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Best Air Purifiers of 2024

By [Terri Williams](#)



Reviewed by [Marlo Jappen Porto](#)

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The average person spends 90% of their time indoors, according to the [Environmental Protection Agency](#). The EPA also found that indoor air can be two to five times as polluted as the air you breathe when outdoors. The quality of your indoor air can affect your health in negative ways. Thus, you may be interested in an air purifier to keep your indoor air clean.

An air purifier can filter contaminants and then vent clean air back into the room. Our list of the best air purifiers includes seven models of various sizes and features, with the LG AeroTower Air Purifying Fan earning our top recommendation.

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Best Overall

LG AeroTower Air Purifying Fan »



PROS:

✓ Functions as both a fan

CONS:

✗ Heavy

and an air purifier

✗ Expensive

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- ✓ Uses LG's UVnano LED technology to kill bacteria on blades
- ✓ 10 fan speeds and an oscillating setting

[Buy From LG](#)

The author of this piece, Williams, who has tested her fair share of air purifiers throughout her career, found the LG AeroTower Air Purifying Fan to be the most impressive. The unit is pricey at nearly \$559, but it serves as both an air purifier and a tower fan, which can justify the price for some. It gives users lots of options: There are 10 fan speeds, plus an oscillating setting to boost air movement, and three airflow modes: Wide, Direct (the vane closes partially), and Diffusion (the air is purified, but cool air does not flow from the front).

The air purifier uses a multi-purification process, which includes a pre-filter, a True HEPA (high-efficiency particulate air) filter, a carbon deodorization filter, and UVnano LED, LG's trademarked technology, which, when activated, removes bacteria from the fan's blades. HEPA filters, in particular, are desirable to have, as the [EPA](#) says that these components can remove 99.97% or more of airborne particles with a size of .3 microns, including dust, pollen, mold, and bacteria. Particles that are either larger or smaller than .3 microns are trapped with even greater efficiency, the agency says.

The touch controls are located on the top of the unit and, by using the remote, the air quality, temperature, air quality circulation, humidity, and operation information are displayed. The air purifier shows the overall air quality status, PM10 (fine dust), PM2.5 (ultra-fine dust), and PM1.0 (super ultra-fine dust) information. In addition, the display panel shows color-coded words – poor in red, unhealthy in orange, moderate in yellow, and good in green – to indicate the overall air quality.

Additionally, the LG AeroTower Air Purifying Fan boasts smart capabilities. After connecting to the LG ThinQ app, you can adjust settings and diagnose

any problems. And, although the air purifier is tall (44 inches), it doesn't take up much floor space since the device is only 10.4 inches in diameter, and the sleek design allows it to look good in any space.

Specs

List Price: \$549

Filter Type: Pre-filter, True HEPA filter, Carbon deodorization filter, UVnano LED

Coverage Area: 818 sq. ft.

Dimensions: 0.4 in. D x 10.4 in. W x 44.1 in. H

[Buy From Amazon »](#)

Best Budget

TruSens Small Air Purifier »



PROS:

- ✓ Bidirectional airflow
- ✓ Easy to carry
- ✓ UV-C light kills germs and bacteria on filter

CONS:

- ✗ Only three fan speeds
- ✗ Doesn't have smart capabilities

[Buy From Amazon](#)

[Buy From TruSens](#)

TruSens makes small, medium, and large air purifiers, and the small size costs well under \$100 and doesn't take up much space. The air purifier includes a HEPA-type filter, a carbon filter, and a UV-C light, which, when selected, kills any germs and bacteria on the filter. Although the air purifier is small and economically priced, it can filter everything from [smoke](#) and dust to [allergies](#) and [pet dander](#).

The bidirectional air flow sends air in two different directions to more effectively purify the air. The controls on the front are easy to operate. In addition to the power button, there are only two other buttons to press: speed and UV-C. There are three speeds: 1, 2, and turbo, and you can turn the UV-C function on or off as desired.

This lightweight air purifier is easy to transport and has a convenient handle. Given its price point and versatility, this TruSens model provides a significant bang for your buck.

Specs

List Price: \$79

Filter Type: True HEPA filter, carbon filter, UV-C light

Coverage Area: 250 sq. ft.

Dimensions: 10.83 in. D x 11.02 in. W x 21.46 in. H

[Buy From Amazon »](#)

Best for Pet Hair

Levoit Core P350 Air Purifier »



PROS:

- ✓ Three filters help capture pet hair, dander, and odors
- ✓ Great price
- ✓ Pet lock

CONS:

- ✗ Doesn't include a remote
- ✗ No handle

[Buy From Amazon](#)[Buy From Levoit](#)

The Levoit Core P350 Air Purifier is designed to be used by pet owners and includes a three-stage filtration process. The pre-filter is made of a fine non-woven fabric and it captures pet fur, hair, and lint. In the middle, there's the H13 True HEPA filter, which traps pollen, pet dander, fine dust, and also smoke particles. Notably, this device also has an activated carbon filter that

removes the smell of ammonia, litter boxes, and other pet odors. According to Levoit, the carbon filter contains 90 grams of carbon, which is up to 10 times more carbon than competitors.

