



## Sanitizing Air Purifiers

Education

### Crisis In Our Schools: Sickness And Indoor Air Quality

There’s a crisis brewing in our nation’s schools and universities, created by contaminated, recirculated air that impacts the health and well-being of occupants. Indeed, indoor air is two to five times more polluted than outdoor air—and can be 100 times more polluted.<sup>1</sup> Since people spend upwards of 90 percent of their time indoors, the risks are high.

Among school-age children, the risks may be even greater. According to the CDC, one in 12 children suffer from asthma, with 50 percent of those afflicted suffering an asthma attack. What’s more, asthma is the leading chronic illness among school-aged children.<sup>2</sup> The key to reducing asthma triggers—the leading cause of school absenteeism and attendance issues—is cleaner, healthier air.

1. <https://www.epa.gov/iaq-schools/why-indoor-air-quality-important-schools>
2. <https://www.cdc.gov/vitalsigns/childhood-asthma/index>
3. <https://www.epa.gov/iaq-schools/framework-effective-school-iaq-management>
4. U.S. EPA. 2017.
5. The Department of Experimental Medicine, University of Genoa, Italy

Indoor air in schools contains:	Viruses, Germs, Bacteria, Mold, Dust, VOCs, Radon, PCBs, Pesticides <sup>3</sup>
Indoor contaminants can affect school attendees with:	Allergies, chemical sensitivities, suppressed immune systems, contact lenses, respiratory diseases
One Texas school district found that improving attendance rates by one day generated <b>\$267,552 in revenue per year.</b> <sup>4</sup>	

## How We Can Help

Our Aurabeat 3800 Large Capacity Sanitizing Air Purifier has Medical Grade filtration (H13) designed specifically to address the challenges of indoor air pollution in schools. Aurabeat air purifiers have been installed in over 25,000 classrooms in North America.

Trusted by Medical Professionals- Aurabeat technology is deployed in schools, hospitals, and COVID-19 test labs in countries worldwide providing maximum protection for frontline healthcare and service workers in direct response to the global pandemic.

Advanced proprietary filtration technology captures 99.9% of airborne contaminants down to 0.075 micrometer. In fact, the Aurabeat 3800 is proven to eliminate 99.999% of airborne SARS- CoV-2 (the virus that causes COVID-19) through 6 stages of sanitizing technology. Also, the unit is UL 2998 approved for zero ozone production and ideal for a variety of classrooms and other settings; featuring rolling casters to go where and when needed.<sup>5</sup>



# Comparing Our Solutions: Air purification for every space

We offer two air purification solutions designed to help educators create healthier indoor environments for students, staff, faculty and visitors alike. While both are superior at filtering contaminants from indoor air, the size of the units may dictate the best placement.



Machine Specifications	AIR-ASP-X1	AIR-ROOMCLEAN-BRONDELL
Application / room suggestions	lecture hall, library, administration offices, laboratory, gym or large weight room, cafeteria	classrooms, school nurse's office, isolation room, small locker area, staff lunch/break room
CFM	517	221
Size	20.9 x 13.0 x 35.4	15.4 x 8.3 x 24.7
Weight (lbs)	57.3	19.4
Min (dB(A))	≤30	35
Max (dB(A))	≤60	58
UL #2998	✓	✓
CARB Approved	✓	✓
Filtration Stages	6	5
Dual-Sided Filtration	✓	
Pre-Filter	✓	✓
HEPA Grade	H13 (Medical Grade)	H12
VOC/Gases Filter	Active Granulated Carbon	Nanocrystalline
UV	✓	✓
PCO - Photocatalytic Oxydation	✓	
Plasma Ionization	✓	✓
PM2.5 Sensor	✓	✓
Humidity/Temperature Sensors	✓	
Air Quality Indicator	✓	✓
Auto Mode	✓	✓
Timer	✓	✓
Child Lock	✓	✓
Sleep Mode	✓	✓
Filter Replacement Reminder	✓	✓
WIFI/Programmable APP	✓	
Remote	✓	
Castors	✓	