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Vornado AC550

Vornado AC550 Whole Room Air Purifier User Manual

Model: AC550 (AC1-0039-43)

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1. INTRODUCTION

This manual provides instructions for the safe and efficient operation of your Vornado AC550 Whole Room Air Purifier. Please read all instructions before use and retain this manual for future reference.

The Vornado AC550 utilizes True HEPA filtration to circulate and filter air throughout a room, effectively removing airborne pollutants.





Image: Front view of the Vornado AC550 Whole Room Air Purifier in Ice White.

2. IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USING THIS APPLIANCE.

- Always unplug the air purifier before cleaning or performing any maintenance.
- Do not operate any appliance with a damaged cord or plug.
- Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings.
- Do not use this air purifier outdoors or on wet surfaces.
- This appliance is intended for household use only.
- Do not allow children to play with the air purifier.
- Do not block air openings or operate near soft surfaces that may block openings.
- This product is built to meet U.S. voltage requirements and may not function properly when used with external devices that alter or convert voltage or frequency of electricity. Improper use or shipping the product outside the U.S. will void all warranties.

3. PRODUCT FEATURES

The Vornado AC550 Air Purifier is designed to provide clean air throughout your room with advanced filtration and user-friendly controls.

- **Dual Stage Filtration:** Features two True HEPA Filters and two Activated Carbon Filters. True HEPA filters capture 99.97% of airborne pollutants as small as 0.3 microns, including bacteria, smoke, mold spores, and pet dander. Activated Carbon Filters adsorb odors and trap larger particles.
- **Efficient Coverage:** Designed for small to medium-sized rooms up to 180 square feet.
- **4 Speed Settings:** Electronic controls allow selection of four fan speeds for customized air purification, from rapid cleaning to quiet operation.
- **Sleep Mode:** A light sensor automatically reduces noise levels in low light conditions for a tranquil environment.
- **Advanced Sensors:** Dust-sensing technology monitors air quality and adjusts fan speed automatically.
- **Filter Replacement Indicator:** Lights indicate when filters need to be replaced.

Two stage filtration.

AC550's True HEPA filter traps dust, pollen, pet dander and more while the carbon filter both adsorbs odors and traps larger particles.

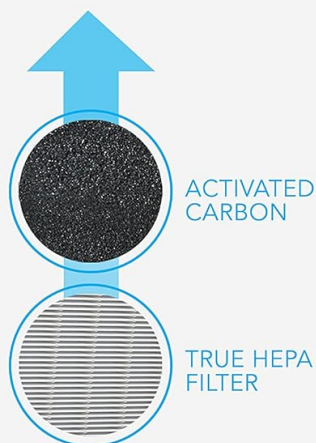


Image: Close-up of the Vornado AC550 control panel showing buttons for Sleep, Power, Speed Adjustment, and Auto mode, along with filter indicators.

Keep the air in your home clean.

Capture 99.97% of particles
0.3 microns or larger.



Image: Diagram illustrating the two-stage filtration system of the Vornado AC550, showing activated carbon and True HEPA filters.

4. SETUP

4.1 Unpacking

1. Carefully remove the air purifier from its packaging.
2. Remove any plastic bags or protective materials.
3. Inspect the unit for any signs of damage. If damaged, do not operate and contact customer service.

4.2 Filter Installation (Initial Setup)

The filters may come pre-installed but require removal of protective packaging before first use.

1. Ensure the unit is unplugged from the power outlet.
2. Locate the filter access panel, typically on the side or back of the unit.
3. Open the access panel.
4. Remove the True HEPA and Activated Carbon filters.
5. Remove any plastic wrapping from the filters.

6. Reinsert the filters into their designated slots, ensuring proper orientation.
7. Close the access panel securely.

4.3 Placement

For optimal performance, place the air purifier in a central location within the room you wish to purify. Ensure there is adequate space around the unit for unobstructed airflow.

Purify more air, more often.

Vornado has combined a powerful blower with precise aerodynamics to effectively clean all the air in the room.

