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› Vornado VMH500 Whole Room Metal Heater User Manual

Vornado VMH500

Vornado VMH500 Whole Room Metal Heater User Manual

Model: VMH500

For optimal performance and safety, please read this manual thoroughly before use.

1. INTRODUCTION

The Vornado VMH500 Whole Room Metal Heater is engineered to provide consistent, comfortable heat throughout a small to medium-sized room using Vornado's signature Vortex Heat Circulation. This manual provides essential information for the safe operation, proper maintenance, and effective troubleshooting of your VMH500 heater.

2. IMPORTANT SAFETY INSTRUCTIONS

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

- Always unplug the heater when not in use or before cleaning.
- Do not operate any heater with a damaged cord or plug, or after the heater malfunctions or has been dropped or damaged in any manner.
- Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Arrange cord away from traffic area and where it will not be tripped over.
- This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces.
- Extreme caution is necessary when any heater is used by or near children or invalids and whenever the heater is left operating and unattended.
- Do not use outdoors. This heater is intended for indoor use only.
- To prevent a possible fire, do not block air intakes or exhaust in any manner. Do not use on soft surfaces, like a bed, where openings may become blocked.
- Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the heater.

- This product is built to meet U.S. voltage requirements (120V). Use with external devices that alter or convert voltage or frequency may void all warranties.
- The VMH500 features a cool-touch exterior, tip-over protection, and a 2-stage automatic safety shut-off for enhanced safety.

3. PRODUCT FEATURES

The Vornado VMH500 heater incorporates several features designed for efficient and safe heating:

- **Vortex Heat Circulation:** Distributes heat evenly throughout the entire room.
- **Auto Climate Control:** Automatically adjusts heat output and fan speed to maintain a set temperature.
- **Multiple Heat Settings:** Offers Low and High heat settings, plus a Fan Only mode.
- **Adjustable Thermostat:** Allows precise temperature control.
- **1-12 Hour Timer:** For scheduled operation and automatic shut-off.
- **Remote Control:** Provides convenient operation from a distance.
- **Cool-Touch Metal Cabinet:** Ensures the exterior remains safe to touch during operation.
- **Tip-Over Protection:** Automatically shuts off the unit if it is accidentally tipped over.
- **2-Stage Automatic Safety Shut-Off:** Provides protection against overheating.
- **Integrated Handle:** For easy portability.
- **LED Displays:** Two displays for clear visibility of settings.

4. SETUP AND PLACEMENT

Follow these guidelines for proper setup and optimal performance:

1. **Unpacking:** Carefully remove the heater from its packaging. Retain packaging for off-season storage.
2. **Placement:** Place the heater on a firm, level surface. Ensure the heater is not obstructed by curtains, furniture, or other objects. Maintain at least 6 inches (15 cm) of clearance from walls or other objects to allow for proper airflow.
3. **Power Connection:** Plug the power cord into a standard 120V AC grounded wall outlet. Avoid using extension cords or power strips.



Figure 4.1: Front-left view of the Vornado VMH500 heater with its remote control.

