



HALO P

Educational Facilities Air Purifier

The scientifically validated solution to addressing CDC guidelines for improving facility ventilation and increasing safety.

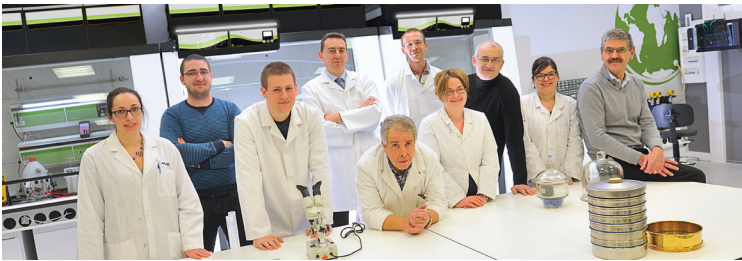
- Full student and staff protection from airborne contaminants
- Independent and self sustainable, no HVAC required
- Ceiling mounted for optimal efficiency and load concentration reductions.
- Energy efficient (50W) output
- Validated performance
- SMART remote management with SMART light technology
- Improved ventilation and room mixing with predictable air flow patterns
- Up-to 4 air change rates (ACH) per class room



AIR PURIFICATION SYSTEM FOR VIRUSES, BACTERIA, ALLERGENS, AND MOLD WITH PROVEN RESULTS.



Over 50 years of air filtration expertise for the protection of laboratory personnel.... Now available to commercial spaces for indoor air quality (IAQ) improvements



Erlab was created in France in 1968 and pioneered the development of filtering fume hoods for chemistry laboratories, filtering the chemicals handled inside by the chemists and recirculating clean air back into the lab. In more than 50 years, its R&D laboratories have acquired a unique expertise in filtering chemicals which sustains Erlab as the world

leader in filtered fume hoods, with over 150,000 systems for laboratories sold on the 5 continents.

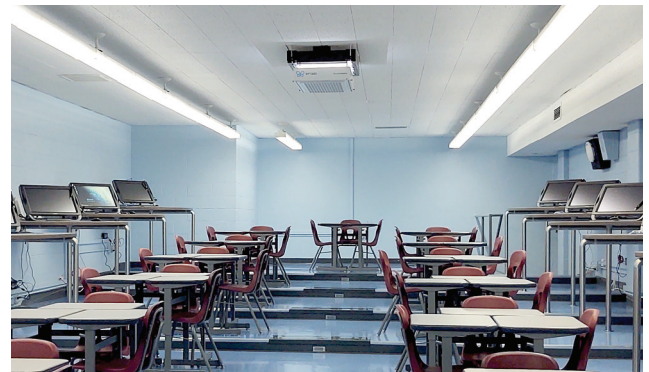
Educational facilities: where the contamination risk is among the highest

Educational facilities including classrooms, reception, waiting areas, nurses rooms, cafeterias, gymnasiums, and locker areas, are at a high contamination risk for the staff and students, as they all inhale the room air which can easily be contaminated, increasing the chances of infection rates.

COVID-19, and other viruses, are emitted and transferred by infected people when coughing, sneezing, and talking. Coughing and sneezing emit visible droplets carrying the virus which fall to the ground between 1 and 2 meters away. Talking emits aerosolized particulates which are not visible and much smaller than droplets. The more particles, the greater the concentration, increasing the risk of infection significantly. If current ventilation does not provide adequate air changes, room mixing and filtration then infections can occur just by occupying space where another infected person is or was. The key is to reduce concentration loads in a [laminar flow](#) manner to ensure proper directionality of contamination away from the breathing zone.

From laboratory safety to school building safety

Based on the principle of the HALO C launched successfully to the world market 10 years ago to filter the air of chemistry and biology laboratories, Erlab has developed a specific version for both laboratory and commercial spaces. The new HALO P was designed to permanently purify the air in schools, hospitals, medical centers, restaurants, and nursing homes to name a few, with no intrusive, HVAC impact. Installed in the ceiling, HALO allows for quick installation away from accidental tampering along with freeing up floor space.



How HALO P prevents contamination from COVID-19 in educational facilities

The HALO P is equipped with a laboratory grade HEPA H14 or an ULPA U16 01 Qm. The performances of those filters comply with the EN 1822:1998 Standard. All viruses (including the SARS-COV-2), bacteria, allergens, dust, mold, etc. are retained efficiently in a [HALO P with proven efficacy](#) and load concentration reductions of greater than 80%. It is fixed in the middle of the room ceiling preventing everyone who enters the school classrooms and building from being contaminated and bringing sickness to the community.

For more information visit www.iaq.erlab.com, 1-800-964-4434, Email: info@erlab.com