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› Amazon Basics 50-Pint Large Dehumidifier with Pump User Manual

Amazon Basics MDUDP-50AEN8-BB0B

Amazon Basics 50-Pint Large Dehumidifier with Pump

Model: MDUDP-50AEN8-BB0B

IMPORTANT SAFETY INSTRUCTIONS

Read all instructions before using this dehumidifier. Failure to follow these instructions may result in electric shock, fire, or injury.

- This appliance is for indoor residential use only.
- Always plug the unit into a grounded 3-prong outlet. Do not remove the grounding prong.
- Do not operate the unit with a damaged power cord or plug. If the supply cord is damaged, it must be replaced by the manufacturer or a qualified service agent.
- Ensure the unit is placed on a level, stable surface to prevent tipping and water spillage.
- Maintain at least 8 inches (20 cm) of clear space around the unit for proper airflow.
- Do not insert fingers or foreign objects into the air inlet or outlet.
- Unplug the dehumidifier before cleaning or performing any maintenance.
- Keep children and pets away from the unit during operation.
- Do not use the unit near flammable gases or combustible materials.
- Do not use chemical solvents or abrasive cleaners on the unit.

PRODUCT OVERVIEW

The Amazon Basics 50-Pint Large Dehumidifier with Pump is designed to efficiently reduce humidity in spaces up to 4,000 square feet. It features an Energy Star certification for lower energy consumption, an integrated pump for continuous drainage, and various user-friendly functions.

Key Features:

- **Energy Star Certified:** Ensures energy-efficient operation.
- **50-Pint Capacity:** Removes up to 50 pints of moisture per day.
- **Integrated Pump:** Allows for continuous drainage to a higher elevation or distant drain.
- **Humidity Control:** Adjustable settings to maintain desired humidity levels (45-55% recommended).
- **Auto-Defrost:** Prevents frost buildup on coils in low-temperature environments.
- **Auto Re-Start:** Resumes previous settings after a power outage.
- **Timer Function:** Programmable on/off timer from 0.5 to 24 hours.
- **Overflow Protection:** Automatically shuts off when the water tank is full.
- **Washable Filter:** Easy to clean and reusable air filter.

- **Caster Wheels:** For easy portability.

Effortless Dehumidification

Easy-Drain and Auto-Defrost

Press-button control for effortless dehumidification



Easily monitor and adjust humidity



Resumes settings after power outage



Auto defrost prevents frost build-up



Provides overflow water protection

Image: Overview of the dehumidifier's effortless dehumidification features, including press-button control, humidity monitoring, auto-restart, auto-defrost, and overflow protection.

SETUP

Unpacking and Placement:

1. Remove all packaging materials from the unit.
2. Place the dehumidifier upright on a firm, level surface in the desired location.
3. Ensure there is at least 8 inches (20 cm) of clear space around the air inlet (rear) and air outlet (side) for optimal performance.
4. For standard 8 ft (2.4 m) ceilings, the unit is ideal.
5. Plug the grounded power cord into a suitable 3-prong electrical outlet.

