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Model: HPA100

1. INTRODUCTION

The Honeywell HPA100 HEPA Air Purifier is designed to provide cleaner, fresher air in medium-sized rooms up to 155 sq. ft. This unit is part of the Allergen Plus series and is equipped with a Certified Honeywell HEPA Filter that captures up to 99.97% of microscopic airborne particles such as pollen, pet dander, dust, and smoke. It also features an activated carbon pre-filter to help reduce odors and VOCs. The air purifier can filter and circulate air up to 4.8 times an hour, contributing to a healthier indoor environment.



Figure 1: Honeywell HPA100 HEPA Air Purifier in a typical room setting.

2. IMPORTANT SAFETY INSTRUCTIONS

Please read and save these safety instructions before using your air purifier. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always unplug the air purifier before moving, cleaning, or changing filters.
- Do not operate any air purifier with a damaged cord or plug.
- Keep the cord away from heated surfaces.
- Do not use the air purifier outdoors.
- Place the air purifier on a firm, level surface.
- Do not block air openings.
- Do not immerse the air purifier in water or other liquids.

3. PRODUCT FEATURES

The Honeywell HPA100 is designed with several features to enhance air purification and user convenience:

- **True HEPA Filtration:** Captures up to 99.97% of microscopic airborne allergens and particles (0.3 microns and larger) including pollen, pet dander, dust mite debris, and smoke.
- **Activated Carbon Pre-Filter:** Helps capture larger airborne particles and reduces common household odors and VOCs.
- **Multiple Air Cleaning Levels:** Includes Germ, General Clean, Allergen, and Turbo Clean settings to suit various needs.
- **Automatic Shut-Off Timer:** Program the unit to turn off after 2, 4, or 8 hours.
- **Filter Change Indicators:** Alerts you when it's time to replace the HEPA filter and pre-filter.
- **Control Panel Dimmer:** Adjusts the brightness of the control panel lights for nighttime use.
- **ENERGY STAR Certified:** Meets strict energy efficiency guidelines set by the U.S. EPA.



Figure 2: Certified HEPA filtration captures microscopic airborne allergens and particles.



Figure 3: The two-step filtration system with pre-filter and HEPA filter.

4. SETUP

Follow these steps to set up your Honeywell HPA100 Air Purifier:

1. **Unpack the Unit:** Carefully remove the air purifier from its packaging.
2. **Remove Filter Packaging:** Open the front grille of the air purifier. Remove all plastic packaging from the HEPA filters and the pre-filter.
3. **Install Filters:** Insert the activated carbon pre-filter (Filter A) into the designated slots, ensuring it covers the HEPA filters. Then, insert the HEPA filters (Filter R) into their respective compartments. Ensure the pull tabs are facing outwards for easy removal.
4. **Close Front Grille:** Securely close the front grille until it clicks into place.
5. **Placement:** Place the air purifier on a firm, level surface in the room where you desire air purification. Ensure there is adequate space around the unit for proper air circulation.
6. **Plug In:** Plug the power cord into a grounded electrical outlet.

FRESHER, CLEANER AIR IN MINUTES

This air purifier will filter the air in the AHAM Suggested **Room Size of 155 sq. ft.** providing **4.8 air exchanges** in one hour.


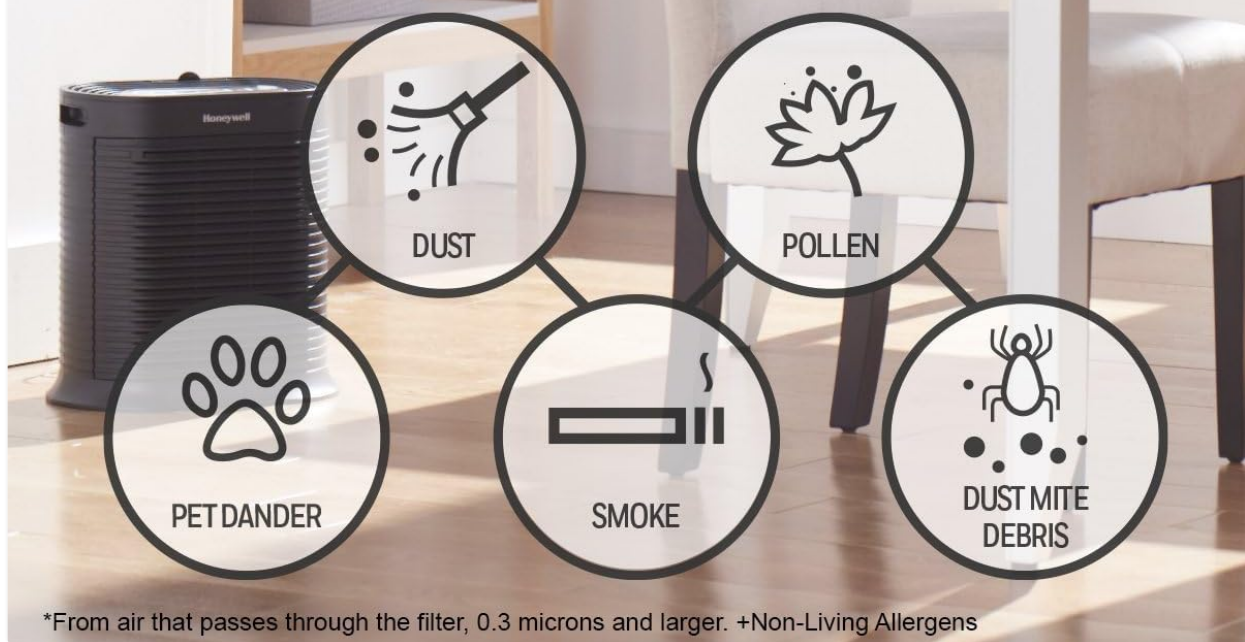
Room Size HPA100, HPA104	Time to Cleaner Air	Air Exchanges per Hour (ACH)
155 sq. ft.	Every 12.5 minutes	4.8x per hour 
188 sq. ft.	Every 15 minutes	4x per hour
250 sq. ft.	Every 20 minutes	3x per hour
375 sq. ft.	Every 30 minutes	2x per hour
750 sq. ft.	Every 60 minutes	1x per hour

