

## DGUAM V1

# DGUAM V1 80-Pint Dehumidifier User Manual

Model: V1

## 1. IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before operating the dehumidifier. Retain this manual for future reference.

- Always connect the unit to a properly grounded electrical outlet.
- Do not operate the dehumidifier with a damaged power cord or plug.
- Ensure the unit is placed on a level, stable surface to prevent tipping.
- Maintain adequate clearance around the unit for proper airflow (at least 8 inches from walls or furniture).
- Do not block air inlets or outlets.
- Unplug the unit before cleaning or performing any maintenance.
- Keep children and pets away from the dehumidifier during operation.
- This appliance is designed for indoor residential use only.

## 2. PRODUCT OVERVIEW

The DGUAM V1 Dehumidifier is designed to efficiently remove excess moisture from your indoor environment, improving air quality and comfort. It features smart humidity control, quiet operation, and versatile drainage options.





Figure 2.1: Front view of the DGUAM V1 Dehumidifier.

## Key Features:

- **High Capacity:** Removes up to 80 pints of moisture per day, suitable for areas up to 4500 sq.ft.
- **Smart Humidity Control:** Automatically adjusts operation to maintain desired humidity levels (45-55% recommended).
- **Quiet Operation:** Operates at a low noise level of 40dB in sleep mode.
- **Multiple Modes:** Includes Dehumidify (DEHU), Dry Clothes (DRY), Continuous (CONT), and Ventilation

modes.

- **Auto Defrost:** Ensures efficient operation even in low temperatures (down to 41°F).
- **Two Drainage Options:** Manual water tank (1.72 gallons) with auto-shutoff and full alert, or continuous drainage via included hose.
- **User-Friendly Design:** Features 360° swivel wheels, hidden side handle, removable washable filter, child lock, and 24-hour timer.

# 80 Pints Pro Dehumidifier

## Powerful Humidity Control in Large Spaces

4500 Sq. Ft.

Max **80** Pints/Day  $\approx$  **75** Bottles

90% Before → 30% After

Figure 2.2: The DGUAM V1 Dehumidifier is suitable for large spaces up to 4500 sq.ft.

# Compressor Dehumidifier

1 Unit = 3 Regular Condensing Dehumidifiers



Figure 2.3: Internal view highlighting the intelligent chip and turbo fan for efficient operation.

## 3. SETUP

### 3.1 Unpacking and Placement

1. Carefully remove the dehumidifier from its packaging.
2. Place the unit upright on a firm, level surface in the desired location.
3. Ensure there is at least 8 inches (20 cm) of space around the unit for proper air circulation.
4. For optimal performance, close all doors and windows in the room where the dehumidifier is operating.

### 3.2 Power Connection

Plug the power cord into a grounded electrical outlet. The unit will enter standby mode.

## 3.3 Drainage Options

The DGUAM V1 offers two methods for water removal:

### 3.3.1 Manual Drainage (Water Tank)

The unit collects water in its internal 1.72-gallon water tank. When the tank is full, the dehumidifier will automatically shut off and alert you. The tank features a handle for easy removal and pouring.



Figure 3.1: Steps to remove, carry, pour, and replace the water tank.

### 3.3.2 Continuous Drainage (Drain Hose)

For uninterrupted operation, you can connect the included 1-meter drain hose for continuous drainage. This is ideal for basements or areas where manual emptying is inconvenient.

1. Locate the continuous drain outlet on the back of the unit.
2. Remove the rubber stopper from the drain outlet.
3. Connect one end of the drain hose to the outlet, ensuring a secure fit.
4. Direct the other end of the hose to a suitable drain (e.g., floor drain, large bucket, sink). Ensure the hose is sloped downwards to allow water to flow freely by gravity.

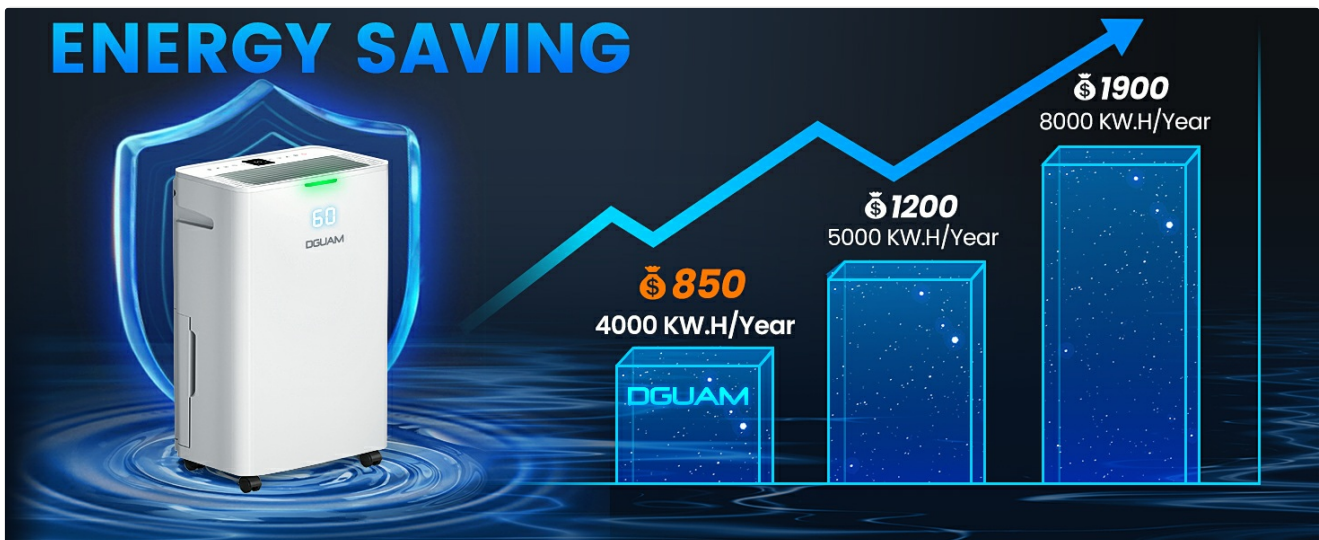


Figure 3.2: Illustration of manual water tank drainage versus continuous drain hose setup.