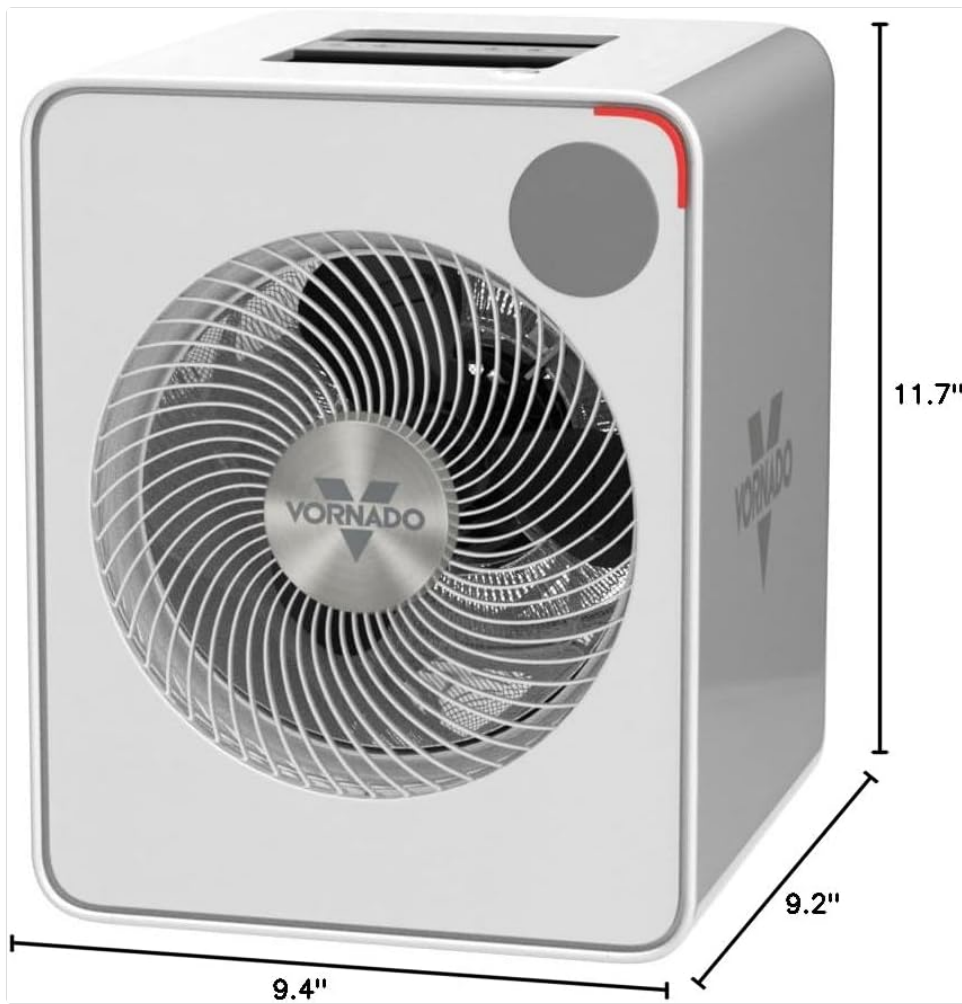


Figure 4.2: Dimensions of the Vornado VMH500 heater: 9.4 inches deep, 9.2 inches wide, and 11.7 inches high.

5. OPERATING INSTRUCTIONS

The VMH500 offers intuitive controls for setting your desired comfort level.



Figure 5.1: Close-up of the VMH500's top control panel and front display, highlighting Auto-Climate Control, 2 Heat Settings, Integrated Handle, and Remote Control features.

5.1 Power On/Off

- Press the **Power Button** on the control panel or remote to turn the unit On or Off.

5.2 Setting Temperature (Auto Climate Control)

- When the heater is on, use the **SET** buttons (up/down arrows) to adjust the desired room temperature. The display will show the set temperature.
- The Auto Climate Control feature will automatically select the appropriate heat setting (Low/High) and fan speed to reach and maintain your set temperature.

5.3 Selecting Heat Settings

- Press the **MODE** button to cycle through the available heat settings: Low Heat, High Heat, and Fan Only.
- In Fan Only mode, the heater circulates air without providing heat.

5.4 Using the Timer

- Press the **TIMER** button to activate the countdown timer. Each press will increase the timer duration in 1-hour increments, up to 12 hours.
- The heater will automatically turn off once the set time has elapsed.

5.5 Using the Remote Control

- The remote control duplicates the functions of the control panel buttons, allowing for convenient adjustments from a distance.

- Ensure the remote control has a working CR2032 battery (included).

Heat the room you're in, not the entire house.

By heating only the rooms you're in, you can lower your whole house thermostat up to 5 degrees.

