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ARGENDON GLGR

ARGENDON Crawlspace Dehumidifier with Pump

Model: GLGR | Brand: ARGENDON

1. Introduction

Thank you for choosing the ARGENDON Crawlspace Dehumidifier. This manual provides essential information for the safe and efficient operation of your new dehumidifier. Please read it thoroughly before installation and use, and keep it for future reference. This 70-pint commercial dehumidifier is designed to effectively remove excess moisture from areas up to 1000 sq. ft., making it ideal for basements, crawl spaces, and other large rooms.



Figure 1.1: ARGENDON 70 Pint Crawlspace Dehumidifier with Pump and remote control unit.

2. Safety Information

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 stable, level surface.
- Do not operate the unit with a damaged power cord or plug.
- Keep the unit away from water and other liquids to prevent electric shock.
- Do not block the air intake or exhaust vents.
- Unplug the unit before cleaning or performing any maintenance.
- 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.

- Ensure proper grounding for electrical safety.

3. Product Features

- **High Capacity Dehumidification:** Removes up to 70 pints of moisture per day, suitable for areas up to 1000 sq. ft. with an air output of 115 CFM.
- **Dual Draining Options:** Features both gravity drainage (6.5 ft hose included) and a built-in condensate pump for flexible water removal up to 19.6 feet vertically or horizontally.
- **Energy Star Certified:** Designed for energy efficiency, reducing electricity consumption and environmental impact.
- **Adjustable Humidity Control:** Built-in humidity sensor and digital control panel allow setting desired humidity levels between 25% and 85%.
- **Compact & Portable Design:** Space-saving dimensions (15.35"D x 11.2"W x 11.4"H) with a portable handle for easy transport and placement in tight spaces.
- **Automatic Defrost:** Activates automatically at 33.8°F (1°C) to prevent frost buildup on internal components, ensuring reliable operation in low temperatures.
- **MERV-1 Removable Filter:** Includes a washable and reusable MERV-1 filter for improved air quality and dehumidifier efficiency.
- **Remote Control Compatible:** Can be connected to a remote controller (not included) for convenient management of humidity levels from a distance.



Figure 3.1: The dehumidifier offers both pump drainage (top) and gravity drainage (bottom) for versatile water removal.



Figure 3.2: User-friendly digital control panel for setting humidity levels and operating modes.

4. Components Included

Your ARGENDON Crawlspace Dehumidifier package includes the following items:

- ARGENDON Crawlspace Dehumidifier Unit
- Drain Hose (6.5 ft)
- MERV-1 Filter (1 Pcs)
- User Manual (This document)

5. Setup and Installation

Follow these steps to set up your dehumidifier:

1. **Unpacking:** Carefully remove the dehumidifier and all accessories from the packaging. Inspect for any shipping damage.
2. **Placement:** Place the dehumidifier on a firm, level surface in your desired location (e.g., crawl space, basement). Ensure there is at least 1 foot of clearance around all sides for proper airflow.
3. **Drainage Setup:**
    - **Gravity Drainage:** Connect the included 6.5 ft drain hose to the gravity drain port on the unit. Route the hose downwards to a suitable floor drain or container, ensuring there are no kinks or blockages.
    - **Pump Drainage:** For automatic water removal to a higher location or further distance, utilize the built-in condensate pump. Connect a suitable hose (not included, but the unit has a built-in pump) to the pump outlet. The pump can lift water up to 19.6 feet. Ensure the gravity drain port is plugged with the rubber cap when using the pump to prevent leakage.
4. **Power Connection:** Plug the dehumidifier into a properly grounded electrical outlet.



Figure 5.1: Example of pump drainage setup, allowing water to be directed upwards or to a distant drain.



Figure 5.2: The compact design and adjustable feet allow for stable placement in various environments.