Video 3.1: Unboxing and setup demonstration, including drain hose connection. (Source: FXTY)

## 4. OPERATING INSTRUCTIONS

The DGUAM V1 Dehumidifier features an intuitive control panel for easy operation.

# Clear Control Panel

## Instant Humidity Regulation



Figure 4.1: Overview of the control panel.

### 4.1 Control Panel Functions

- **Power Button:** Turns the unit ON or OFF.
- **Humidity Display:** Shows the current humidity level and desired setting.
- **Humidity Adjustment Buttons (Up/Down Arrows):** Adjusts the target humidity level (30%-90%).
- **Mode Button:** Cycles through operating modes: Dehumidify (DEHU), Dry Clothes (DRY), Continuous (CONT), and Ventilation.
- **Fan Speed Button:** Selects fan speed (Low/High).
- **Timer Button:** Sets the auto-on or auto-off timer (up to 24 hours).
- **Child Lock Button:** Locks the control panel to prevent accidental changes.
- **Sleep Mode Button:** Activates quiet operation with dimmed display lights.

Video 4.1: Demonstration of control panel functions and ease of use. (Source: Adi)

Video 4.2: Overview of multiple functions and program settings. (Source: Marisol ballesteros)

## 4.2 Operating Modes



Figure 4.2: The three primary operating modes.

- **DEHU Mode (Dehumidify):** The unit operates to reach and maintain your set humidity level.
- **DRY Mode (Dry Clothes):** Provides continuous high-power dehumidification to quickly dry laundry.
- **CONT Mode (Continuous):** The unit runs continuously regardless of the humidity level, ideal for very damp spaces.
- **Ventilation Mode:** Circulates air without active dehumidification.
- **Sleep Mode:** Operates at the lowest fan speed and dims display lights for undisturbed rest.

## 4.3 Smart Features

- **Auto Defrost:** The unit automatically detects frost buildup and initiates a defrost cycle to maintain efficiency in low temperatures.
- **Power-Off Memory:** The dehumidifier remembers your last settings and resumes operation automatically after a power outage.
- **Full Water Protection:** Automatically shuts off when the water tank is full and alerts the user.

## 5. MAINTENANCE

### 5.1 Cleaning the Air Filter

Regular cleaning of the air filter is essential for optimal performance and air quality. The filter is washable and reusable.

1. Turn off and unplug the dehumidifier.
2. Locate the filter cover on the back of the unit and open it.
3. Gently pull out the nylon filter.
4. Wash the filter with warm, soapy water. Rinse thoroughly.
5. Allow the filter to air dry completely before reinserting it.
6. Close the filter cover securely.



Figure 5.1: The removable and washable air filter for easy maintenance.

## 5.2 Emptying the Water Tank

If not using continuous drainage, the water tank will need to be emptied when full. The unit will alert you and stop operation.

1. Gently pull out the water tank from the front of the unit.
2. Use the integrated handle to carry the tank to a sink or drain.
3. Pour out the collected water.
4. Slide the empty tank back into the dehumidifier until it clicks into place.

## 6. 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 loose, water tank full or not properly inserted.	Check power connection, ensure tank is empty and correctly seated.
Unit is running but not collecting water.	Room temperature too low (below 41°F), humidity level already low, air filter clogged.	Ensure room temperature is above 41°F, check current humidity, clean air filter.
Unit is noisy.	Fan speed set to high, unit not on a level surface.	Switch to a lower fan speed (e.g., Sleep Mode), ensure unit is on a flat surface.
Water is leaking from the unit.	Water tank not properly inserted, continuous drain hose loose or clogged.	Reinsert water tank, check drain hose connection and ensure it's not blocked.

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

## 7. SPECIFICATIONS

Feature	Specification
Brand	DGUAM
Model Name	V1
Floor Area Coverage	4500 Square Feet
Dehumidification Capacity	80 Pints per Day
Water Tank Volume	1.72 Gallons

Feature	Specification
Product Dimensions (D x W x H)	14.57" x 8.27" x 8.27"
Item Weight	32.4 pounds
Wattage	230 watts
Operation Mode	Automatic
Special Features	Adjustable Humidity Control (30%-90%), Auto Shutoff, Automatic Defrost, Power-Off Memory, Child Lock, Timer (24H), High-Power Dehumid/ Continuous Dehumid/ Dry/ Ventilation Mode, Large-Capacity Water Tank & Full Alert

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## 8. WARRANTY AND SUPPORT

### 8.1 Warranty Information

The DGUAM V1 Dehumidifier comes with a **5-year warranty for the compressor**. Please refer to your purchase documentation for full warranty terms and conditions.

### 8.2 Customer Support

For technical assistance, troubleshooting not covered in this manual, or warranty claims, please contact DGUAM customer support through the retailer where the product was purchased or visit the official DGUAM website for contact information.