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### Midea MAD50PS1WS

## Midea 50 Pint SMART Dehumidifier User Manual

Model: MAD50PS1WS

Brand: Midea

### PRODUCT OVERVIEW

The Midea Smart 50 Pint Dehumidifier with Pump is designed to efficiently remove moisture from areas up to 4,500 Sq. Ft. It is capable of removing 50 pints of moisture per day, making it ideal for basements, large and medium-sized rooms, and crawlspaces. This unit helps maintain a healthy humidity range of 45%-55%.

Equipped with Wi-Fi connectivity, the dehumidifier can be controlled remotely using the MSmartHome app on iOS or Android devices. Voice commands are also supported via Alexa or Google Assistant for convenient operation.

Its ultra-quiet operation, at just 47 dBA, ensures minimal disturbance, allowing for comfortable use in living spaces. The unit features a sturdy four-wheel design and integrated handles for easy portability between rooms. A digital control panel provides intuitive access to all settings.

For continuous operation, the dehumidifier includes a built-in pump and a hose, enabling automatic water removal to a sink drain or window, eliminating the need for manual bucket emptying. The 1.6-gallon water bucket is also available for manual drainage.



Figure 1: Front-left view of the Midea 50 Pint SMART Dehumidifier.

## SETUP AND INSTALLATION

### Unpacking and Placement

1. Carefully remove the dehumidifier from its packaging.
2. Place the unit upright on a level surface. The 360° rotatable wheels allow for easy positioning.
3. Ensure there is at least 8 inches (20 cm) of space around the unit for proper airflow.

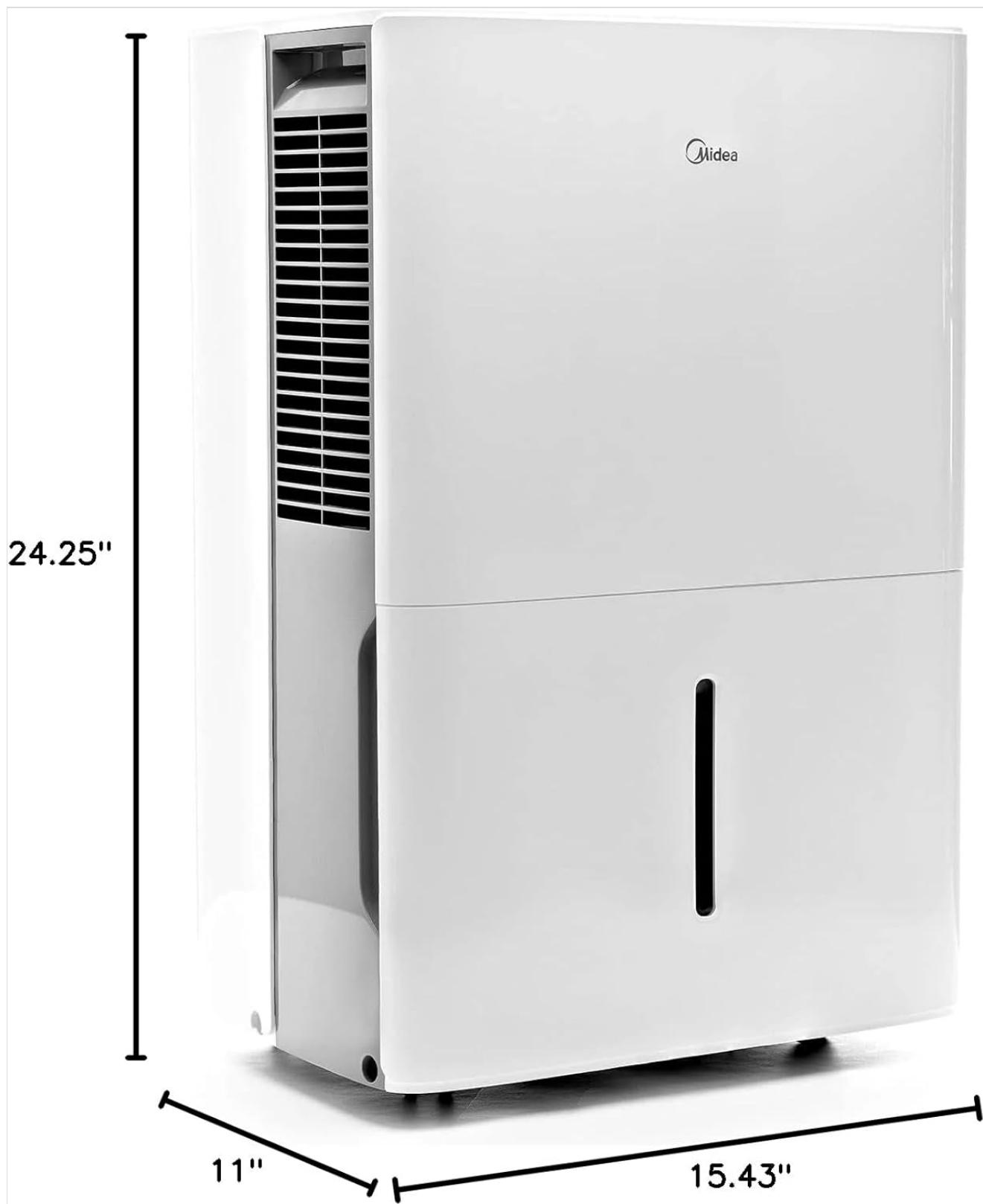


Figure 2: Dehumidifier dimensions for proper placement. (11"D x 15.43"W x 24.25"H)

## Drainage Options

- **Manual Drainage (1.6 Gallon Bucket):** The unit collects water in its internal bucket. When full, the unit will automatically shut off and indicate that the bucket needs emptying. Carefully remove the bucket and dispose of the collected water.
- **Continuous Drainage (Built-in Pump):** For uninterrupted operation, connect the included drain hose to the continuous drain port on the back of the unit. Route the hose to a suitable drain, such as a sink or floor drain. The built-in pump will automatically remove collected water.



