4500 sq.ft.
- **Quiet Operation:** Operates at approximately 40 dB, suitable for bedrooms and offices.
- **Intelligent Humidity Control:** Monitors room conditions and adjusts operation to maintain desired humidity levels.
- **Auto Defrost Function:** Ensures stable performance in cooler, damp environments (temperatures as low as 41°F).
- **Multiple Drainage Options:** Supports continuous drainage via an included hose or manual emptying of the removable water tank.
- **Auto Shut-off:** Automatically stops operation when the water tank is full.
- **Energy Efficient:** Designed for optimized power consumption during extended use.
- **Easy Mobility:** Equipped with 360° rotatable wheels and a built-in handle for convenient relocation.
- **Washable Filter:** Reusable filter for easy maintenance.



Image 3.1: Internal components of the DGVAM V2 Dehumidifier, illustrating the Auto-Defrost System, Smart Electronic Control Chip, Brushless DC Inverter Motor, Flexible Fan System, Powerful Refrigerant Cycle Compressor, and Pure Copper Tubes with Internal Threading. These components contribute to the unit's efficiency and durability.

### 4. PACKAGE CONTENTS

Verify that all items are present in the package upon unboxing:

- DGVAM V2 Dehumidifier Unit
- Drain Hose (40-inch)
- User Manual

## 5. SETUP

### 5.1 Placement

Place the dehumidifier on a firm, level surface in an area where the ambient temperature will not fall below 41°F (5°C). Ensure there is at least 8 inches (20 cm) of space around the unit for proper air circulation.

### 5.2 Power Connection

Connect the power cord to a grounded electrical outlet. The unit will enter standby mode.

### 5.3 Drainage Options

The DGVAM V2 Dehumidifier offers two methods for water removal:

1. **Manual Drainage (Water Tank):** The unit collects water in its internal 1.72-gallon water tank. When the tank is full, the unit will automatically shut off and an indicator light will illuminate. Remove the tank, empty the water, and reinsert it securely to resume operation.
2. **Continuous Drainage (Drain Hose):** For continuous operation without manual emptying, attach the included 40-inch drain hose to the continuous drain port on the back of the unit. Ensure the hose is sloped downwards to a floor drain or suitable receptacle to allow gravity to drain the water.