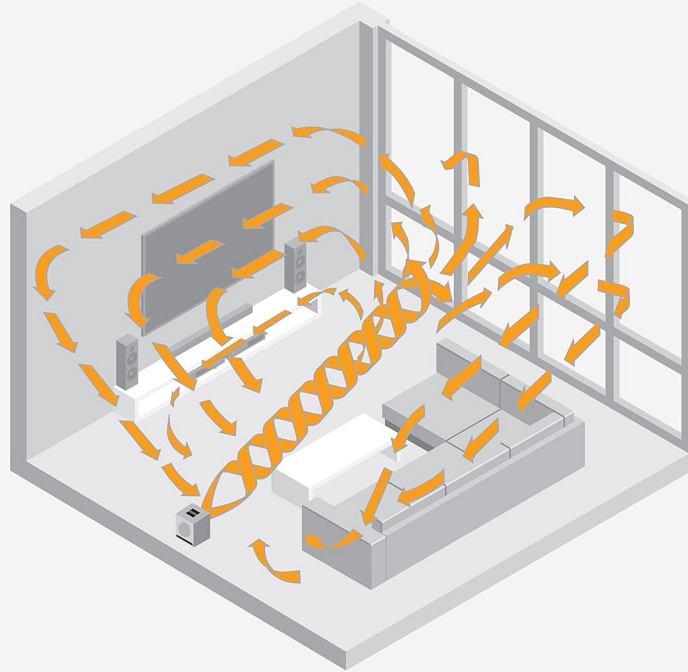


Figure 5.2: Diagram illustrating how the Vornado VMH500 uses vortex air circulation to distribute heat throughout a room, ensuring consistent temperature.

6. MAINTENANCE

Regular cleaning helps maintain the performance and longevity of your heater.

1. **Power Off and Unplug:** Always ensure the heater is turned off and unplugged from the power outlet before performing any cleaning.
2. **Exterior Cleaning:** Use a soft, damp cloth to wipe down the exterior surfaces of the heater. Do not use gasoline, thinners, solvents, or other harsh chemicals, as these may damage the finish.
3. **Grille Cleaning:** Periodically clean the air inlet and outlet grilles to prevent dust buildup. A vacuum cleaner with a brush attachment can be used to remove dust from these areas.
4. **Storage:** When not in use, store the heater in a cool, dry place. It is recommended to store it in its original packaging to protect it from dust and damage.

7. TROUBLESHOOTING

If your Vornado VMH500 heater is not operating as expected, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Unit does not operate.	No power, safety shut-off activated, or tip-over switch engaged.	Ensure the unit is plugged into a working outlet. Check if the unit has been tipped over; place it upright. Unplug the unit for 30 seconds and plug it back in to reset the safety shut-off.
Insufficient heat output.	Incorrect heat setting, thermostat set too low, or room size exceeds capacity.	Increase the heat setting (High). Adjust the thermostat to a higher temperature. Ensure the heater is used in a small to medium-sized room.
Unit cycles on and off frequently.	Thermostat setting is too close to the ambient room temperature.	Adjust the thermostat to a slightly higher or lower temperature to create a wider operating range.

If the problem persists after attempting these troubleshooting steps, please contact Vornado Customer Service.

8. SPECIFICATIONS

Brand	Vornado
Model Number	VMH500
Voltage	120 Volts
Amperage	12.5 Amps
Number of Speeds	3 (Low Heat, High Heat, Fan Only)
Product Dimensions (D x W x H)	9.4" x 9.2" x 11.7"
Item Weight	9.7 pounds
Cable Length	6 Feet
Max Temperature Setting	100 Degrees Fahrenheit
Recommended Room Size	Small to Medium-sized rooms
Included Components	VMH500 Heater, Remote Control, CR2032 Battery, Owner's Guide

9. WARRANTY AND SUPPORT

9.1 Warranty Information

The Vornado VMH500 Whole Room Metal Heater is backed by a **5-year hassle-free warranty**. This warranty covers defects in materials and workmanship under normal household use from the date of purchase. For full warranty details and conditions, please refer to the official Vornado website or contact customer service.

9.2 Customer Support

For any questions, assistance, or warranty claims, please contact Vornado Customer Service. Our dedicated team is based in Andover, KS, and is ready to help.

Please have your model number (VMH500) and purchase information available when contacting support.