Figure 3: Rear view of the dehumidifier, highlighting the power cord and continuous drain connection.

## Wi-Fi Setup (Smart Control)

Download the MSmartHome app from the App Store (iOS) or Google Play Store (Android). Follow the in-app instructions to connect your dehumidifier to your home Wi-Fi network. This enables remote control and voice command functionality via Alexa or Google Assistant.

## **OPERATING INSTRUCTIONS**

### **Control Panel Overview**

The digital control panel on top of the unit provides access to all functions. The display shows the current humidity level or timer settings.



Figure 4: Close-up of the intuitive digital control panel.

## Basic Operation

- **Power On/Off:** Press the **Power** button to turn the unit on or off.
- **Setting Desired Humidity:** Use the + or - buttons to adjust the target humidity level between 35% and 85%. The unit will operate until the desired humidity is reached.
- **Modes:**
  - **Comfort Mode:** Automatically sets the humidity to 50% for optimal comfort.
  - **Continuous Mode:** The unit will run continuously regardless of the humidity level.

- **Turbo Mode:** Increases fan speed for maximum moisture removal.
- **Timer Function:** Set a timer for the unit to turn on or off after a specified number of hours (0 to 24 hours).

## MAINTENANCE

### Emptying the Water Bucket

If not using continuous drainage, the 1.6-gallon water bucket will need to be emptied periodically. The "Full" indicator light on the control panel will illuminate when the bucket is full, and the unit will stop operating. Carefully slide out the bucket, empty the water, and reinsert it securely to resume operation.

## INNOVATIVE FEATURES



### Ultra-Quiet Operation

With a low dBA output, this dehumidifier is quieter than a household refrigerator. Meanwhile, with Energy Star certification, 24/7 while saving you money!

### Easy Maintenance

Easily empty the included tank when it's full, or simply connect a standard hose (not included) to the built in socket for continuous draining.

### Convenient Mobility

Thanks to its 4-wheel design and handles, you can easily move this dehumidifier to any room to enjoy automatic dehumidification and climate control at the push of a button.

Figure 5: Easy removal and emptying of the water collection bucket.

### Cleaning the Washable Filter

The dehumidifier is equipped with a washable air filter to maintain efficiency. A "Filter" indicator light will remind you when it's time to clean the filter (approximately every 250 hours of operation). To clean:

1. Turn off and unplug the unit.
2. Locate and remove the air filter from the back of the unit.
3. Wash the filter with warm, soapy water. Rinse thoroughly and allow it to air dry completely before reinserting.
4. Press and hold the "Filter" button for 3 seconds to reset the filter reminder.

### Automatic Defrost

The unit features an automatic defrost function. If frost builds up on the evaporator coils, the compressor will temporarily turn off, and the fan will continue to run until the frost melts. The "Defrost" indicator light will illuminate during this process.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Dehumidifier does not operate.	Power cord unplugged; Power outage; Water bucket full or not properly inserted; Humidity setting too high.	Ensure power cord is securely plugged in; Check circuit breaker; Empty and reinsert water bucket correctly; Lower the desired humidity setting.
Unit runs but does not dehumidify.	Air filter clogged; Room temperature too low; Unit size too small for area.	Clean the air filter; Ensure room temperature is above 41°F (5°C); Consider a larger capacity unit if the area is too big.
Unit is noisy.	Unit not level; Air filter clogged; Obstruction in fan.	Place unit on a level surface; Clean the air filter; Check for and remove any obstructions.
Compressor runs continuously after unit is turned off.	Internal malfunction.	Unplug the unit from the power outlet. Contact customer support for assistance.

## SPECIFICATIONS

**Brand:** Midea

**Model Name:** MAD50PS1WS

**Floor Area Coverage:** 4500 Square Feet

**Dehumidification Capacity:** 50 Pints per Day

**Water Tank Volume:** 1.6 Gallons

**Product Dimensions (D x W x H):** 11" x 15.43" x 24.25"

**Item Weight:** 46.6 pounds (21.16 Kilograms)

**Color:** White

**Material:** Plastic

**Special Features:** Continuous Draining, Automatic Defrost, Built-In Pump, Washable Filter, Wi-Fi Enabled

**Operation Mode:** Continuous

**Included Components:** Dehumidifier With Reusable Air Filter, User Manual

**Control Type:** Electronic

**UPC:** 810040942198

## WARRANTY AND SUPPORT

This Midea Dehumidifier comes with a **1 Year Parts & Labor Warranty** from the date of purchase. Please retain your proof of purchase for warranty claims.

For technical assistance, troubleshooting, or warranty service, please contact Midea Customer Support. Refer to the contact information provided in your product packaging or visit the official Midea website for the most up-to-date support details.

*Note: Unauthorized repairs or modifications may void your warranty.*

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