Figure 4: Filter compartments inside the unit.

CERTIFIED HEPA HELPS CAPTURE UP TO 99.97% OF THE FOLLOWING MICROSCOPIC AIRBORNE ALLERGENS⁺ AND PARTICLES*



*From air that passes through the filter, 0.3 microns and larger. +Non-Living Allergens

Figure 5: Proper filter installation and removal.

5. OPERATING INSTRUCTIONS

The Honeywell HPA100 features an intuitive control panel for easy operation:

- **Power On/Off:** Press the **Power button** (circle with vertical line) to turn the unit on or off.
- **Adjust Cleaning Level:** Use the **Fan Speed button** (fan icon) to cycle through the cleaning levels: Germ (low), General Clean (medium), Allergen (high), and Turbo.
- **Set Timer:** Press the **Timer button** (clock icon) to select an automatic shut-off time of 2, 4, or 8 hours.
- **Dimmer:** Press the **Dimmer button** (sun icon) to adjust the brightness of the control panel lights.



Figure 6: Control panel overview.

6. MAINTENANCE

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

Filter Replacement

- **HEPA Filters (Filter R):** Replace approximately once per year. The 'Check Filter' indicator light will illuminate when replacement is needed.
- **Activated Carbon Pre-Filter (Filter A):** Replace approximately every 3 months. The 'Check Pre-Filter' indicator light will illuminate when replacement is needed.

Always use Genuine Honeywell replacement filters for guaranteed performance and efficiency. Compatible filter replacements are not guaranteed to offer the same performance.

Resetting Filter Indicators

After replacing a filter, press and hold the corresponding 'Check Filter' or 'Check Pre-Filter' button for approximately 2 seconds until the light resets.

Cleaning the Exterior

Wipe the exterior of the air purifier with a soft, dry cloth as needed. Do not use water, wax polish, or any chemical solution.



Figure 7: HEPA filter replacement reminder.



Figure 8: Pre-filter replacement reminder.

7. TROUBLESHOOTING

If your Honeywell HPA100 Air Purifier is not operating correctly, refer to the following common issues and solutions:

- **Unit will not turn on:** Ensure the unit is plugged into a working electrical outlet. Check that the front grille is securely closed.
- **Airflow is reduced or noisy:** Check if filters are dirty and need replacement. Ensure there are no obstructions blocking the air intake or output.
- **Filter indicator light remains on after replacement:** Make sure you have correctly reset the filter indicator by pressing and holding the corresponding button for 2 seconds.
- **Unusual odor:** The pre-filter may be saturated with odors and needs replacement.

If the problem persists, contact Honeywell customer support for assistance.

8. SPECIFICATIONS

Specification	Detail
Model Number	HPA100
Brand	Honeywell
Color	Black

Product Dimensions (D x W x H)	13.94" x 13.54" x 8.9"
Recommended Room Size	155 sq. ft.
Air Circulation Rate	Up to 4.8 times per hour (in 155 sq. ft. room)
Noise Level	60 Decibels
Wattage	80 watts
Filter Class	HEPA, Activated Carbon
Particle Retention Size	0.3 Micron
Controller Type	Button Control
Warranty	5 year limited warranty

9. WARRANTY AND SUPPORT

This Honeywell HPA100 HEPA Air Purifier comes with a **5-year limited warranty**. For detailed warranty information, product support, or to purchase genuine replacement filters, please visit the official Honeywell website or contact their customer service. Always ensure you are purchasing genuine Honeywell filters for optimal performance and to maintain your warranty.