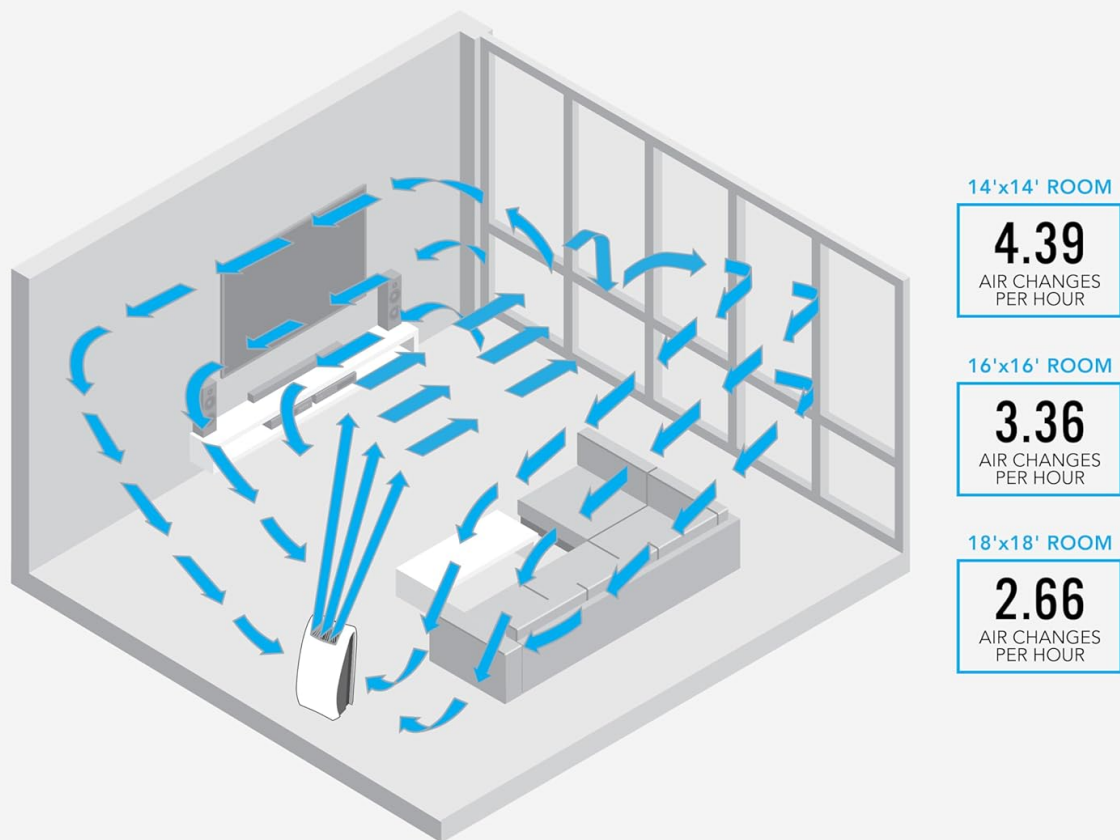


Image: Diagram showing how the Vornado AC550 circulates air throughout a room, indicating air changes per hour for different room sizes.

5. OPERATION

5.1 Power On/Off

Plug the air purifier into a standard electrical outlet. Press the Power button () on the control panel to turn the unit on or off.

5.2 Fan Speed Adjustment

The AC550 has four fan speed settings. Use the Speed Adjustment buttons (← and →) to cycle through the

available speeds. Higher speeds provide faster air purification, while lower speeds offer quieter operation.

5.3 Auto Mode

Press the AUTO button to activate Auto Mode. In this mode, the built-in dust-sensing technology will monitor the air quality and automatically adjust the fan speed to maintain optimal purification.

5.4 Sleep Mode

Press the SLEEP button to activate Sleep Mode. The unit will operate at its lowest, quietest setting, and the display lights will dim or turn off to minimize disturbance during sleep.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your air purifier.

6.1 Filter Replacement

The Filter Replacement Indicator lights will illuminate when it's time to replace the filters. The True HEPA filters and Activated Carbon filters have different lifespans and may need to be replaced at different intervals.

1. Unplug the air purifier from the power outlet.
2. Open the filter access panel.
3. Remove the old filters.
4. Dispose of used filters responsibly.
5. Insert new Vornado replacement filters, ensuring they are unwrapped and correctly oriented.
6. Close the access panel.
7. Plug in the unit and reset the filter indicator by pressing and holding the appropriate button (refer to the control panel diagram in Section 3).



Image: Illustration showing the process of replacing the filters in the Vornado AC550 air purifier.

6.2 Cleaning the Unit

Wipe the exterior of the air purifier with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the unit is unplugged before cleaning.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	Not plugged in; power outlet malfunction; unit damage.	Ensure unit is securely plugged in. Test outlet with another device. If still not working, contact customer service.
Reduced airflow or purification.	Clogged filters; blocked air intake/outlet.	Check and replace filters if indicator lights are on. Ensure no obstructions around air intake/outlet.
Unusual noise.	Foreign object inside; unit not on a level surface.	Unplug and inspect for foreign objects. Place unit on a stable, level surface.
Filter indicator light remains on after replacement.	Filter reset not performed.	Press and hold the filter reset button until the light turns off.

