

Rosewill RHAP-20003

Rosewill True HEPA Replacement Filter RHAP-20003 User Manual

Compatible with Rosewill Air Purifier Models RHAP-20001 & RHAP-20002

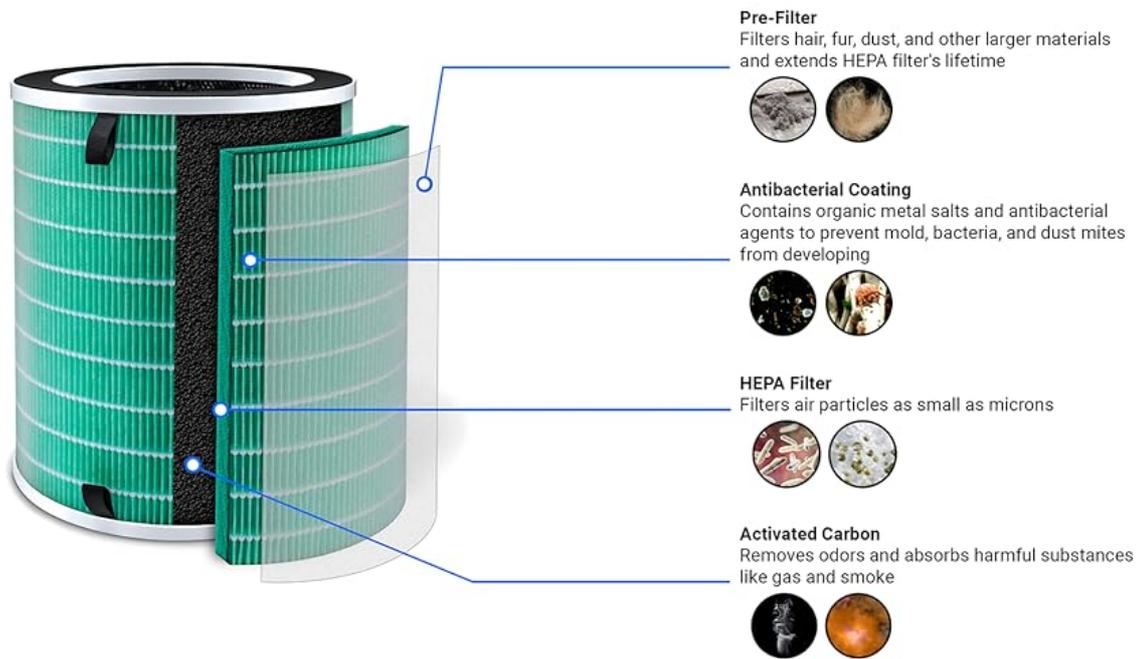
1. PRODUCT OVERVIEW

The Rosewill True HEPA Replacement Filter (Model RHAP-20003) is designed to maintain optimal air quality in your home or office when used with compatible Rosewill air purifiers (RHAP-20001 and RHAP-20002). This filter features an advanced 4-stage purification system to capture various airborne particles and odors.

4-Stage Purification System

- **Pre-Filter:** Captures larger particles such as dust, lint, fibers, and pet fur, extending the life of subsequent filters.
- **Antibacterial Coating:** Contains organic metal salts and antibacterial agents to inhibit the growth of mold, bacteria, and dust mites.
- **True HEPA Filter:** Traps 99.97% of airborne particles as small as 0.3 microns, including pollen, pet dander, and smoke particles.
- **Activated Carbon Filter:** Absorbs household odors, volatile organic compounds (VOCs), and other harmful gases.

True HEPA Replacement Filter



This diagram shows the internal structure of the filter, detailing its four layers: Pre-Filter, Antibacterial Coating, HEPA Filter, and Activated Carbon. Each layer's function is described.

Advanced 4-Stage Purification System



Pre-Filter Layer



Antibacterial Coating



True HEPA Filter



Activated Carbon

Detailed images of each filtration stage, including the fibrous Pre-Filter Layer, the smooth Antibacterial Coating, the pleated True HEPA Filter, and the granular Activated Carbon layer.

