

Midea MAD50S1QWT

Midea Cube 50 Pint Dehumidifier User Manual

Model: MAD50S1QWT | Brand: Midea

INTRODUCTION

The Midea Cube dehumidifier is designed to provide unparalleled flexibility and capacity for maintaining optimal humidity levels in your home. Its innovative lift-and-twist design allows for extended operation with a larger water tank or compact storage when not in use. Equipped with smart control features, you can easily monitor and adjust settings from anywhere, ensuring a comfortable and healthy environment.

IMPORTANT SAFETY INFORMATION

Always read and understand all instructions before using this appliance. Failure to follow these instructions may result in electric shock, fire, or serious personal injury.

- Ensure the unit is unplugged before any cleaning or maintenance to prevent electric shock.
- Do not operate the unit with a damaged cord or plug.
- Keep the unit away from heat sources and direct sunlight.
- Do not block air inlets or outlets.
- Use only as described in this manual.

PRODUCT OVERVIEW & FEATURES

The Midea Cube dehumidifier is engineered for efficiency and user convenience, offering a range of features to effectively

manage humidity in various spaces.

Key Features:

- **4,500 Sq.Ft. of Coverage:** Collects 50 pints of water a day and adjusts humidity from 35% to 85%. Ideal for basements, bathrooms, bedrooms, or crawlspaces.
- **Smaller Form, Larger Capacity:** Unique lift-and-twist design offers up to 3 times more water tank capacity (4.2 Gallons/15.9L) than traditional dehumidifiers, allowing longer operation without frequent emptying.
- **Continuous Drain Option:** Versatile no-bucket option with included drain hose for direct drainage into a sink or floor drain.
- **Smart Control:** Wi-Fi enabled for control via the SmartHome app (iOS/Android) and voice commands with Alexa or Google Assistant.
- **Innovative Features:** Auto restart after power outages and auto-defrost function to prevent freezing.
- **Washable Filter:** Preserves air quality and reduces the need for expensive replacement parts.

Visual Guide:



Figure 1: The Midea Cube 50 Pint Dehumidifier, showcasing its compact design and smart home compatibility.

MULTI-DIRECTIONAL DEHUMIDIFICATION



Figure 2: Illustration of the unit's multi-directional air intake for efficient dehumidification across a room.

COMPACT WITH 3X MORE WATER CAPACITY*



4.2 Gallon



500ml x 32

*Compared to 2019 model of similar capacity

Figure 3: Visual representation of the dehumidifier's 4.2 gallon water tank, highlighting its larger capacity for extended use.

EXTENDED OR NESTED

Innovative design offers unparalleled flexibility - operate in extended or nested form.



Figure 4: The dehumidifier demonstrating its innovative extended and nested design, allowing for flexible placement and compact storage.

APP AND VOICE CONTROL

Alexa, set dehumidifier humidity level to 60%



Figure 5: The unit's smart control capabilities, showing integration with a smartphone app and voice assistants like Alexa and Google Home.

**EMPTY
WATER TANK**



**CONTINUOUS
DRAINAGE**



Figure 6: Options for water removal, including manually emptying the water tank and setting up continuous drainage.

DRAIN HOSE INCLUDED



Figure 7: Close-up of the drain hose connection point on the dehumidifier, illustrating the continuous drainage feature.

LIFT AND TWIST DESIGN



Figure 8: The unique lift and twist mechanism of the Midea Cube, allowing it to transition between extended and nested forms.

DURABLE HANDLE

Easy to lift to empty the bucket



Figure 9: The durable handle integrated into the design, making it easy to lift and transport the unit for emptying or repositioning.



13.5" x 13.5" x 23.13"

20Pint

Previously 30 Pints

(3.2 Gallon)

Up to **1500** Sq Ft .



14.51" x 14.55" x 25.53"

35Pint

Previously 50 Pints

(4.2 Gallon)

Up to **3500** Sq Ft .



14.51" x 14.55" x 25.53"

50Pint

Previously 70 Pints

(4.2 Gallon)

Up to **4500** Sq Ft .

Figure 10: A comparison of different Midea Cube models, illustrating their varying pint capacities and recommended coverage areas.

Product Videos:

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Video 1: An official overview of the Midea Cube Dehumidifier, highlighting its features and benefits for basements and general home use.

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Video 2: A detailed 2-year review of the Midea Cube Dehumidifier, discussing its performance, pros, and cons based on long-term use.

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Video 3: A review highlighting the Midea Cube's efficiency in removing moisture, demonstrating its effectiveness in humid environments.

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Video 4: A first-use demonstration of the Midea Cube Smart Dehumidifier, showing initial setup and operation.

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Video 5: An in-depth review questioning if this is the best dehumidifier, providing insights into its performance and suitability for different needs.

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Video 6: A 3-month review of the Midea Cube Dehumidifier, offering insights into its performance and reliability over time.

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Video 7: A quick take on the Midea Cube 50 Pint Dehumidifier, providing a concise overview of its key features and performance.

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Video 8: A review of the Midea Cube 20 Pint Dehumidifier, focusing on its features and suitability for smaller spaces.

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Video 9: A 3-year honest review of the Midea Cube 20 Pint Dehumidifier, sharing long-term user experience and insights.

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Video 10: A short video highlighting the unique and updated features of the Midea Cube Dehumidifier.

