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› Midea 4,500 Sq. Ft. Dehumidifier with Pump Included 50 Pint User Manual

Midea RMD50PSAW

Midea 4,500 Sq. Ft. Dehumidifier with Pump Included 50 Pint User Manual

Model: RMD50PSAW

Brand: Midea

1. INTRODUCTION

Thank you for choosing the Midea 4,500 Sq. Ft. Dehumidifier with Pump. This appliance is designed to efficiently remove excess moisture from your indoor environment, improving air quality and comfort. With its 50-pint per day capacity and integrated pump, it is ideal for basements, large rooms, and other areas up to 4,500 square feet. Please read this manual thoroughly before operation to ensure proper use, maintenance, and safety.



Image: The Midea 50 Pint Dehumidifier, showcasing its compact design and the accompanying Smart Home app on a mobile device.

2. SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury.

- Ensure the dehumidifier is connected to a properly grounded electrical outlet.
- Do not operate the unit with a damaged power cord or plug.
- Do not block the air inlet or outlet. Maintain at least 8 inches (20 cm) of clearance around the unit.
- Do not use the dehumidifier near water or in excessively wet environments (e.g., standing water).
- Always unplug the unit before cleaning or performing any maintenance.
- Keep children and pets away from the appliance during operation.
- Do not attempt to repair or modify the unit yourself. Refer all servicing to qualified personnel.
- This appliance is for indoor use only.

3. PRODUCT FEATURES

Your Midea Dehumidifier is equipped with several features designed for convenience and efficiency:

- **High Capacity:** Removes up to 50 pints of moisture per day, suitable for areas up to 4,500 sq. ft.
- **Built-in Pump:** Automatically removes collected water, eliminating the need for frequent manual emptying.
- **Smart Control:** Wi-Fi enabled for control via the MSmartHome app (iOS/Android) and voice commands with Alexa or Google Assistant.
- **Portable Design:** Sturdy four-wheel design for easy movement between rooms.
- **Adjustable Humidity Setting:** Allows setting desired humidity levels from 35% to 85%.
- **EasyTimer:** Built-in timer function for scheduled operation.
- **Washable Filter:** Reusable filter for easy maintenance and improved air quality.
- **Spill-Reducing Splash Guard:** Side access bucket with lid designed to minimize spillage when emptying manually.

EXPERIENCE THE BENEFITS OF MSHIELD

Air Ionizer technology (optional feature)



4. SETUP AND INSTALLATION

Follow these steps to set up your dehumidifier:

1. **Unpacking:** Carefully remove the dehumidifier from its packaging. Retain packaging materials for future storage or transport.
2. **Placement:** Place the unit on a flat, level surface in the area where dehumidification is needed. Ensure there is at least 8 inches (20 cm) of space around all sides of the unit for proper airflow. Avoid placing it against walls or furniture that could obstruct air intake or exhaust.
3. **Power Connection:** Plug the power cord into a grounded 115V/60Hz electrical outlet.
4. **Initial Operation:** The unit is ready for operation. For optimal performance, allow the unit to stand upright for at least 24 hours before first use if it was transported on its side.

**EXPERIENCE THE BENEFITS OF MIDEA
COMPACT SMART DEHUMIDIFIER**
50 Pints/day for Large Spaces up to 4,500 sq. ft.



Image: The Midea Dehumidifier positioned in a living room, demonstrating its compact size and how it blends into a home environment.

5. OPERATING INSTRUCTIONS

Your dehumidifier features an intuitive control panel and smart control capabilities.

Control Panel

The control panel on top of the unit allows you to manage various settings:

- **Power Button:** Turns the unit On or Off.
- **Mode Button:** Selects operating modes (e.g., Continuous, Auto).
- **Fan Speed Button:** Adjusts fan speed (Low, Medium, High).
- **Humidity Setting Buttons (+/-):** Adjusts the desired humidity level (35% to 85%).
- **Timer Button:** Sets the auto-on or auto-off timer.

Smart Control (Wi-Fi)

Control your dehumidifier remotely using the MSmartHome app or voice assistants.

1. **Download App:** Download the MSmartHome app from the App Store (iOS) or Google Play Store (Android).
2. **Register/Login:** Create an account or log in to the app.
3. **Add Device:** Follow the in-app instructions to add your Midea dehumidifier. Ensure your phone is connected to a 2.4GHz Wi-Fi network during setup.
4. **Voice Control:** Once connected, enable the MSmartHome skill/action in your Alexa or Google Assistant app to control the dehumidifier with voice commands (e.g., "Alexa, set dehumidifier humidity to 50%").