2. SETUP AND INSTALLATION

Follow these steps to correctly install your new Rosewill True HEPA Replacement Filter into your compatible air purifier.

1. **Unpack the Filter:** Carefully remove the new filter from its packaging.
2. **Remove Plastic Cover:** It is critical to remove all plastic packaging from the filter before installation. Failure to do so will prevent proper air circulation and filtration.

Must Remove Plastic Cover Before Using



This visual guide emphasizes the critical step of removing the protective plastic packaging from the new filter before installation to ensure proper air filtration.

3. **Access Filter Compartment:** Refer to your Rosewill air purifier's user manual for specific instructions on how to open the filter compartment.
4. **Remove Old Filter:** Carefully remove the used filter from the air purifier. Dispose of the old filter according to local regulations.
5. **Insert New Filter:** Place the new RHAP-20003 filter into the air purifier, ensuring it is seated correctly and securely.
6. **Close Compartment:** Close the filter compartment door or cover.
7. **Reset Filter Indicator:** If your air purifier has a filter replacement indicator, follow the instructions in your air purifier's manual to reset it.

3. OPERATING INSTRUCTIONS

Once the replacement filter is installed, the air purifier will operate as usual. The filter functions automatically as air passes through its multiple layers.

- Ensure the air purifier is plugged in and powered on.
- Refer to your specific Rosewill air purifier model's manual for detailed operating modes and settings.
- The filter's effectiveness is maintained by regular cleaning of the pre-filter and timely replacement of the entire filter unit.

4. MAINTENANCE

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

Cleaning the Pre-Filter Layer

The outer pre-filter layer can be cleaned periodically to remove larger dust and debris, which helps prolong the overall filter's efficiency.

- Turn off and unplug the air purifier before any cleaning.
- Carefully remove the filter from the air purifier.
- Use a soft brush attachment on a vacuum cleaner to gently clean the exterior surface of the filter, focusing on the pre-filter layer. Do not wash the filter with water.
- Reinstall the filter once cleaned.



This image demonstrates how to clean the outer surface of the filter, specifically the pre-filter layer, using a handheld vacuum to remove larger particles and extend filter life.

Filter Replacement Schedule

The True HEPA and Activated Carbon layers are not washable and must be replaced. The filter replacement interval depends on air quality and usage frequency. Typically, the filter should be replaced every 6-8 months. Your air purifier's filter indicator light will signal when a replacement is due.

5. TROUBLESHOOTING

If you experience issues after installing the replacement filter, consider the following:

- **Reduced Airflow:** Ensure all plastic packaging has been removed from the filter. Check that the filter is installed correctly and the air purifier's compartment is securely closed.
- **Unusual Odors:** If new odors are present, verify the filter is correctly installed and that all packaging is

removed. If the filter is old, it may be saturated and require replacement.

- **Filter Indicator Light Remains On:** After replacing the filter, you must manually reset the filter life indicator on your air purifier. Refer to your air purifier's manual for specific instructions on how to perform this reset.
- **Air Purifier Not Functioning:** Ensure the air purifier is properly plugged into a working power outlet. Check if the filter compartment is fully closed, as some models have a safety switch that prevents operation if the compartment is open.

6. SPECIFICATIONS

Feature	Detail
Brand	Rosewill
Model Number	RHAP-20003
Compatible Devices	Rosewill Air Purifiers RHAP-20001, RHAP-20002
Product Dimensions	10.45 x 9 x 9 inches
Filtration Stages	4-Stage (Pre-Filter, Antibacterial Coating, True HEPA, Activated Carbon)
UPC	840951133606

7. WARRANTY AND SUPPORT

For warranty information regarding your Rosewill True HEPA Replacement Filter, please refer to the documentation provided with your original Rosewill air purifier or visit the official Rosewill website. This replacement filter is designed to work with specific Rosewill air purifier models.

For technical support or further assistance, please contact Rosewill customer service through their official website or the contact information provided with your air purifier.

Online Resources: www.rosewill.com