SETUP

Initial Placement:

Place the dehumidifier on a level surface in the area where humidity control is desired. Ensure there is adequate space around the unit for proper air circulation.

Assembling Wheels:

The Midea Cube comes with optional casters for easy mobility. To install, simply slide the metal posts of the wheels into the designated grooves on the bottom of the water bucket until they click into place. Use the provided plastic sleeves to secure them if necessary.

Lift and Twist Design:

The unique lift-and-twist design allows you to operate the unit in two forms: extended or nested. For extended capacity, ensure the top unit is fully seated and aligned with the water bucket. For compact storage or continuous drainage, lift the top unit by its handle, twist it 90 degrees, and gently lower it back into the bucket. Ensure the alignment arrows on the unit and bucket are matched for proper seating.

Continuous Drainage Setup:

For continuous operation without manual emptying, connect the included drain hose to the drainage port on the back of the unit. Ensure the hose is securely attached and routed downwards to a suitable drain (e.g., floor drain, sink) to allow for

gravity drainage. For models with a built-in pump, the pump can push water upwards up to 14 feet, offering more flexibility in drainage location.

OPERATING INSTRUCTIONS

Control Panel Overview:

The control panel on top of the unit features intuitive buttons and a digital display for easy operation.

- **Power Button:** Press to turn the unit On or Off. Press and hold for 3 seconds to connect to Wi-Fi.
- **Fan Speed:** Adjust between Low (L) and High (H) fan speeds.
- **Mode Button:** Cycle through available operating modes:
 - *Set Mode:* Allows you to set a target humidity level (e.g., 35%, 50%, 70%, 85%). The unit will run until this level is reached, then cycle on/off to maintain it.
 - *Continuous Mode:* The unit runs continuously regardless of humidity level. Ideal for very humid conditions or continuous drainage.
 - *Max Mode:* The unit runs continuously at the highest fan speed for maximum moisture removal.
- **Fill Level:** Indicates the current water level in the bucket (1-4). You can set the desired fill level at which the unit will stop operating to prevent overflow.
- **Timer:** Set a specific time (up to 24 hours) for the unit to run before automatically shutting off.

Smart Control (Wi-Fi & App):

The Midea Cube is Wi-Fi enabled, allowing you to control and monitor it remotely via the SmartHome app on your iOS or Android device. You can also use voice commands with Amazon Alexa or Google Assistant.

- **Remote Monitoring:** Check current room humidity and water tank level from your smartphone.
- **Adjust Settings:** Change modes, set target humidity, adjust fan speed, and set timers directly from the app.
- **Notifications:** Receive alerts when the water tank is full and needs to be emptied.

Automatic Functions:

- **Auto Restart:** In case of a power outage, the unit will automatically resume operation with the previous settings once power is restored.
- **Auto Defrost:** This function prevents the collected water from freezing inside the unit, protecting the machine from damage.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Midea Cube dehumidifier.

Emptying the Water Tank:

When the water tank is full, the unit will stop operating and may send a notification via the SmartHome app. To empty:

1. Lift the top unit from the water bucket.

- Carefully carry the water bucket to a sink or drain.
- Pour out the collected water.
- Return the empty bucket to its position and place the top unit back on, ensuring proper alignment.

Cleaning the Washable Filter:

The unit features a washable filter that helps maintain air quality. Clean the filter regularly (e.g., every two weeks or as needed) to ensure efficient operation.

- Unplug the dehumidifier from the power outlet.
- Locate and remove the air filter (refer to the diagram in the quick start guide for exact location).
- Wash the filter with warm, soapy water. Rinse thoroughly.
- Allow the filter to air dry completely before reinserting it into the unit.

General Cleaning:

Clean the exterior of the dehumidifier occasionally with a soft, damp cloth to keep it looking new. Do not use harsh chemicals or abrasive cleaners.

TROUBLESHOOTING

If you encounter issues with your Midea Cube dehumidifier, refer to the common problems and solutions below:

- Unit does not turn on:** Check if the power cord is securely plugged into a working outlet. Ensure the water tank is correctly seated and not full.
- No water collected:** Verify that the humidity setting is lower than the current room humidity. Check if the air filter is clean and not blocked. Ensure the unit is not in continuous drain mode without a proper drainage setup.
- Unit is noisy:** Ensure the unit is placed on a level, stable surface. Check for any obstructions in the air inlets or outlets.
- Error codes on display:** Consult the full user manual (PDF link below) for specific error code meanings and troubleshooting steps.

SPECIFICATIONS

Attribute	Value
Brand	Midea
Model Name	Midea Cube Dehumidifier
Model Number	MAD50S1QWT
Floor Area Coverage	4500 Square Feet
Capacity	50 Pints per Day

Attribute	Value
Tank Volume	4.2 Gallons
Product Dimensions	14.45"D x 14.76"W x 14.57"H
Item Weight	42 Pounds
Number of Speeds	3
Wattage	425 watts
Included Components	Drain Hose
Material	Plastic
UPC	810040942549

WARRANTY & SUPPORT

Warranty Information:

The Midea Cube Dehumidifier comes with a **1 Year Parts & Labor Warranty**.

Additional Resources:

For a comprehensive guide and further assistance, please refer to the official User Manual PDF [Download User Manual \(PDF\)](#)

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

Email

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