OMNIMAX OD50MTWBA1RCM

OMNIMAX 50 Pint Portable Dehumidifier User Manual

Model: OD50MTWBA1RCM

Introduction

Thank you for choosing the OMNIMAX 50 Pint Portable Dehumidifier. This manual provides important information for the proper operation, maintenance, and troubleshooting of your dehumidifier. Please read it thoroughly before using the appliance and keep it for future reference.
This high-capacity dehumidifier is designed to reduce moisture in your indoor environment, improving air quality and comfort. It features an adjustable thermostat, 2-speed fan control, and auto shutoff, along with a convenient bucket full indicator light.

Important Safety Information

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

- Read all instructions before using the appliance.
- Do not operate any appliance with a damaged cord or plug.
- Do not use the dehumidifier near water or in excessively damp locations.
- Ensure the power supply matches the voltage specified on the rating label.
- Keep the appliance away from heat sources and direct sunlight.
- Do not block air inlets or outlets.
- Unplug the dehumidifier before cleaning or performing any maintenance.
- This appliance is for indoor use only.

Product Overview

Familiarize yourself with the components of your OMNIMAX 50 Pint Portable Dehumidifier.



Figure 1: Front view of the OMNIMAX 50 Pint Portable Dehumidifier. The unit is white with a black control panel at the top and a black water level indicator on the front of the water collection bucket.

Key Features:

- High capacity dehumidifier (50 Pints per Day)
- 2 speed settings with turbo mode
- Adjustable thermostat for humidity control
- Auto defrost function
- Auto shut off when bucket is full
- Auto restart after a power outage
- Built-in refrigerant leak detector
- Convenient bucket full indicator light

Setup and Installation

Unpacking:

1. Carefully remove the dehumidifier from its packaging.
2. Remove all packing materials, including any tape or protective films.
3. Inspect the unit for any shipping damage. If damaged, do not operate and contact customer support.

Placement:

- Place the dehumidifier on a flat, level surface strong enough to support the unit when the water bucket is full.
- Ensure there is at least 8 inches (20 cm) of space around the unit for proper air circulation. Do not place it against a wall or furniture.
- Avoid placing the unit in direct sunlight or near heat-generating appliances.
- For optimal performance, operate the dehumidifier in an enclosed area. Close all doors and windows in the room where the unit is operating.

Power Connection:

- Plug the power cord into a grounded electrical outlet. Ensure the outlet meets the electrical requirements of the unit (115V, 60Hz).
- Do not use extension cords or adapter plugs.

Operating Instructions

Control Panel:

The control panel is located on the top of the unit. It includes various buttons and indicators for operation.
(Note: Specific button layouts and indicators may vary slightly. Refer to the diagram on your unit for precise identification.)

Starting the Dehumidifier:

1. Press the **POWER** button to turn the unit on. The display will show the current room humidity level.
2. Press the **MODE** button to select the desired operating mode (e.g., Continuous, Auto, Manual).
3. Use the **HUMIDITY SETTING** buttons (Up/Down arrows) to set your desired humidity level. The recommended range is typically between 40% and 60% relative humidity.
4. Press the **FAN SPEED** button to select between High or Low fan speeds. A higher speed will remove moisture faster.

Water Removal Options:

Your dehumidifier offers two methods for water removal:

1. Manual Drain (Water Bucket):

- When the water bucket is full, the unit will automatically shut off, and the "Bucket Full" indicator light will illuminate.
- Carefully pull out the water bucket from the front of the unit.
- Empty the collected water.
- Slide the empty bucket back into the unit until it clicks into place. The unit will resume operation.

2. Continuous Drain (Hose Connection):

- For continuous operation without emptying the bucket, attach a standard garden hose (not included) to the

continuous drain port located on the back of the unit.

- Ensure the hose is sloped downwards to allow gravity to drain the water to a suitable floor drain or large container.
- Do not allow the end of the hose to be submerged in water, as this can cause water to back up into the unit.

Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your dehumidifier.

Cleaning the Air Filter:

The air filter should be cleaned every two weeks or more frequently depending on usage and air quality.