The lightweight air purifier has a 360-degree intake so clean air goes in every direction. In a 219 square-foot-space, it can clean the air in 12 minutes. The touch controls on the top include the on/off button, three fan speeds, a filter indicator, and a timer. There’s also a pet lock button to keep pets (and kids) from changing the settings.

Specs

List Price:	\$130
Filter Type:	Prefilter, H13 True HEPA filter, carbon filter
Coverage Area:	219 sq. ft.
Clean Air Delivery Rate (CADR):	Smoke: 141; Dust: 140; Pollen: 145
EXPAND LIST ▾	

[Buy From Amazon](#) »

Best for Large Rooms

Alen BreatheSmart 75i Air Purifier »

**PROS:**

- ✓ Smart features
- ✓ Various filter types
- ✓ Swappable panels

CONS:

- ✗ Heavy
- ✗ Filters are pricey

[Buy From Amazon](#)[Buy From Alen](#)

Terri Williams, the writer of this piece, tested the Alen BreatheSmart 75i Air Purifier in her open-concept floor plan. The unit is designed to filter air in rooms of up to 1,300 square feet. Although her living room/kitchen area isn't quite that large, the air purifier quickly and effectively cleaned the air. Her favorite feature was the ability to choose the specific filter she wanted. Williams chose the Fresh filter, which is a medical-grade H13 HEPA filter with carbon. It absorbs both secondhand smoke and wildfire smoke, in addition to chemicals and volatile organic compounds (VOCs), allergens, dust, mold, and household odors.

The two other filter choices are the Pure filter, which is also a medical-grade H13 HEPA filter that traps dust, allergens, and molds; and the Odor filter, a medical-grade H13 HEPA air filter with an odor neutralizer that's good for

neutralizing pet, diaper, and other types of odors, while also trapping allergens like dust, mold, and pet dander. All of the filters include carbon to neutralize odors and a washable pre-filter. The BreatheSmart 75i is easy to operate and has easy-to-read controls on top. There are five speeds and an auto mode. The color rings on the power button signal the current air quality. The air purifier includes a built-in handle, though Williams still found it heavy to carry.

This model has replacement filters that cost well over \$100. However, they're thicker than any other filter Williams has used and last for 12 to 15 months. She had the BreatheSmart 75i for several years, and would never hesitate to purchase another one. The air purifier has an interesting feature: the choice of front panels. While Williams has the brushed stainless panel, the other colors include white, oak, weathered gray, espresso, and graphite. The unit boasts a high clean air delivery rate (CADR) of 347 across the board for smoke, dust, and pollen. CADR measures how effectively an air purifier can remove a specific pollutant – a higher score means that it can remove more particles.

Specs

List Price:

\$749

Filter Type:

H13 True HEPA, H13 True HEPA with carbon, H13 True HEPA with odor neutralizer, or H13 True HEPA with extra carbon

Coverage Area:

1,300 sq. ft.

Clean Air Delivery Rate (CADR):
Smoke:

347; Dust: 347; Pollen: 347

EXPAND LIST ▾

[Buy From Amazon »](#)

Best for Small Rooms

Clorox Medium Air Purifier »



PROS:

- ✓ Great value
- ✓ Lightweight
- ✓ Inexpensive filters

CONS:

- ✗ No handle
- ✗ Tiny air quality light

[Buy From Amazon](#)[Buy From Target](#)

The Clorox Medium Air Purifier is a good match for small rooms. The air purifier's stated coverage area is 1,000 square feet. However, it only cleans a room this size once an hour – and you don't want to wait that long to purify your air. In a room measuring 225 square feet, it cleans it up to five times an hour.

Clorox is known for its cleaning performance, and this air purifier continues the tradition. It uses three-stage True HEPA filtration, which includes a pre-filter, a True HEPA filter, and an active carbon filter. The touch controls on top are easy to read, and the PM2.5 digital display provides numerical air quality

data. In addition, there’s a color-coded light on the front of the machine to indicate when the air is good, moderate, or hazardous. (The author’s testing indicates that most air purifiers have a much larger light.) The air purifier can filter dust, smoke, and pet dander, and according to Clorox, it can also reduce viruses and bacteria in the air.

Specs

List Price: \$100

Filter Type: Pre-filter, True HEPA filter, active carbon filter

Coverage Area: 1,000 sq. ft.

