



Buyer's Guide: Understanding Air Purifiers



Whether for your classrooms, home, business, medical office, etc. Every space can benefit from the right air purifier. To help you find the right unit, we've curated the following list of key features to help you choose the right fit for your facility:

1. Budget

Medify Air offers a variety of air purifiers with varying coverage areas and pricing options. Many organizations are also eligible for discounts or funding through federal, state, and local government. Medify Air is knowledgeable about these various government funded discounts and can work with you through the entire process. We also offer discounts for bulk orders.

2. Coverage Area

One way to judge an air purifier's coverage is a unit of measure called "air changes per hour" (ACH). This measures how many times the air in a room can be cycled through the air purifier. The [CDC recommends five air changes per hour](#). It is important to be diligent when purchasing an air purifier, as many providers advertise their maximum coverage area (in sq. ft.) that only provides 1 ACH. The coverage area of an air purifier is determined by its Clean Air Delivery Rate, typically measured in CFM (Cubic Feet per Minute).

3. Clean Air Delivery Rate (CADR)

The CADR of an air purifier, that describes the rate at which air flows through the machine and filter, is typically measured by Cubic Feet per Minute (CFM). For example, if a purifier had a CADR of 300 CFM, it means the air purifier passes 300 cubic feet of air

through the unit's filter every minute. The higher the CFM, the higher the coverage area. Air purifiers with lower quality filters typically have higher CFM, as the lower density of these particulate filters allows for easier air flow. So it is important to not only consider the CFM, but also the filter quality. Thankfully, all Medify Air units use True HEPA H13 or H14 filters and Activated Carbon Filters.

4. True HEPA H13 Filters

Medify Air's units utilize True HEPA H13 filters to remove 99.9% of particles down to 0.1 micron.

"HEPA filters are designed to capture and trap microscopic particles that can adversely affect our health, such as dust, pollen, pet dander, mold spores, and even bacteria and viruses carried by aerosols. These filters work by utilizing a dense network of fibers, trapping particles of 0.3 microns size with an impressive efficiency rate of 99.97%. Smaller particles in the air run into and stick to the fibers and are removed as well. By removing these pollutants from the air, HEPA filters significantly reduce the risk of respiratory problems and allergies."

- [World Health Network](#)



There are varying type of HEPA filtration. It is important to look for “True HEPA” when purchasing an air purifier, as this standard is [recommended by the CDC](#).

5. Maintenance

Air purifiers don’t often require maintenance. However, you do have to replace the filters. Medify Air’s all-in-one pre-filter, True HEPA H13 filter, and activated carbon filters need to be replaced every 4-6 months, depending on the usage rate. All of Medify Air’s units have an indicator light letting the user know it’s time to replace the filter. No vacuuming or tools required, as you might see with other leading brands.

6. Convenience

Convenience. All Medify Air air purifiers come with added features to improve their convenience and effectiveness. They include (some features vary by model):

- Multiple fan speed settings
- Filter replacement lights
- Timers
- Handles or wheels for mobility
- Child Lock

At Medify, we offer air purifiers in a variety sizes and prices — all with HEPA H13 or H14 filters to ensure superior indoor air quality in your spaces. Use the above guidelines to help determine which models are best fit for your spaces and needs! If you have any questions, or would like to learn more, please reach out to info@medifyair.com or call 754-223-1305.



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