



Captures the Airborne Flu Virus

The AeraMax Professional Air Purifier was demonstrated to be effective in reducing airborne concentrations of influenza A aerosol in a test chamber, reaching 100% airborne virus reduction within the first 35 min of operation.

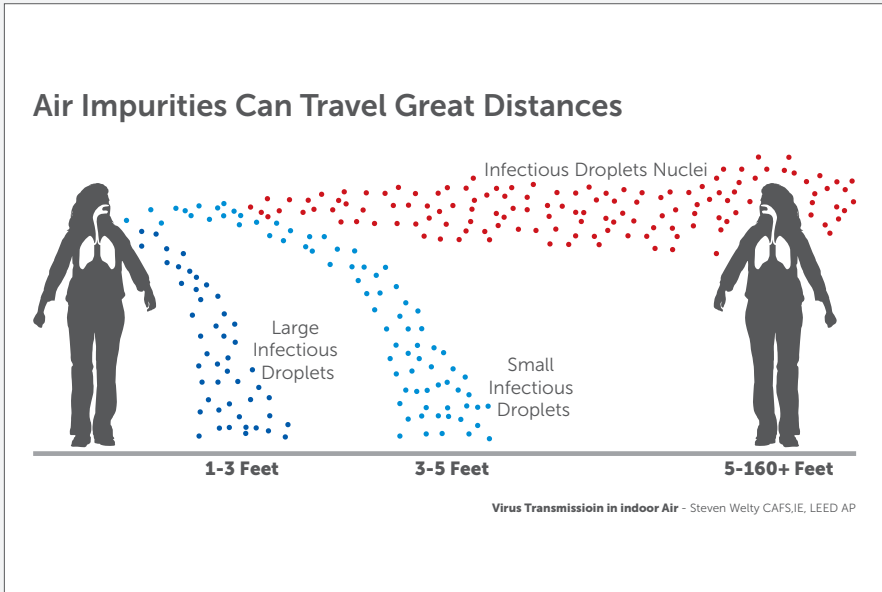
**Independent Laboratory Influenza Study – March 2015*

Most experts think that flu viruses are spread mainly by droplets made when people with flu cough, sneeze or talk. These droplets can land in the mouths or noses of people who are nearby or possibly be inhaled into the lungs.



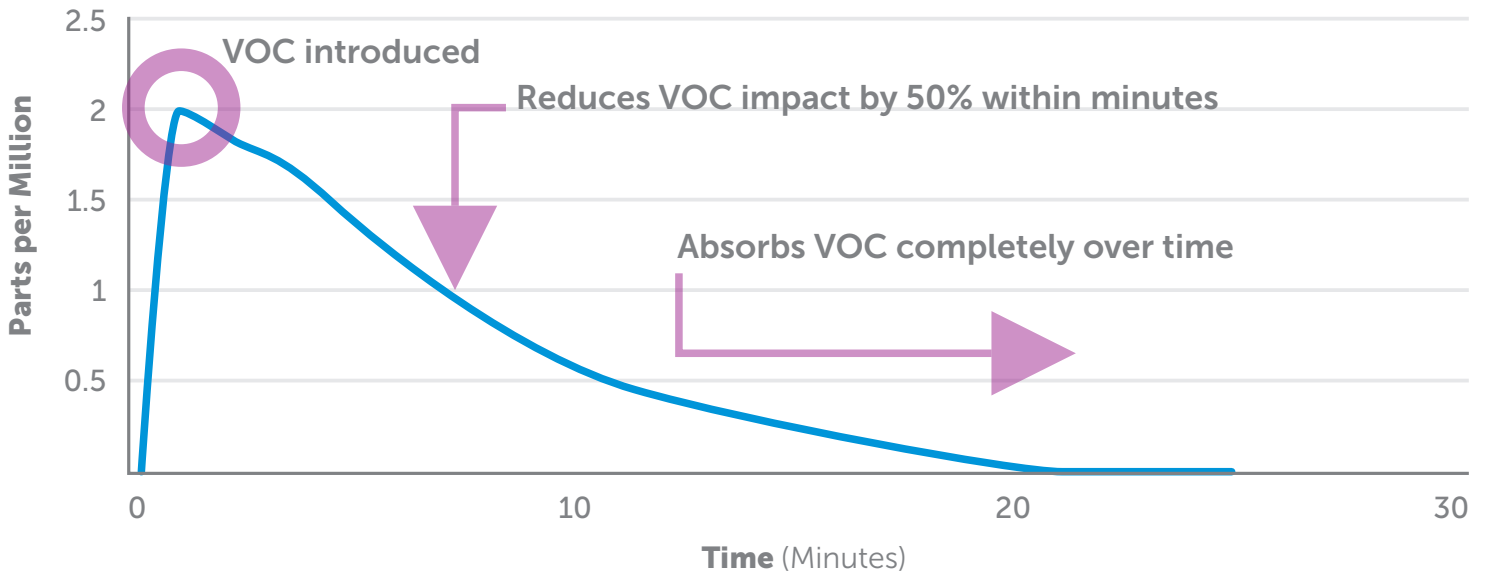
<http://www.cdc.gov/flu/about/disease/spread.htm>

