

MedifyAir Purifiers/HEPA Filters Messaging for Pediatric Partnerships

Greetings!

In order to help prevent the spread of airborne diseases in Philadelphia schools, the Philadelphia Department of Public Health (PDPH) will begin offering MedifyAir air purifiers at no cost to your site. **Using a high-grade HEPA (high-efficiency particulate air) filter in an air purifier can help reduce absenteeism by reducing the burden of respiratory viruses.**

The Centers for Disease Control recommends the use of an air purifier to increase safety in the classroom. An air purifier draws air into the unit, then forces that air through different layers of filter before returning the air to the room. These air purifiers have HEPA H13 filters, which are rated to remove 99.9% of airborne particles.

Product manuals for the two models PDPH will be providing (**MA-50 and MA-112**), can be found at <https://medifyair.com/pages/product-manuals>.

The MA-50 and the MA-112 can add an additional 1.5 to 3 air changes per hour (ACH) to the existing ventilation system of the building, providing more fresh air and faster removal of potentially infectious particles than with standard ventilation alone. The actual ACH added will depend on the size of the room.

Upon receipt, this air purifier will belong to your organization. PDPH will not be responsible for replacing filters, other parts or for anything that may break related to these units.

[FAQ]

What is an air purifier?

An air purifier is a device that removes airborne contaminants in a room to improve air quality.

What is a HEPA filter?

HEPA is a type of pleated mechanical air filter. It is an acronym for "high-efficiency particulate air [filter]" (as officially defined by the U.S. Dept. of Energy). This type of air filter can theoretically remove at least 99.97% of dust, pollen, mold, bacteria, and any airborne particles with a size of 0.3 microns (μm). *Source: epa.gov, [What is a HEPA filter?](#)

How does it work?

An air purifier is essentially a motor with a fan that draws particle-rich, unfiltered air in a room into the unit and forces that air through different layers of the filter. The purified air is then returned to the room repeating this cycle over and over to effectively improve air quality.

MedifyAir air purifiers use a three-layer system to catch and remove allergens, pet dander, and more; and are tested to remove 99.9% of particles down to 0.1 microns.

How do I receive air purifier(s) and HEPA filters for my school?

Depending on how many air purifiers your site qualifies for and your site's needs, your air purifier(s) along with replacement HEPA filter(s) will either be delivered directly to your site or made available for pick-up at our warehouse located at 700 Packer Ave, Philadelphia, PA 19148.

Please contact the Pediatric Partnerships Team at covid.schools@phila.gov to request air purifiers and HEPA filters for your site.