

Purchasing air purifiers as part of your indoor air quality improvement plan?

Here's how our new [Portable True HEPA Air Purifier](#) compares:

| Feature/Function | Copernicus model | Others on the market |
|--|--|--|
| CADR Clean air delivery rate | Our air purifier is the right capacity and clean air delivery rate for classrooms with a CADR of 365 CFM (every minute, 365 cubic feet of air is purified). | Undersized home-use units are not suitable for schools. Large industrial units are too large and loud for classrooms. |
| ACH Air changes per hour This is a function of the CADR and there are many factors that affect the ACH such as the size of the room, HVAC ventilation as well as windows and doors that can be opened. | In an average 750 sq ft classroom, our unit filters all of the air 5.2 times per hour. This is a high rating compared to other units available. | Depending on model and variables, you may need 3-5 competitor units to reach the adequate ACH. |
| True HEPA High Efficiency Particulate Air | ✓ Lab tested for efficacy. We use True HEPA filters that capture at least 99.97% of very small particles measuring 0.3 microns (like viruses). | Depends on model. If you see a Minimum Efficiency Reporting Value (MERV) rating on a filter without the words True HEPA, they are probably not referring to True HEPA filters. MERV is a broad reporting value. |
| Ozone | Our unit does not use ozone to clean the air. The United States Environmental Protection Agency (EPA) does not recommend units that use ozone to clean the air. | Caution: Some units tout the effectiveness of ozone but ozone does not react with all particles and can irritate lungs. |
| Ionizing | Our unit does not use ionizing to clean the air. The United States Environmental Protection Agency (EPA) does not recommend units that use ionizing to clean the air. | Caution: Some units tout the effectiveness of ionizing, but ionizing charges particles so they attach to nearby surfaces (which then need to be cleaned), versus removing them from the environment entirely. |
| UV-C light | Our unit does not use UV-C light to clean the air. The suspect particles are not exposed to the UV-C light long enough for that feature to be effective. We feel it is unnecessary and drives up the cost. | Caution: Some units tout the effectiveness of UV-C light to clean the air particles, but the air does not sit inside an air purifier long enough to be disinfected by UV-C light. |
| Safe and Certified | ✓ Our unit is certified safe. ETL listed to a UL 507 Standard. | Many units on the market do not have their electrical components certified for safety. |
| Variable fan speeds | ✓ Four fan speeds to adjust to space and reduce sound when needed. | Depends on model. |
| Child safety lock | ✓ Prevents students from turning it on or off or adjusting the fan speed. | Depends on model. |



For further details, visit our website or contact Customer Service.
www.copernicused.com
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