AeraMax Professional's hospital-type filtration includes True HEPA filters that capture 99.97% of airborne particles as small as 0.3microns.





AeraMax[®] Professional Effectively Reduces Odor



Unit: AeraMax PRO III with 2" Carbon Filter | VOC: Body spray, single introduction | Speed: Five air exchanges per hour



AeraMax Professional's hospital-type filtration includes True HEPA and carbon filters that capture 99.97% of airborne particles* and adsorbs odors in common areas such as:

- Bathroom odors
- Tobacco smoke
- Cleaning products
- Body odors
- Perfumes
- Paints
- Varnish fumes
- Kitchen odors
- Popcorn
- Mold
- Pet odors
- Stale odors
- Gasoline
- Solvents
- Waste products

*as small as 0.3microns



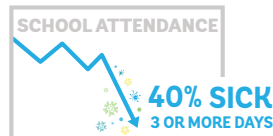
CLEAN THE AIR TO SETUP STUDENTS FOR SUCCESS

According to the EPA, indoor air pollution is a problem in at least half of our nation's schools.

Poor **INDOOR AIR QUALITY (IAQ)** affects your students' health and comfort:

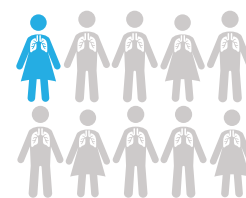
- » Concentration and productivity of uncomfortable, unhealthy students suffer.
- » Students with asthma or allergies are particularly sensitive to indoor air pollutants, resulting in increased or more severe reactions and episodes.
- » Sickness and absenteeism rise.

Of all public school students age 5-17
40% ARE ABSENT 3 OR MORE DAYS OF SCHOOL.



Allergies are estimated to impact up to **40% OF CHILDREN.**

Schools inherently **FOSTER DISEASE TRANSMISSION** from person to person because they are in a group setting in close contact.



1 IN 10 STUDENTS HAVE ASTHMA.

Centers for Disease Control – Adolescent and School Health,
CDC FastStats
American College of Allergy, Asthma & Immunology
National Institutes of Health



CLEAN AIR, CLEANER SCHOOLS



Protect Against Cold & Flu

Students are more likely to contract the flu from the air. AeraMax Professional captures airborne germs and viruses to help protect students from getting sick and becoming absent.

Complete Germ Protection

Complement existing hand sanitization, hand washing programs and daily surface cleaning and with air cleaning to removes the harmful viruses and germs that students and staff inhale.

Improved Concentration & Performance

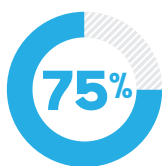
Improved indoor air quality increases productivity and improves mental tasks such as concentration and recall in both adults and children.