Clean Air Delivery Rate (CADR): Smoke: 206; Dust: 219; Pollen: 232

EXPAND LIST ▾

[Buy From Amazon »](#)

Best for Baby Nurseries

Blueair DustMagnet 5410i Air Purifier »

**PROS:**

- ✓ DustMagnet technology captures dust before it settles
- ✓ App and voice-enabled
- ✓ Operates quietly thanks to HEPASilent filtration

CONS:

- ✗ Expensive
- ✗ Best used on floor

[Buy From Amazon](#)[Buy From Blueair](#)

When testing the Blueair DustMagnet Air Purifier, Williams, the author of this piece, was immediately impressed by the design. The dual filters (one at the top and one at the bottom) provide twice the level of filtering – which is desirable to have in a nursery. Both of the filter combo packs use the HEPASilent filtration process, which includes a pre-filter and a main filter (particle and carbon). Without making much noise at all (a perk for those who don't want to wake a sleeping baby), the filtration system removes dust, pollen, chemicals, and gasses from the air.

In fact, the DustMagnet technology traps dust before it can settle, which helps to keep the air in the nursery clean. Aside from its thorough filtration

process – and the fact that it’s quiet, which is important in a nursery – Williams chose this model because it’s a multifunctional air purifier. The Scandinavian design is not only aesthetically pleasing but also practical. It features a tabletop design, so busy parents can place items on top of it. (However, don’t risk placing baby bottles and other liquids on top, just in case they’re accidentally spilled.) In addition, this Blueair unit is smart, so it can be controlled remotely via an app, and it’s also compatible with voice assistants like Amazon Alexa and Google Assistant. Alternatively, there are touch icons on the air purifier for manual control.

Specs:

List Price:	\$391.25
Filter Type:	HEPASilent Combo filter (particle and carbon)
Coverage Area:	356 sq. ft.
Clean Air Delivery Rate (CADR):	Smoke: 230; Dust: 240; Pollen 255

EXPAND LIST ▾

[Buy From Amazon »](#)

Best with Smart Features

Coway Airmega Icon Air Purifier »

**PROS:**

- ✓ Built-in Qi phone charger
- ✓ Stylish design
- ✓ Compatible with WiFi and voice assistants

CONS:

- ✗ Heavy
- ✗ No handles

[Buy From Amazon](#)[Buy From Coway](#)

The Coway Airmega Icon stands out for its smart features. It even includes a Qi wireless charging station on top, allowing you to charge your phone. The top panel has enough space to access the controls without interfering with the charging process. In addition, the panel includes touch controls (that are invisible until touched) for the three speeds – along with smart and sleep speeds, a timer, off/on light, and an indicator that lets you know when it's time to replace the unit's filter.

The air purifier has soft lights under the panel that change colors to indicate the air quality: Good (teal), Moderate (green), Unhealthy (yellow), and Very Unhealthy (red). There's also a PM 2.5 indicator, which measures the amount of PM 2.5 particles (very small pollutants usually found in smoke) in the air. Thus, the lower the PM 2.5 number, the better the indoor air quality.

The filtration process includes a pre-filter and a combination GreenTrue HEPA and activated charcoal filter. Williams, the author of this piece, has this product in her home and it’s proven to be a conversation starter; everyone who visits stops to ask what it is (a few people have asked if it’s a speaker). The beautiful linen cloth design certainly makes it look like a piece of furniture. Fortunately, Williams finds it easy to clean the fabric with a vacuum brush attachment.

Specs

List Price:	\$649
Filter Type:	Pre-filter, Activated Carbon + Green True HEPA
Coverage Area:	649 sq. ft.
Clean Air Delivery Rate (CADR):	Smoke: 173; Dust: 194; Pollen: 235

EXPAND LIST ▾

[Buy From Amazon »](#)

The Bottom Line

The LG AeroTower Air Purifying Fan is our top pick for the best air purifier because we believe that it can work for most people. It has a pre-filter, a HEPA filter, and a carbon deodorization filter, along with UVnano LED technology to remove bacteria from the device. Easy controls, smart features, and the ability to also use it as a fan make this model an appealing choice. The best air purifier for you, however, might depend on your specific needs; every product on our list can be a worthy investment.

Things To Consider When Buying Air Purifiers

Air Cleaning Efficiency: Most air purifiers are bound to filter the air in your space eventually. However, you'll want one that can clean the air as quickly as possible. "When seeking the best air purifiers, prioritize those with a high Clean Air Delivery Rate (CADR) for efficient air purification," advises Brad Roberson, president of Aire Serv, a Neighborly company. "Ensure the size and coverage area align with your room dimensions."

Allen Rathey, director of the [Indoor Health Council](#), agrees. "The AHAM (Association of Home Appliance Manufacturers) Clean Air Delivery Rate is a good metric to determine a particle purifier's effectiveness based on the size and type of the space," Rathey says.