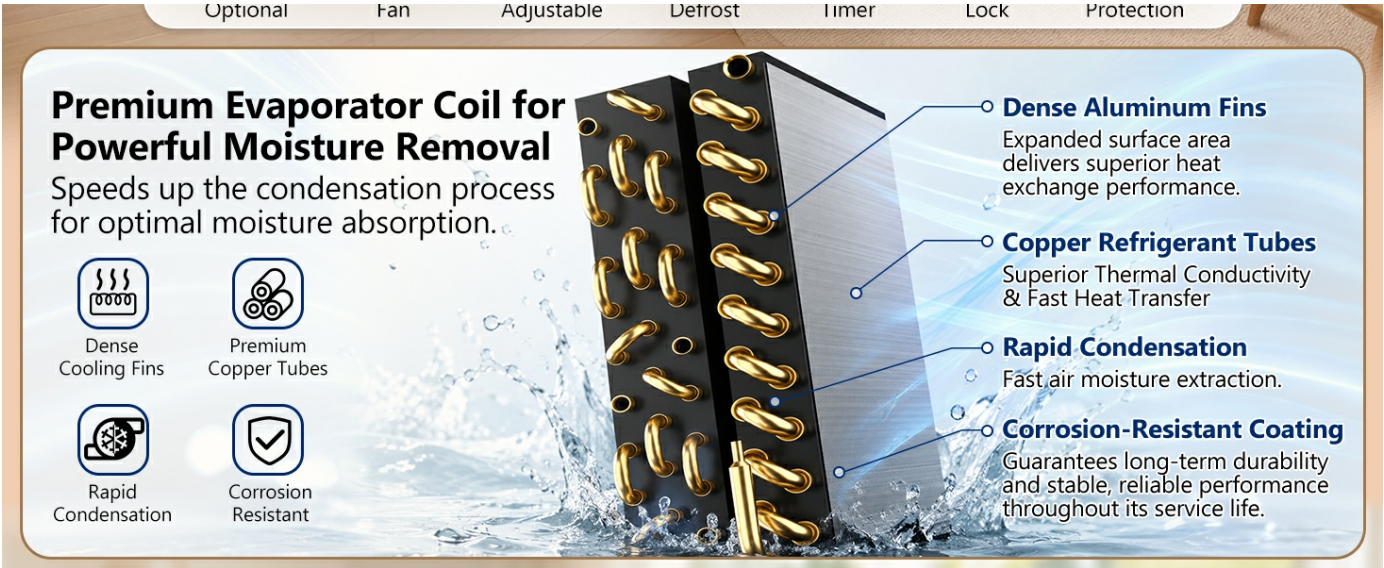


Image 5.1: The dehumidifier configured for continuous drainage using the included hose (left) and with its 1.72-gallon water tank removed for manual emptying (right). The auto shut-off feature activates when the tank is full.

## 6. OPERATING INSTRUCTIONS

### 6.1 Control Panel Overview

The control panel allows you to manage all functions of the dehumidifier. Refer to Image 6.1 for button layout.

## 3-Color Ambient Light Bar | Clear Humidity Indication



Image 6.1: Detailed view of the control panel, showing various function buttons and the digital display for humidity levels and settings.

- **ON/OFF Button:** Powers the unit on or off.
- **Dehumidify Mode Button:** Cycles through available operating modes (DEHU, CONT, DRY, SLEEP).
- **Fan Speed Button:** Adjusts fan speed (Low/High).
- **Dry Mode Button:** Activates continuous rapid drying.
- **Increase/Decrease Buttons:** Adjusts target humidity level or timer settings.
- **Timer Button:** Sets the 24-hour auto on/off timer.
- **Sleep Button:** Activates sleep mode for quiet operation.
- **Ventilate Button:** Activates ventilation mode.
- **Child Lock Button:** Locks the control panel to prevent accidental changes.

### 6.2 Operating Modes

The dehumidifier features four smart operating modes:

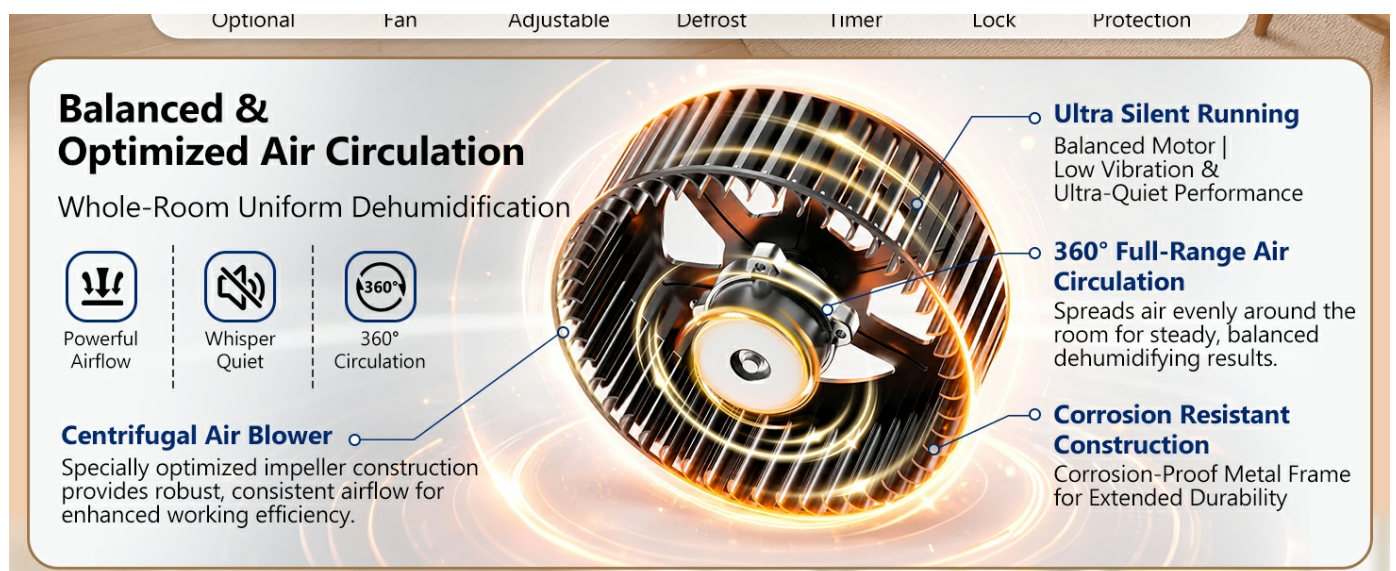


Image 6.2: Visual representation of the four smart modes and their typical applications within a home environment.