Reduce Allergy & Asthma Triggers

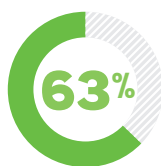
AeraMax Professional is certified **asthma & allergy friendly™** by the Asthma Society of Canada.



How likely would having an air purifier give you the following impressions?



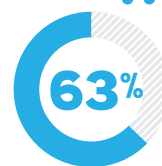
Would be **CLEANER**



Would be **SAFER**



Would show **CARE & CONCERN**



Would be **PREFERRED** Facility

STRONG POSITIVE IMPRESSION

Of day care users surveyed, 92% look for signs of good cleaning practices when selecting a facility. Air purifiers create a strong, positive impression.

Source: AeraMax Pro Omnibus Survey, July 2015, Urgent care facility users (n=84)

Environmental Protection Agency: Student Health and Academic Performance, November 2012
Silverstein, M.D., J.E. Mair, et al. 2001. "School attendance and school performance: A population-based study of children with asthma." Journal of Pediatrics 139(2):278-283. 5 Moonie, S., D.A. Sterling, et al. 2008. "The relationship between school absence, academic performance, and asthma status." Journal of School Health 78:140-148



CLEAN THE AIR TO PROTECT YOUR PATIENTS

Studies have shown that nearly 700,000 medical visits in the U.S. result from infections picked up in waiting rooms.

Beyond the threat of infection from airborne germs and viruses, patients in medical and healthcare facilities can be seriously impacted by cleaning products that emit Volatile Organic Compounds (VOCs).

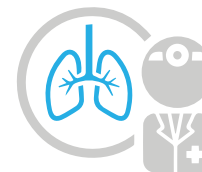
Patients come to healthcare facilities to get better, not worse. Isn't it time we cleaned the air?



700,000 MEDICAL VISITS

in the U.S. are a **RESULT OF HEALTHCARE ASSOCIATED INFECTIONS** picked up in waiting rooms and other public areas.

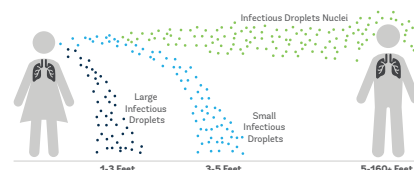
#1 REASON for doctor visits is **RESPIRATORY ILLNESS** (flu, cold, asthma, etc.)



WAITING ROOMS inherently **FOSTER DISEASE TRANSMISSION** from person to person because they are in a group setting in close contact.



CDC suggests that most flu viruses are spread mainly by droplets made when people with the flu cough, sneeze or talk and **AIR IMPURITIES CAN TRAVEL GREAT DISTANCES.**



"Virus Transmission in Indoor Air", Steven Welty CAFS, CIE, LEED AP, <http://www.cdc.gov/nchs/fastats/physician-visits.htm>



CLEAN AIR, CLEANER HEALTHCARE FACILITY

Protect Against Cold & Flu

Waiting rooms inherently foster disease transmission from person to person because they are in a group setting in close contact. Removing the Influenza Virus & Rhinovirus from the air can protect patients from HAIs.

Complete Germ Protection

Complement existing hand sanitization and daily surface cleaning with air cleaning to remove the harmful viruses and germs that patients and staff inhale.

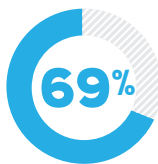
Supports Sustainability

AeraMax Professional removes harmful airborne contaminants from the air without the use of harsh chemicals, solutions or toxins. Smart technology minimizes electricity consumption and extends filter life.

Drive Customer Preference

Air purification is a visible cue of a superior cleaning regimen, shows care for patrons and creates preference for the facility.