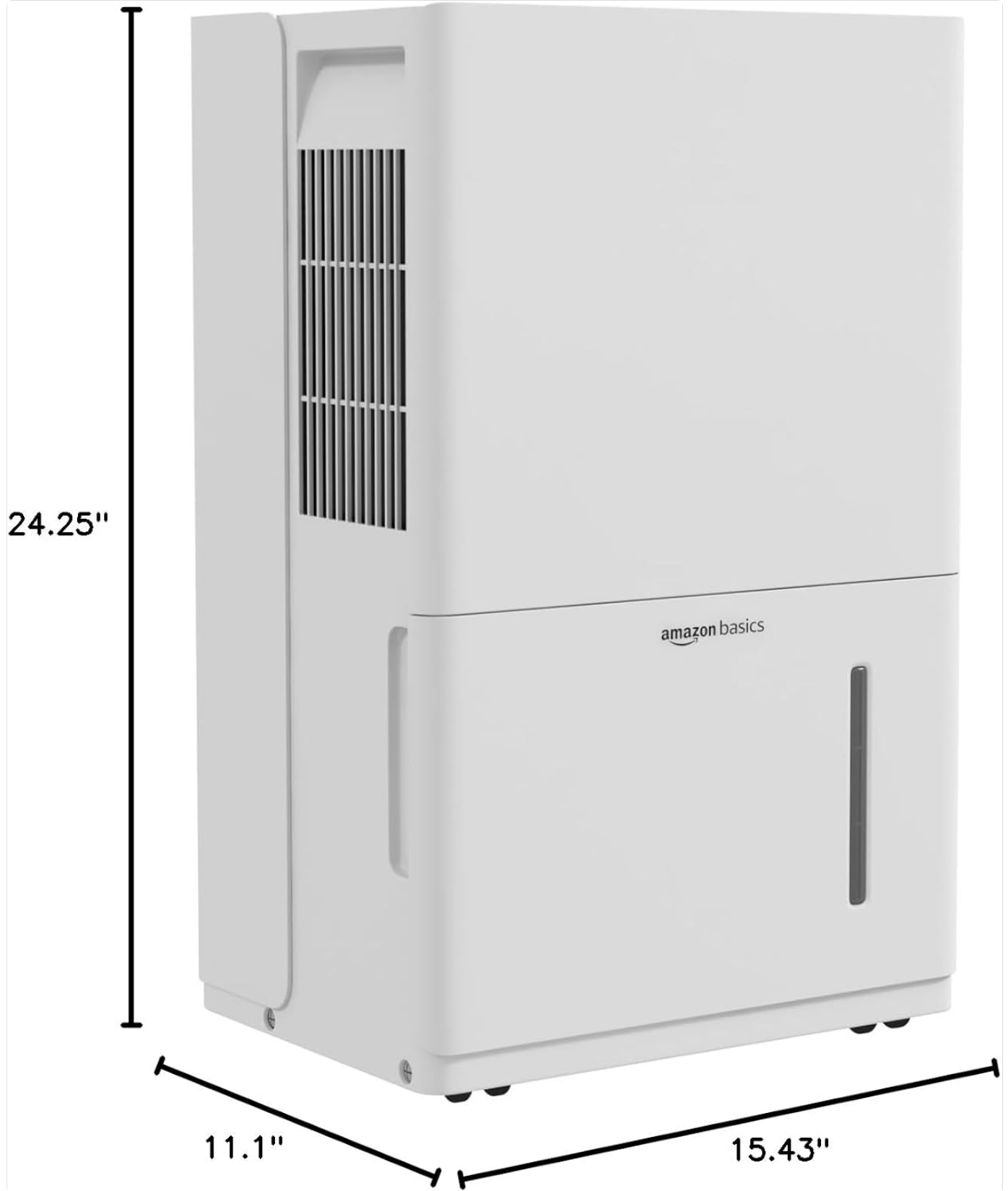


Image: Product dimensions for placement reference.

Designed For Efficiency



Ideal for standard
8 ft / 2.4 m ceiling



Schedule on/off timer
from 1/2 hour to 24 hours



Easy-to-clean re-usable
filter included

Image: Dehumidifier designed for efficiency, showing its suitability for standard ceiling heights, timer function, and reusable filter.

OPERATION

Control Panel:

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

Water Tank Features



Water Tank Maintenance

Full indicator (A) signals time to empty tank



Water Tank Capacity

1.59 gal / 6 L

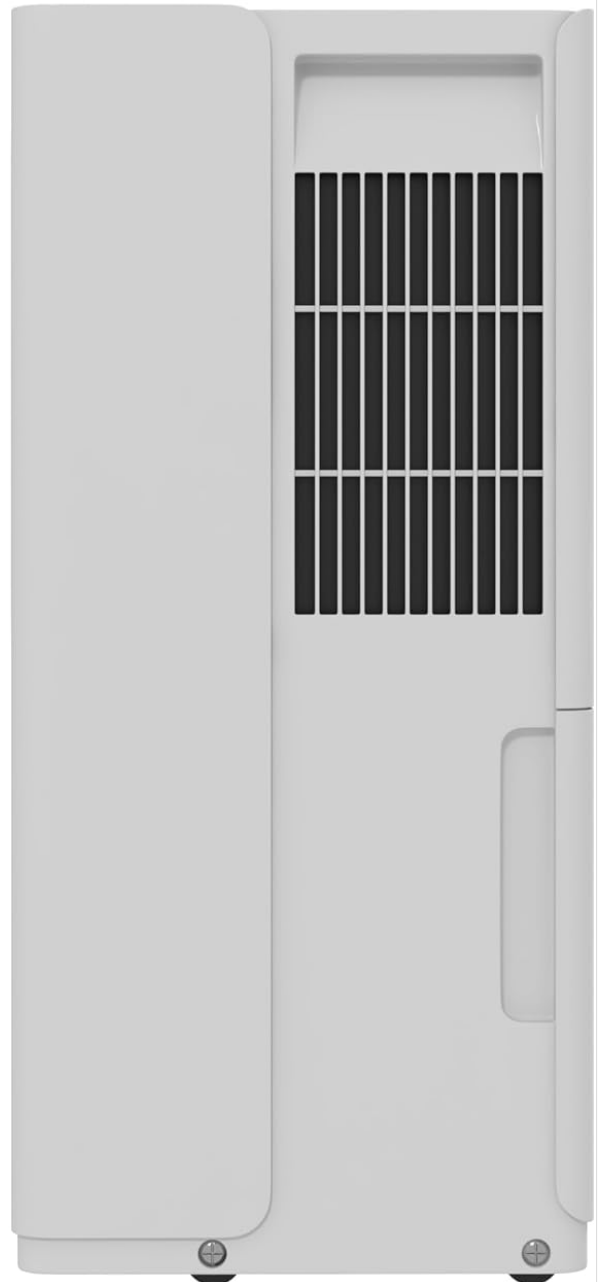


Image: Detailed view of the control panel and water tank features.

Setting Desired Humidity:

1. Press the Power button (**U**) to turn on the unit.
2. Use the Up (<) or Down (>) arrow buttons to set your desired humidity level. The recommended range is 45-55%.
3. The unit will operate until the ambient humidity reaches the set level, then cycle on and off to maintain it.

Timer Function:

The timer allows you to program the unit to turn on or off automatically after a set period.

- **To set Auto-Off:** With the unit running, press the Timer button (**Clock icon**) and use the Up/Down arrows to select the desired hours (0.5 to 24).

- **To set Auto-On:** With the unit off, press the Timer button (**Clock icon**) and use the Up/Down arrows to select the desired hours (0.5 to 24). The unit will turn on after the set time.

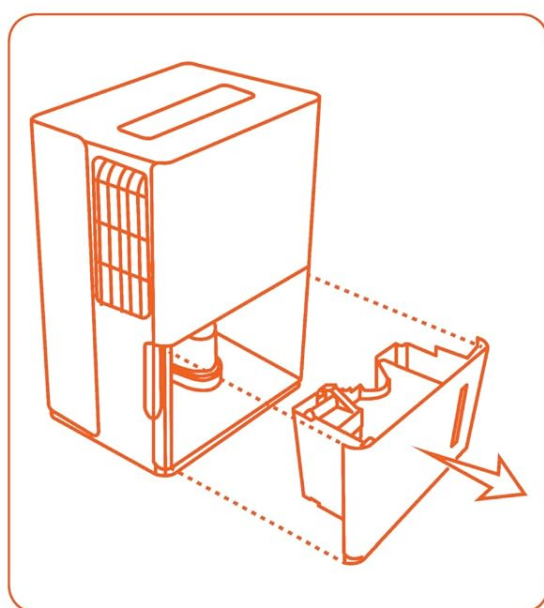
Fan Speed:

Adjust the fan speed using the Fan button (**Fan icon**) to cycle between Low and High settings.

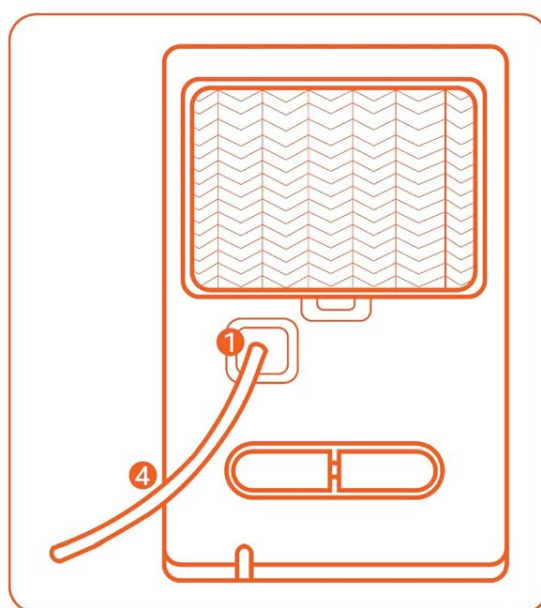
DRAINAGE OPTIONS

The dehumidifier offers two methods for water removal: manual drainage using the water tank or continuous drainage using the integrated pump.