8. SPECIFICATIONS

- **Model:** AC550 (AC1-0039-43)
- **Brand:** Vornado
- **Color:** Ice White
- **Product Dimensions:** 11.5"D x 13.2"W x 27.4"H
- **Floor Area Coverage:** Up to 180 Square Feet
- **Noise Level:** 52 Decibels (max)
- **Particle Retention Size:** 0.3 Micrometer
- **Controller Type:** Button Control
- **Wattage:** 145 watts
- **Filter Class:** True HEPA, Activated Carbon
- **Item Weight:** 15 pounds
- **UPC:** 043765010297
- **Special Feature:** Electric, Dust-sensing technology, Sleep Mode
- **Included Components:** Air Purifier, Owner's Guide

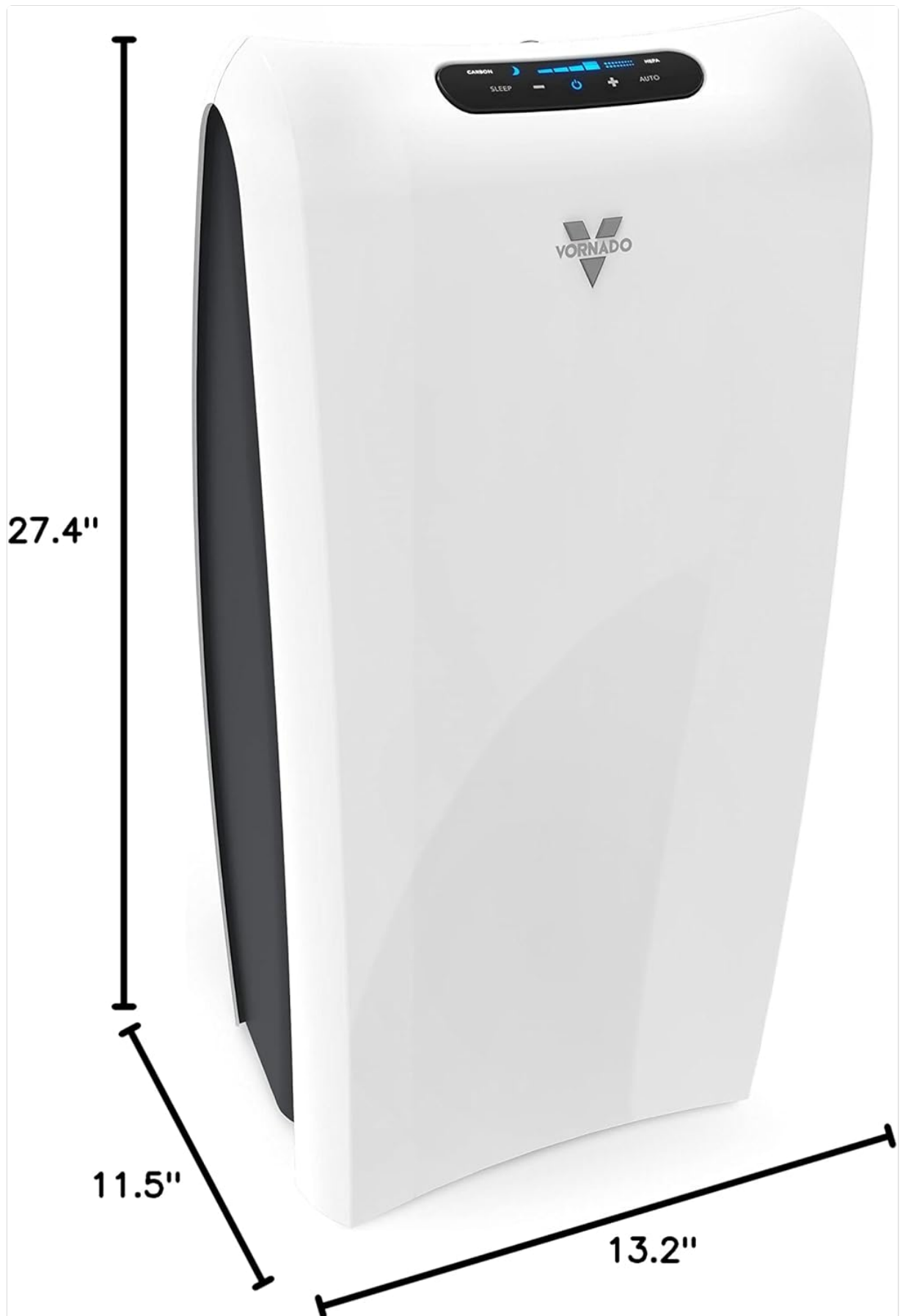


Image: Diagram illustrating the dimensions of the Vornado AC550 air purifier.

9. WARRANTY AND SUPPORT

The Vornado AC550 Air Purifier comes with a **5-year warranty**. For warranty claims or technical support, please contact Vornado customer service.

Contact Information: Refer to the official Vornado website or the contact details provided in your product packaging for the most up-to-date support information.



Image: Logo indicating a 5-year warranty for Vornado products.