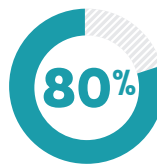
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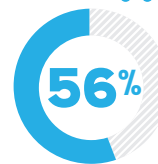
Would be **CLEANER**



Would be **SAFER**



Would show **CARE & CONCERN**



Would be **PREFERRED** Facility

STRONG POSITIVE IMPRESSION

Of urgent care facility users surveyed, 94% look for signs of good cleaning practices when selecting a facility. Air purifiers create a strong, positive impression.

Source: AeraMax Pro Omnibus Survey, July 2015, Urgent care facility users (n=84)

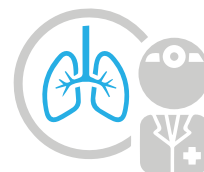


CLEAN THE AIR TO PROTECT YOUR RESIDENTS

While we don't usually give much thought to indoor air quality, we should. The air we breathe indoors is up to five times more polluted than outdoor air.

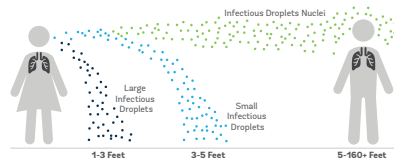
Shared spaces, like assisted living facilities are breeding grounds for bacteria, viruses, dust and allergens, and harsh chemicals and odors. Crowded common areas can increase risk of cross-contamination among residents.

The CDC suggests that **FLU VIRUSES ARE SPREAD** mainly by droplets made when people cough, sneeze or talk.



PEOPLE 65 YEARS AND OLDER are at greater risk of serious complications from the flu.

CDC suggests that most flu viruses are spread mainly by droplets made when people with the flu cough, sneeze or talk and **AIR IMPURITIES CAN TRAVEL GREAT DISTANCES.**



PEOPLE AGE 65 - 74 are more likely to report they have Chronic obstructive pulmonary disease (COPD). **COPD** has surpassed stroke as the third leading cause of death in the US with major risk factors being indoor air pollutants and allergens.

"Virus Transmission in Indoor Air", Steven Welly CAFS, CIE, LEED AP, <http://www.cdc.gov/nchs/fastats/physician-visits.htm>



CLEAN AIR, CLEANER ASSISTED LIVING FACILITY

Protect Against Cold & Flu

Shared spaces inherently foster disease transmission from person to person because they are in a group setting in close contact. Removing the Influenza virus & Rhinovirus from the air can protect patients.

Complete Germ Protection

Complement hand sanitation and daily surface cleaning with air cleaning to remove the harmful viruses and germs that patients and staff inhale.

Captures 99.9% of Airborne Contaminants*

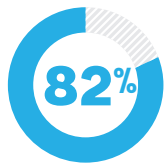
True HEPA filters capture allergens, tobacco smoke and other pollutants that can trigger or worsen Chronic Lower Respiratory Disease.

*True HEPA filters capture 99.9% of airborne contaminants as small as 0.3 microns

Drive Customer Preference

Air purification is a visible cue of a superior cleaning regimen, shows care for patrons and creates a preference for the facility.

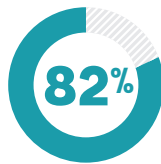
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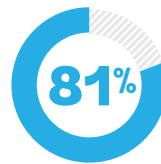
CLEANER
Facility



SAFER
Facility



Shows
CARE & CONCERN



My
PREFERRED
Facility

STRONG POSITIVE IMPRESSION

Of assisted living facility decision makers surveyed, cleanliness ranks #2 in importance—even above price. Air purifiers create a strong, positive impression.

Source: AeraMax Pro Omnibus Survey, July 2015, Assisted living facility decision makers (n=83)



CASE STUDY



LEGOLAND® Discovery Center
Schaumburg, IL

See how AeraMax® Professional helped provide a cleaner place for kids to play.



THE CHALLENGE

“I take pride in my facility and I don’t like to hear any complaints. Odor is one of the more common ones that you have the least amount of control over.”