1. Turn off the dehumidifier and unplug it from the power outlet.
2. Locate the air filter (usually at the back or side of the unit). Remove it by gently pulling it out.
3. Wash the filter with warm, soapy water. Rinse thoroughly.
4. Allow the filter to air dry completely before reinserting it. Do not use a dishwasher or hot water.
5. Reinsert the dry filter back into the unit.

Cleaning the Dehumidifier Body:

- Wipe the exterior of the unit with a soft, damp cloth.
- Do not use harsh chemicals, abrasive cleaners, or solvents.
- Ensure no water enters the control panel or electrical components.

Water Bucket Cleaning:

- Clean the water bucket periodically to prevent mold and mildew growth.
- Wash with warm water and a mild detergent. Rinse thoroughly and dry before replacing.

Long-Term 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.

Troubleshooting

Before contacting customer service, please refer to the following troubleshooting guide for common issues.

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power supply. Power cord not securely plugged in. Circuit breaker tripped.	Ensure unit is plugged into a live outlet. Check power cord connection. Reset circuit breaker.
Unit runs but does not dehumidify.	Air filter is dirty. Room temperature is too low. Humidity setting is too high. Doors/windows are open.	Clean the air filter. Dehumidifiers operate best above 41°F (5°C). Lower the desired humidity setting. Close all doors and windows in the room.

Problem	Possible Cause	Solution
"Bucket Full" indicator is on, but bucket is not full.	Bucket not properly seated. Float switch malfunction.	Remove and reinsert the water bucket, ensuring it is fully seated. Contact customer support if issue persists.
Unit is noisy.	Unit not on a level surface. Air filter is dirty. Obstruction in fan.	Place unit on a firm, level surface. Clean the air filter. Check for and remove any obstructions.
Water leaks from the unit.	Water bucket is full or improperly seated. Continuous drain hose is clogged or improperly connected.	Empty and properly reseat the water bucket. Check continuous drain hose for kinks or blockages and ensure secure connection.

Specifications

Feature	Detail
Brand	OMNIMAX
Model Name	OD50MTWBA1RCM
Capacity	50 Pints per Day
Tank Volume	50 Pints
Number of Speeds	2
Product Dimensions (L x W x H)	15.4 x 11.1 x 24.3 inches
Item Weight	44.4 pounds
Color	Multicolor (White + Black)
UPC	822733357974
Special Features	Auto Defrost, Auto Shut Off, Auto Restart, Built-in Refrigerant Leak Detector

Warranty and Customer Support

OMNIMAX products are manufactured to the highest quality standards. For warranty information or technical assistance, please contact OMNIMAX customer support.
Please have your model number (OD50MTWBA1RCM) and UPC (822733357974) available when contacting support.
(Note: Specific warranty terms and contact details may be provided on a separate warranty card included with your product or on the manufacturer's official 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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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

Answered questions about this manual

Where do I place the plastic part that was included with the OMNIMAX 50 Pint Portable Dehumidifier (Model OD50MTWBA1RCM)?

Based on the OMNIMAX 50 Pint Portable Dehumidifier (Model OD50MTWBA1RCM) manual, there are two common plastic parts that users often find during unpacking:The Air Filter: This is a large plastic mesh frame. It is...

Read full answer

Why does my OMNIMAX OD50MTWBA1RCM dehumidifier keep shutting off, and how can I make it run continuously?

Your OMNIMAX OD50MTWBA1RCM dehumidifier may be shutting off for several reasons related to its safety features or settings. To ensure it runs continuously, follow these steps:Select Continuous Mode: Press the MODE button on the...

Read full answer

Is it common for hot air to be blowing out of the side of the OMNIMAX OD50MTWBA1RCM 50 Pint Portable Dehumidifier while it is working?

Yes, it is completely normal for a dehumidifier like the OMNIMAX OD50MTWBA1RCM to blow warm or hot air from its exhaust. This is a standard part of the dehumidification process.Why this happens:Heat Exchange: Dehumidifiers...

Read full answer

Where is the MODE button located on the OMNIMAX OD50MTWBA1RCM 50 Pint Portable Dehumidifier?

On the OMNIMAX OD50MTWBA1RCM dehumidifier, the MODE button is located on the control panel at the top of the unit. While the exact layout can vary slightly by production batch, it is typically positioned...

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