- **DEHU Mode:** Allows adjustment of target humidity between 30% and 80% Relative Humidity (RH) for customized comfort.
- **CONT Mode (Continuous):** Operates continuously, ideal for very damp areas like basements or during extreme humidity.
- **DRY Mode:** Provides continuous rapid drying, suitable for drying clothes or quickly reducing high humidity.
- **SLEEP Mode:** Operates at the lowest fan speed with muted screen lights for quiet nighttime use (approximately 40dB).

## 6.3 Setting Humidity and Timer

- **Setting Target Humidity:** In DEHU mode, use the Increase/Decrease buttons to set your desired humidity level. The unit will operate until this level is reached, then cycle on and off to maintain it.
- **Setting the Timer:** Press the Timer button, then use the Increase/Decrease buttons to set the desired operating duration (1-24 hours) for auto power on or off.

## 6.4 Child Lock Function

Press and hold the Child Lock button for 3 seconds to activate or deactivate the child lock. When active, the control panel buttons will not respond to input, preventing accidental changes to settings.

## 6.5 Full Tank Protection

The unit is equipped with a full tank protection feature. When the water tank reaches its maximum capacity, the dehumidifier will automatically shut off, and an indicator light will illuminate to alert you to empty the tank. This prevents overflow.



Image 6.3: The dehumidifier displaying an alarm icon, indicating that the water tank is full and requires emptying.

# 7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan 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.

1. Turn off the dehumidifier and unplug it from the power outlet.
2. Remove the filter from the back of the unit.
3. Wash the filter with clean water (no hotter than 104°F / 40°C) and a mild detergent.
4. Rinse thoroughly and allow it to air dry completely before reinserting.
5. Do not operate the dehumidifier without the filter.



Image 7.1: Close-up of the dehumidifier showing the removable and washable air filter, along with the built-in handle and 360° silent wheels for portability.

## 7.2 Cleaning the Water Tank

Clean the water tank periodically to prevent mold and bacteria growth.

1. Remove the water tank from the unit.
2. Wash the tank with clean water and a mild detergent.
3. Rinse thoroughly and dry before placing it back into the dehumidifier.

## 7.3 Storage

If the unit will not be used for an extended period:

1. Empty and clean the water tank.
2. Clean the air filter.
3. Unplug the power cord and coil it neatly.
4. Store the unit upright in a cool, dry place, away from direct sunlight.

# 8. TROUBLESHOOTING

Before contacting support, refer to the following table for common issues and solutions.

| Problem                                         | Possible Cause                        | Solution                                                                                                           |
|-------------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Dehumidifier does not turn on.                  | No power supply.                      | Ensure the unit is plugged into a working outlet. Check the circuit breaker.                                       |
| Unit is running but not collecting water.       | Humidity level is already low.        | The ambient humidity may be below the set target humidity. Lower the target humidity or select CONT mode.          |
|                                                 | Temperature is too low.               | The unit may be in defrost mode. Operation will resume automatically. Ensure room temperature is above 41°F (5°C). |
|                                                 | Air filter is clogged.                | Clean the air filter as described in Section 7.1.                                                                  |
| Unit stops operating and indicator light is on. | Water tank is full.                   | Empty the water tank and reinsert it securely.                                                                     |
|                                                 | Water tank is not properly installed. | Remove and reinsert the water tank, ensuring it is seated correctly.                                               |
| Unit is noisy.                                  | Unit is not on a level surface.       | Place the unit on a flat, stable surface.                                                                          |
|                                                 | Obstruction in air inlet/outlet.      | Remove any obstructions and ensure proper clearance.                                                               |

## 9. SPECIFICATIONS

Detailed technical specifications for the DGVAM V2 Dehumidifier.