Leslie Lehman
Facility Manager,
LEGOLAND Discovery Center
Schaumburg, IL

The LEGOLAND Discovery Center in Schaumburg, IL, might see thousands of visitors on its busiest days. For a kid-centric space, that equals a lot of diaper changes and messy trips to the washrooms.

The center’s facility manager, Leslie Lehman, struggled to keep unpleasant odors under control in LEGOLAND’s four public bathrooms. She quickly realized **perfume-laden air fresheners were nothing more than a quick fix and had no lasting results.**

General facility and bathroom cleanliness are two of Lehman’s most important key performance indicators at the Discovery Center, because her goal is zero complaints from customers. She works tirelessly to make the LEGOLAND experience as fun as possible for kids and adults alike.

Lehman knew masking odors wouldn’t do the job. **For a truly clean facility, she had to purify the air.**



SEE THE SOLUTION AND
EXCITING RESULTS!

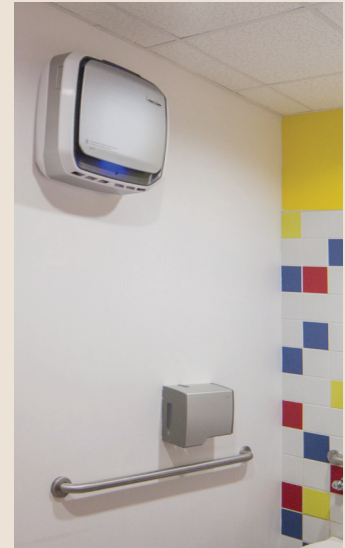


THE SOLUTION

Lehman needed a comprehensive solution not only for bathroom odors, but also for the airborne germs that accompany them. She targeted LEGOLAND's problem areas by installing an AeraMax Professional air purifier in each of the facility's public restrooms.

"With this many kids, there are a lot of issues with bacteria and viruses floating around. So it's nice to make a difference on that front – to cut down on airborne pathogens in the washrooms," Lehman said.

Lehman wanted to address the Center's two main bathrooms first. After installing the large AeraMax Professional models – which **clean spaces up to 1400 square feet** – the LEGOLAND staff told Lehman that the coalescing smells of urine and perfume that plagued the men's room had disappeared. She also installed smaller AeraMax Professional units, which **clean up to 700 square feet** in the facility's family bathrooms.



THE RESULTS

For years, facility managers have looked for ways to eliminate undesirable odors in public restrooms. Their tools have been limited and, in some cases, harmful. For example, excessive use of cleaners causes a new problem because these products can add toxic chemicals to the environment and be a detriment to indoor air quality.

By taking 99.9 percent of contaminants out of the air, the AeraMax Professional addresses both of these issues.

"In the past, there were only so many things you could do, such as masking the odor with perfumes or air fresheners. So it's nice to be able to do something specifically to tackle that problem in washrooms," Lehman said.

Lehman also noted that the AeraMax Professional units **require little maintenance** and are **saving her money in the long run**. She's even recommended that LEGOLAND install units in its other facilities across the country.



"Definitely do it. Getting rid of the odor altogether makes for a more pleasant experience and you don't have to do anything once they're installed. I wouldn't hesitate to install these in another facility."

— Leslie Lehman

Facility Manager,
LEGOLAND Discovery
Center, Schaumburg, IL

READY FOR CLEANER AIR IN YOUR FACILITIES?

Find out how AeraMax Professional can help today! aeramaxpro.com



CASE STUDY >

Hinsdale Middle School
Hinsdale, IL

See how AeraMax® Professional helped provide a cleaner learning environment.



THE CHALLENGE

Architectural changes at Hinsdale Middle School caused some areas to have indoor air quality (IAQ) issues, such as undesirable odors.

Nothing gets a principal's attention quite like a parent or teacher complaint. If it's a **health-related concern tied to air quality**, the facility manager is also on the hot seat.