Draining Water Methods



A Option



B Option

MANUAL DRAINAGE

1. Top-panel tank full indicator light illuminates - empty tank
2. Carefully hand-pull the tank outwards to empty
3. Place tank properly back into the housing
4. The dehumidifier will restart automatically

CONTINUOUS DRAINAGE

1. Turn drain hose outlet (1) counter clockwise to open
2. Connect hose with 1 in / 2.5 cm F-connector (sold separately)
3. Place drain hose end at suitable drain
4. Note: The connected hose must be sloping to drain properly

Image: Manual and continuous water draining methods.

1. Manual Drainage (Water Tank)

The unit will automatically shut off when the water tank is full, and an indicator light will illuminate.

1. Gently pull the water tank outwards from the front of the unit.
2. Empty the collected water into a sink or drain.
3. Carefully slide the empty tank back into its position until it clicks securely. The dehumidifier will resume operation automatically.

2. Continuous Drainage (Integrated Pump)

This method allows the unit to drain water continuously without needing to empty the tank, suitable for draining to a sink or window.

1. Locate the drain hose outlet on the back of the unit.
2. Remove the rubber plug from the drain hose outlet.
3. Connect the provided drain hose firmly to the outlet. Ensure a secure connection to prevent leaks.
4. Route the other end of the hose to a suitable drain location (e.g., floor drain, sink, or out a window). The pump can lift water vertically up to 16 feet (5 meters).
5. Ensure the hose is not kinked or blocked to allow for proper water flow.

MAINTENANCE

Cleaning the Air Filter:

A dirty filter can reduce efficiency and airflow. Clean the filter every two weeks or when the 'Filter Clean' indicator light illuminates.

1. Unplug the dehumidifier from the power outlet.
2. Remove the air 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 reinstalling. Do not use a dryer or direct heat.
5. Reinsert the dry filter into the unit.

Unit Cleaning:

- Wipe the exterior of the unit with a soft, damp cloth.
- Do not use harsh chemicals, abrasives, or solvents.

Storage:

If storing the unit for an extended period:

1. Empty the water tank and ensure all water is drained from the continuous drainage system.
2. Clean the air filter.
3. Wrap the power cord neatly using the integrated cord wrap on the back of the unit.
4. Store the unit upright in a cool, dry place.

Streamlined Design

Compact, portable, convenient



Cord Wrap For Tidiness And Space-Saving

Includes grounded power cord plug



Smooth Caster Wheels

Easy to roll around home or office



Image: Cord wrap for tidiness and smooth caster wheels for portability.

TROUBLESHOOTING

Review the following common issues and solutions before contacting customer support.

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power; Power cord not plugged in; Water tank full or not properly seated.	Check power supply; Ensure power cord is securely plugged in; Empty and re-seat the water tank correctly.
Unit runs but does not dehumidify.	Air filter clogged; Room temperature too low; Humidity setting too high.	Clean the air filter; Ensure room temperature is above 41°F (5°C); Lower the desired humidity setting.
Water leaks from the unit.	Water tank not properly seated; Continuous drain hose loose or kinked.	Re-seat the water tank; Check continuous drain hose for secure connection and kinks.
Unit is noisy.	Unit not on a level surface; Air filter clogged.	Place unit on a level surface; Clean the air filter.

Problem	Possible Cause	Solution
Error codes displayed.	Specific internal issue.	Refer to the full user manual for specific error code meanings or contact customer support.

SPECIFICATIONS

Feature	Specification
Brand	Amazon Basics
Model Number	MDUDP-50AEN8-BB0B
Dehumidification Capacity	50 Pints/Day
Coverage Area	Up to 4,000 sq ft
Water Tank Volume	1.6 Gallons (6 Liters)
Product Dimensions (D x W x H)	15.43" x 11.1" x 24.25"
Air Flow Capacity	380 cubic meters per hour
Special Features	Washable Filter, Auto-Defrost, Auto Re-Start, Timer, Overflow Protection, Integrated Pump
Energy Certification	Energy Star Certified

WARRANTY AND SUPPORT

This Amazon Basics product is covered by a limited warranty. For detailed warranty information, terms, and conditions, please refer to the documentation included with your purchase or visit the Amazon Basics official website.

For technical assistance, troubleshooting not covered in this manual, or to inquire about replacement parts, please contact Amazon Basics Customer Service. Contact information can typically be found on the product packaging or the Amazon website.

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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.

Name

Anonymous

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

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

Submit question