6. Operating Instructions

The dehumidifier features a user-friendly digital control panel. Here's how to operate it:

- **ON/OFF Button:** Press this button to turn the device on or off.
- **SET Button:** Use this button to adjust the desired humidity level. The adjustable range is typically between 25% and 85% Relative Humidity (RH). The unit will operate until the set humidity level is reached, then cycle off.
- **DRAIN Button:** Press and hold for three seconds to switch between drainage modes (gravity or pump, depending on your setup).
- **GPP MODE Button:** Press and hold for three seconds to switch to dehumidification mode.
- **Automatic Restart:** In case of a power outage, the unit will automatically restart with the last settings once power is

restored.



Figure 6.1: The Energy Star certified dehumidifier is designed for efficient operation.

7. Maintenance

Regular maintenance ensures optimal performance and longevity of your dehumidifier.

- **Filter Cleaning/Replacement:** The MERV-1 filter should be cleaned regularly, typically every 3-6 months, depending on air quality. To clean, remove the filter and wash it with warm, soapy water. Rinse thoroughly and allow it to air dry completely before reinserting. Replace the filter if it shows signs of damage or excessive wear.
- **Unit Cleaning:** Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Drainage System Check:** Periodically inspect the drain hose and pump system for any blockages or leaks. Ensure

the gravity drain cap is secure if using the pump.

- **Auto Defrost:** The unit has an automatic defrost feature. During defrost cycles, the compressor may temporarily turn off while the fan continues to run to melt frost. This is normal operation.



Figure 7.1: The MERV-1 filter is washable and reusable, contributing to cleaner air and efficient operation.

8. Troubleshooting

If you encounter issues with your dehumidifier, refer to the table below for common problems and solutions. If the problem persists, contact customer support.

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power supply; Power cord not plugged in; Circuit breaker tripped.	Ensure unit is plugged in; Check power outlet; Reset circuit breaker.
Unit runs but does not dehumidify.	Humidity setting too high; Air filter clogged; Room temperature too low.	Lower the humidity setting; Clean or replace air filter; Ensure room temperature is above 33.8°F (1°C).
Water leakage.	Drain hose kinked or blocked; Gravity drain cap not secure (if using pump); Unit not level.	Straighten or clear drain hose; Secure gravity drain cap; Place unit on a level surface.
Unit is noisy.	Unit not level; Fan obstruction; Loose parts.	Ensure unit is on a level surface; Check for and remove any obstructions; Contact customer support if noise persists.
E5 Error Code (as reported by some users).	Indicates a sensor or system malfunction.	Unplug the unit for 5 minutes, then plug it back in. If the error persists, contact ARGENDON customer support for assistance.

9. Specifications

Specification	Value
Brand	ARGENDON
Model Name	GLGR
Capacity	70 Pints / 70 Liters per Day
Floor Area Coverage	Up to 1000 Square Feet
Air Flow Capacity	115 Cubic Feet Per Minute (CFM)
Product Dimensions (D x W x H)	15.35" x 11.2" x 11.4"
Item Weight	39.7 Pounds
Material	Metal
Color	White
Wattage	330.98 watts
Operation Mode	Continuous
Upper Temperature Rating	105 Degrees Fahrenheit

Specification	Value
Special Features	Adjustable Humidity Control, Automatic Restart, Built-In Pump, Continuous Draining, MERV-1 Filter
UPC	717038051422

10. Warranty and Customer Support

ARGENDON stands behind the quality of its products. Your Crawlspace Dehumidifier comes with a **5-Year Limited Warranty**.

- **Warranty Coverage:** This warranty covers defects in materials and workmanship under normal use. Specific details regarding parts and labor coverage are typically outlined in the full warranty document provided with your purchase.
- **Customer Support:** For any questions, technical assistance, or warranty claims, please contact the ARGENDON professional customer support team. You can find contact information on the official ARGENDON website or through your purchase platform.
- **Online Resources:** Visit the official ARGENDON store for additional product information and support:ARGENDON Store on Amazon.

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