That's where Mike Vilendrer, Director of Operations at Community Consolidated School District 181, found himself after a teacher and a parent voiced concerns about air quality issues in separate classrooms.

The school building is in excellent condition and Vilendrer and his team strictly adhere to the state's green cleaning codes. However, architectural changes at the school over the years caused some areas to have indoor air quality (IAQ) issues, such as undesirable odors.

Facility Coordinator Mike Vilendrer's IAQ To-Do List:

- **Science lab:** A student with **sensitive allergies** had persistent health problems because of suspected IAQ issues in a science room where the student spent several hours of each day. The child's parent asked that a HEPA filter purification system be installed in the room to remove allergens.
- **Art room:** Art supplies were sending **lots of dust and other particles into the air**, which created an uncomfortable environment and could cause symptoms that affect concentration and focus.
- **Classroom:** A teacher reached out to the principal about **consistent problems with the air quality** in her classroom.

THE SOLUTION

Vilendrer quickly realized that the HVAC system for the 108,000-square-foot school – no matter how well designed – was not equipped to handle the IAQ problems he faced. “We definitely can’t get a detailed level of control in each room because it’s such a big system,” Vilendrer said.

Instead, he installed **four AeraMax® Professional commercial-grade air purifiers** – three for the main problem locations, and one in the band room. This allowed the school to make indoor air quality a top priority where it was needed most.

“As far as the operational side, they’re quiet as can be and don’t impact teaching at all,” he said. “Believe me, if they did, I’d hear about it. We hear about the HVAC noise, the volume of air blowing on people, and those type of routine complaints. We haven’t heard a thing about the AeraMax Professional. People even ask if they’re on.”



What made AeraMax Professional the best targeted air purification approach for Hinsdale Middle School?

- The units are designed to turn on and off on their own
- They remain quiet in public buildings such as schools and don’t disrupt teaching

THE RESULTS

Eight months after installing the AeraMax Professional units – almost the entire school year – the difference was clear.

“The issues we were having completely went away,” he said.

More remarkably, the art teacher told Vilendrer that there had been a **noticeable drop in absences** compared with past school years.

Vilendrer continues to look for more opportunities to address IAQ issues with AeraMax Professional. His goal is to mitigate complaints while simultaneously providing **healthier and cleaner learning environments for students and teachers.**



“It’s a nice tool to use to improve the environment, especially for specific problem areas.”



- Mike Vilendrer

Director of Operations,
Community Consolidated
School District 181

READY FOR CLEANER AIR IN YOUR FACILITIES?

Find out how AeraMax Professional can help today! aeramaxpro.com



CASE STUDY



Alamo Drafthouse Cinema
Austin, TX

See how AeraMax® Professional helped provide a cleaner movie-going experience.



THE CHALLENGE

Daniel Osborne needed a solution to the growing number of air quality complaints from patrons and staff.

Daniel Osborne, facility manager of Alamo Drafthouse Cinema in Austin, Texas, made a commitment to the environment when he installed waterless urinals in the men's bathrooms. Although the new urinals increased sustainability, they also **required more maintenance and created odor issues.**

This tradeoff wasn't working for Osborne. He needed a solution to the growing number of air quality complaints from patrons and staff. Unfortunately, his team had only a few hours each night to clean the entire theater, which is open much of the day and gets up to 5,000 visitors.

Though vendors were constantly approaching him with air fresheners and other gimmicks to mask the odor, Osborne knew these products were **ultimately ineffective at eliminating the odor.**



SEE THE SOLUTION AND EXCITING RESULTS!

THE SOLUTION

The Alamo Drafthouse Cinema staff installed one AeraMax Professional unit in each of the facility's restrooms.

The theater's "shotgun-style" bathrooms are long and narrow, which makes them particularly susceptible to odor issues. By strategically placing AeraMax Professionals above the baby-changing stations, Osborne was able to **eliminate those odors and purify the air throughout the entire restroom.**



THE RESULTS

For Osborne, the results were immediate.