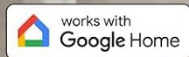
CONTROL FROM ANYWHERE

with app & voice assistant

"Alexa, set dehumidifier humidity level to 60%."



SmartHome
Smart Compatible



Google and Google Home are trademarks of Google LLC.



Image: A user interacting with the Midea Dehumidifier via the MSmartHome app on a smartphone, demonstrating remote control capabilities.

6. DRAINAGE OPTIONS

Your Midea dehumidifier offers multiple ways to remove collected water:

A. Manual Emptying (1.6 Gallon Bucket)

When the water bucket is full, the unit will automatically stop operating and an indicator light will illuminate. Carefully remove the bucket from the side of the unit, empty the water, and reinsert the bucket firmly until it clicks into place. The unit will resume operation.

INNOVATIVE SPILL-REDUCING SPLASH GUARD

Side access bucket with lid to reduce spillage when emptying



Image: The Midea Dehumidifier's side-access water bucket with its innovative spill-reducing splash guard, designed for easier and cleaner emptying.

B. Continuous Gravity Drainage

For continuous operation without emptying the bucket, you can connect a standard garden hose (not included) to the continuous drain outlet at the back of the unit. Ensure the hose is sloped downwards to allow gravity to drain the water into a floor drain or suitable receptacle.

C. Built-in Pump Drainage

The integrated pump allows water to be drained upwards or over a longer distance, providing more flexibility in placement. Connect the included drain hose to the pump outlet. Route the hose to a sink, drain, or window. The pump will automatically activate when the water level in the internal reservoir reaches a certain point, pushing the water out through the hose.

THE ULTIMATE SOLUTION FOR HUMIDITY CONTROL

continuously drain water upwards towards a sink or a window with the included drain hose



- ① Continuous run mode
- ② Adjustable humidistat
- ③ Auto shut off

Image: The Midea Dehumidifier connected via its drain hose to a kitchen sink, illustrating the continuous drainage solution for humidity control.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your dehumidifier.

A. 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 the dehumidifier and unplug it from the power outlet.
2. Locate the filter access panel (usually on the back or side).
3. Remove the filter.
4. Wash the filter with warm, soapy water. Rinse thoroughly.

5. Allow the filter to air dry completely before reinserting it. Do not use a dryer or direct heat.

KEEP YOUR HOME CLEAN AND GREEN

with washable and reusable filter



Image: The Midea Dehumidifier with its washable and reusable filter detached, highlighting the ease of maintenance for a clean and efficient home.

B. Cleaning the Unit Exterior

Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals, abrasives, or solvents, as these can damage the surface.

C. Storage

If storing the unit for an extended period, ensure the water bucket is empty and clean. Clean the air filter. Coil the power cord neatly. Store the unit upright in a cool, dry place, away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

Before contacting customer support, try the following solutions for common issues:

Problem	Possible Cause	Solution
Unit does not turn on	No power; Power cord loose; Full water bucket	Check power outlet; Ensure cord is firmly plugged in; Empty water bucket and reinsert properly
No water collected	Humidity setting too high; Room temperature too low; Air filter clogged; Airflow blocked	Lower humidity setting; Ensure room temp is above 41°F (5°C); Clean air filter; Clear obstructions around unit
Unit is noisy	Unit not level; Air filter clogged; Fan obstruction	Place on a level surface; Clean air filter; Check for foreign objects in fan area
Water leaking	Water bucket not seated correctly; Drain hose loose or clogged	Ensure bucket is fully inserted; Check drain hose connections and clear any blockages
Wi-Fi connection issues	Incorrect Wi-Fi password; Router issues; Unit too far from router	Verify password; Restart router; Move unit closer to router or use a Wi-Fi extender

9. SPECIFICATIONS

Specification	Value
Brand	Midea
Model Name	Midea 4,500 Sq. Ft. Dehumidifier With Pump Included 50 Pint (Renewed)
Item Model Number	RMD50PSAW
Dehumidification Capacity	50 Pints per Day
Floor Area Coverage	4500 Square Feet
Tank Volume	1.6 Gallons
Operation Mode	Automatic
Color	White
Item Weight	45 pounds
Package Dimensions	20.5 x 20.5 x 11.5 inches

Specification	Value
UPC	840296511282

10. WARRANTY AND SUPPORT

Your Midea Dehumidifier comes with a **1 Year Parts & Labor Warranty**. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical assistance, or any questions not covered in this manual, please contact Midea customer support. Keep your purchase receipt and model number handy when contacting support.

For the most up-to-date support information, please visit the official Midea website or refer to the contact details provided with your product packaging.

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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

Email

you@example.com

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