- **Brand:** DGVAM
- **Model Name:** V2
- **Floor Area Coverage:** 4500 Square Feet
- **Dehumidification Capacity:** 45 Pints per Day (under AHAM standard conditions) / Up to 80 Pints per Day (at 95°F, 90% RH)
- **Water Tank Capacity:** 1.72 gallons
- **Product Dimensions (D x W x H):** 9.65"D x 15"W x 25"H
- **Item Weight:** 31 Pounds
- **Material:** Plastic
- **Operation Mode:** Automatic
- **Special Features:** Automatic Shutoff, Removable Tank, Washable Filter, Humidity Control, Auto Defrost, Quiet Compressor
- **Included Components:** Dehumidifier, Drain Hose
- **Recommended Uses:** Residential (Basement, Bedroom, Living Room, Bathroom, Laundry Room, Office)
- **Smart Home Compatibility:** Smart Home Compatible

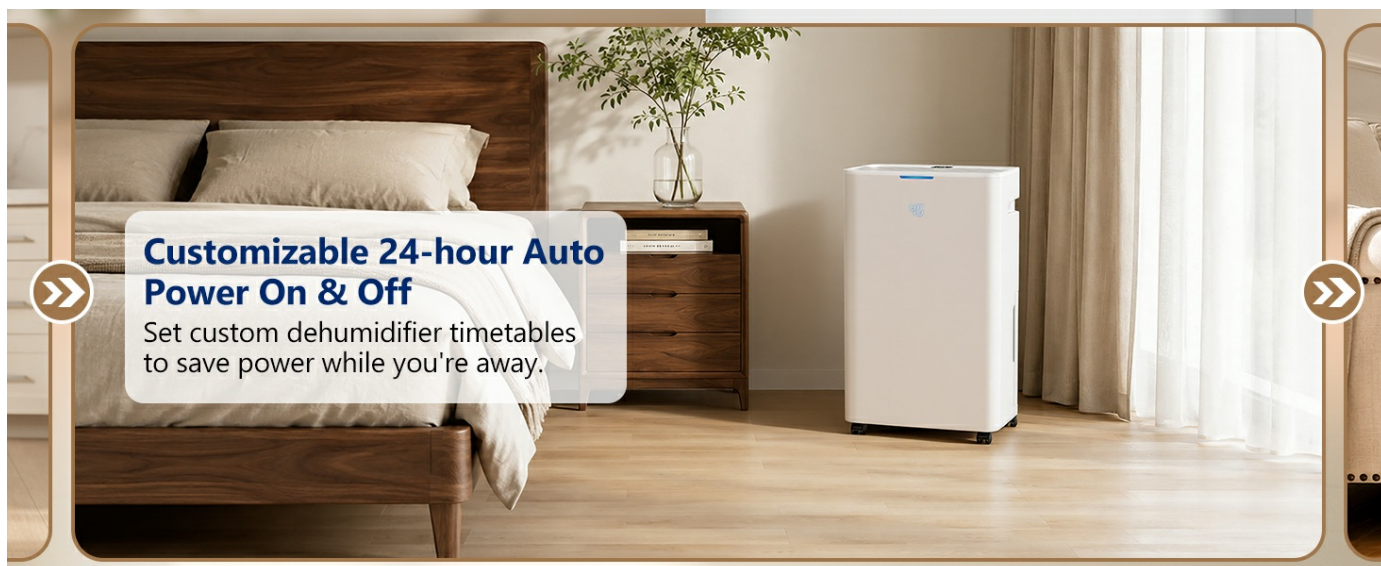


Image 9.1: The DGVAM V2 Dehumidifier with its key dimensions and features such as the built-in handle, 360° rotatable wheels, washable filter, and 3.2ft charging cord.

## 10. WARRANTY AND SUPPORT

### 10.1 Warranty Information

The DGVAM V2 Dehumidifier comes with a **1-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, accident, alteration, or unauthorized repair.

### 10.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your DGVAM V2 Dehumidifier, please contact our customer support team. Refer to the contact information provided on the product packaging or the official DGVAM website.

### 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

#### Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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