"The proof is in the pudding. I can show you the difference in the number of complaints I've received from the public before and after I installed the AeraMax Professional." Osborne said. "Before we put AeraMax Pros in there I was getting calls left and right about odor issues, but since then I haven't had any of those same complaints."



Three months after installation, Osborne still hasn't received any complaints, taking one major stressor off of his plate entirely.

"The short and long of it is these things are working alone, and I haven't had any more complaints. **It was literally a one-stop solution** for me, and I no longer have to deal with vendors trying to sell me on other stuff that's really just masking the odors," Osborne said.

He also noted that while the units weren't installed during flu season, he looks forward to monitoring their effectiveness when the virus is in full swing. **The AeraMax Professional removes 99.9 percent of contaminants from the air** and has been proven by an independent lab to remove 99.9 percent of **airborne flu virus** in a controlled environment in only 35 minutes.

He has been so impressed that he's recommended other Alamo Drafthouse locations install AeraMax Professionals to create a better experience for customers.

"AeraMax Professional is eliminating the odors. It's stopping the cause of the problem, instead of just covering the symptoms."



— Daniel Osborne
Facility Manager,
AlamoDrafthouseCinema,
Austin, TX

READY FOR CLEANER AIR IN YOUR FACILITIES?

Find out how AeraMax Professional can help today! aeramaxpro.com





CASE STUDY >

Museum of Science and Industry
Chicago, IL

See how AeraMax® Professional made for clean N₂O₂ArCo₂ (air!) at the museum.



THE CHALLENGE

“We want to have each guest feel as if they have entered into our home—a clean, friendly and memory making experience.”

Chicago’s Museum of Science and Industry (MSI), one of the largest science centers in the Western hemisphere, entertains 1.4 million people each year. That’s a lot of trips to the bathroom.

With many hands-on, interactive exhibits, MSI is a learning hub for kids. And with so many kids using the washrooms, MSI’s Director of Facilities Operations, Ed McDonald, has a lot on his hands, too.

McDonald knows from experience that keeping the museum’s restrooms clean is both an art and a science. Not only is the surface cleanliness of the restrooms important, but the air quality—specifically, controlling odors and germs—is extremely important, too.

McDonald knew that simply cleaning restroom surfaces wasn’t the whole equation. He needed more. He wanted to clean the air.



THE SOLUTION

McDonald needed a more sophisticated solution for the impressive restrooms at MSI. To get beyond “surface clean,” the search for a comprehensive way to reduce bathroom germs pointed to AeraMax Professional.

“We get over 340,000 students a year—and that’s just counting field trips. It’s great that we’ve found a way to get rid of odors and germs in the air. I love the science of the system at work.”



MSI installed two large AeraMax Professional units—capable of cleaning spaces up to 1,400 square feet—in its bathrooms on the Main Floor. Within a few days, McDonald knew he had a winner. The bathrooms not only smelled better; they were cleaner.

THE RESULTS

Facilities managers have looked for ways to eliminate unwanted odors from restrooms and other problem areas for years. Frequently, odors are covered up using chemicals that can do more harm than good. AeraMax Professional units eliminate 99.9% of contaminants from the air, which does everyone a whole lot more good.

“Since we installed the AeraMax Pro units, I haven’t received any complaints about air quality or odors in those restrooms—a testimony to the work and the effectiveness these devices provide.”

Two more things McDonald likes about his AeraMax Professional units: they don’t require much maintenance and he’s saving money in janitorial supplies and energy.



“I highly recommend AeraMax Professional units. We plan to add additional units over time to other restrooms and, eventually, to children’s lunchrooms throughout the Museum.”



- Ed McDonald
Director of Facilities
and Operations,
Museum of Science and Industry
Chicago, IL

ARE YOU READY FOR CLEANER FACILITY?

Find out how AeraMax Professional can help today! aeramaxpro.com

AERA MAX
PROFESSIONAL