[AHAM](#) recommends using the 2/3 rule: the CADR of your air purifier should be equivalent to a minimum of two-thirds of the area. The AHAM website provides an example: if the room's dimensions are 10 feet by 12 feet, the area is 120 square feet – and the smoke CADR should be at least 80. The higher the CADR, the faster and more often the room will be cleaned. The CADR is supplied by the manufacturer; however, not all air purifier manufacturers include CADR information. Some only provide the coverage area in square feet.

Room Size: "All air purifiers have a recommended space capacity, and this information should always be checked before purchasing an air purifier," says Michael Rubino, a mold and air quality expert and the founder of HomeCleanse. "You won't get the filtering benefits if the room is larger than the machine can handle properly."

Rubino also recommends a whole-home purification system. "These units are installed at the home's entry point, helping circulate filtered air throughout the building," he explains. "They also add a layer of protection for the HVAC system by filtering out small particles before they get to it, avoiding potential problems like microbial growth."

Filtration System: Roberson recommends air purifiers that include a variety of filters, including HEPA filters for particulate matter and activated carbon for odors. "One of

the top qualities an air purifier should have is eliminating dust and removing *the smallest particles possible*, such as mold spores,” explains Roberson. “A high-performing air purifier should, at a minimum, attain HEPA status, eradicating 99.97% of particles as tiny as 0.3 microns.” And, if it can remove smaller particles and contaminants like gas, he says that’s even better.

Noise Level: Air purifiers can be noisy, and Roberson recommends opting for a machine with a low decibel rating for quiet operation. Keep in mind that the noise level tends to increase when you increase the fan’s speed. So, an air purifier that is relatively quiet on the first fan speed could get louder on the second fan speed, and you might not be able to hear your TV when it’s on the highest fan speed. Some companies provide noise levels in a range, for instance, 18-46 decibels (dB). This means the noise level is 18 dB on the lowest setting and 46 dB on the highest setting.

Additional Features: Some air purifiers have smart features so you can control them via your smartphone. With some models, voice control can be used to turn them on or off, change speeds, etc. Other features include timers and child locks, as well as UV lights and ionizers.

“Units equipped with UV-C light can kill bacteria and viruses, but end-result claims (“will make your home healthier”) should be taken with a grain of salt as germs are spread through many avenues, and there is no silver bullet,” says Rathey.

“Ionizers charge ions, which attach to airborne particles, making them settle out of the air or stick to oppositely charged surfaces, but again, claims can lead to a false sense of security as indoor air pollution is a complex subject,” Rathey says. He adds that some ionizers produce ozone at levels that could be harmful to some people.

How We Chose the Best Air Purifiers

We took several factors into consideration when gathering our recommendations for the best air purifiers. Our writer, Terri Williams, has tested dozens of air purifiers, including many on this list. We also consulted with indoor air experts Michael Rubino, a mold and air quality expert and founder of [HomeCleanse](#); Brad Roberson,

president of [Aire Serv](#), an HVAC company; and Allen Rathey, director of the [Indoor Health Council](#), to get advice on the important features to consider.

WHY SHOULD YOU TRUST US?

[Terri Williams](#) is a freelance journalist with extensive experience writing product reviews. She has tested hundreds of products, including vacuum cleaners, TVs, audio equipment, headphones, computer monitors, webcams, air purifiers, bedding, and more. Williams has bylines in Forbes, Architectural Digest, Popular Science, CNN Underscored, NBC News, and USA Today Reviewed. Additionally, she has contributed to TechRadar, Tom's Guide, and Popular Mechanics.

FAQ

How do air purifiers work?



What is a HEPA filter?



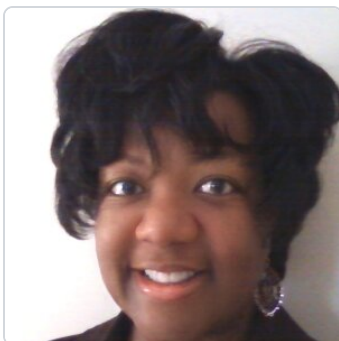
How often should you change an air purifier's filter?



What's the best place to put an air purifier?



About Our Team



Terri Williams

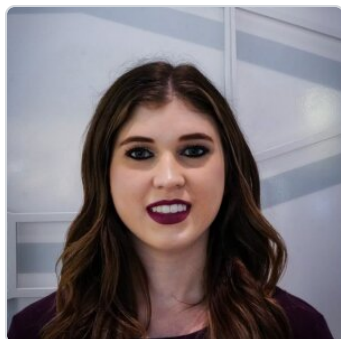
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Terri Williams is a freelance journalist with extensive experience writing product reviews. She has tested hundreds of products, including vacuum cleaners, TVs, audio equipment, computer monitors, air purifiers, bedding, and more. Williams

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