

Go beyond surface clean.

Clean Air, Cleaner Facility.



AERA-MAX[®]
P R O F E S S I O N A L

Commercial-grade
air purifiers

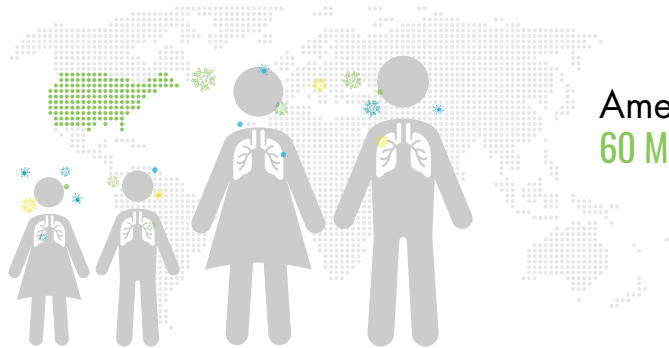
INDOOR AIR MATTERS

We spend 90% of our time indoors and nine hours every day sharing spaces with others.^{1,2}

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**.

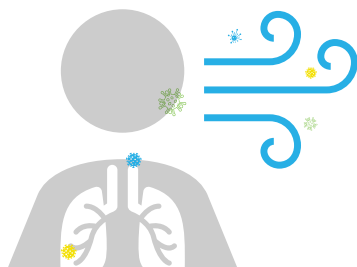
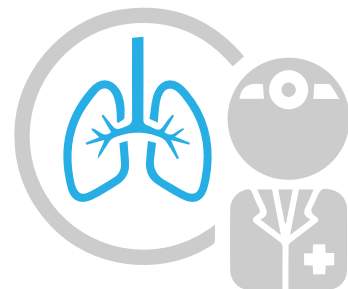
Public spaces, like offices, health care facilities and schools are breeding grounds for bacteria, viruses, dust and allergens, and harsh chemicals and odors.

While we all recognize the need to wash our hands and clean common surfaces like doors, tabletops, bathrooms, etc., it's not enough. **WE NEED TO CLEAN THE AIR**. Why?



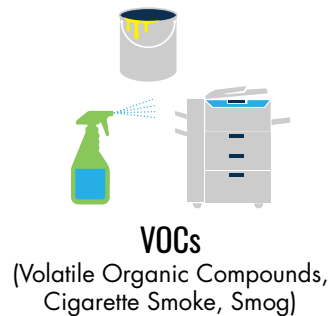
Americans get **1 BILLION COLDS** and **60 MILLION FLU CASES** each year.³

RESPIRATORY ILLNESS—colds, flu, allergies and asthma—is the **#1 REASON FOR DOCTOR VISITS** each year.⁴



FLU CAN SPREAD TO OTHERS UP TO 6' AWAY—mainly by droplets from coughing, sneezing or talking and can live in the air for several hours. Viral transmissions, which can already **TRAVEL UP TO 160' ON THEIR OWN**, can be accelerated or spread by a building's HVAC system.⁵

WHAT'S IN THE AIR?



BAD AIR IMPACTS THE BOTTOM LINE

\$220 BILLION DOLLARS evaporates from the economy every year in lost productivity from sick days.⁶



THE AVERAGE COST OF ONE EMPLOYEE SICK DAY IS **\$2,650**⁸



In fact the EPA estimates that Sick Building Syndrome alone is responsible for **\$60 BILLION IN LOST REVENUE.**⁷



THE BENEFITS OF CLEANER AIR



BREATHE EASIER

99.97% of harmful germs, allergens and particulates are removed safely and easily.*



INCREASED PRODUCTIVITY⁹

Improved indoor air quality **improves mental tasks**, like concentration and recall, and can reduce absenteeism due to illness.



INCREASE LOYALTY

Clean air—free from contaminants and harsh odors—**shows care and concern** for the well-being of your facility's occupants and customers.

*as small as 0.3 microns

“ Clean air helped
me deliver a
CLEANER
facility. ”

Nick Miller
General Manager
LEGOLAND® Discovery Center



DELIVERING A GREAT GUEST EXPERIENCE

Kid-centric LEGOLAND® Discovery Center’s restrooms are visited by hundreds or thousands of visitors every day. Keeping them clean is challenging.

Air fresheners only mask bathroom odor and do nothing to prevent the airborne germs that accompany them. For a truly clean facility, LEGOLAND® installed AeraMax Professional air purifiers in each of its facility’s restrooms, resulting in a significant improvement in key performance indicators (KPI) for facility cleanliness.



BREATHE EASIER...ANYWHERE

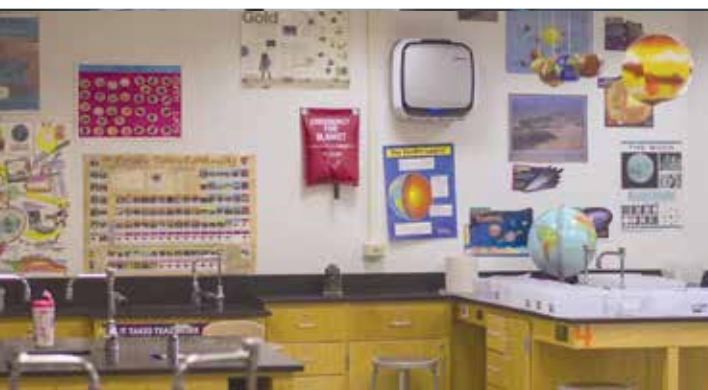
AeraMax Professional is working—in places like schools, restaurants, office buildings and other public spaces—purifying the air in common areas, where it's needed most, and offering a better overall experience for students, staff and guests.

“AeraMax Professional is stopping the cause of the problem, instead of just covering up the symptoms.”

CASE STUDY:
ALAMO DRAFTHOUSE, AUSTIN, TX

Facility manager Daniel Osborn needed a solution to the growing number of restroom odor complaints from patrons and staff. Three months after installing an AeraMax Professional unit in each restroom above the diaper changing stations, the number of odor complaints Osborne heard dropped to zero. In fact, Osborne is so impressed, he's recommended that other Alamo Draffhouse locations improve the customer experience by installing AeraMax Professional units, too.

See the video on
aeramaxpro.com



“The indoor air quality issues we were having completely went away.”

CASE STUDY:
HINSDALE MIDDLE SCHOOL, HINSDALE, IL

When a series of architectural changes at Hinsdale Middle School caused indoor air quality (IAQ) issues, Director of Operations at Community Consolidated School District 181, Mike Vilendrer, turned to AeraMax Professional. Eight months after installation in a science lab, an art room, a classroom and the band room, the problems vanished into clean air—with one art teacher noting a significant drop in absences compared to past years.

See the video on
aeramaxpro.com

PUT AERAMAX PROFESSIONAL TO WORK...



Health Care Facilities

Facilities are cleaner because AeraMax Professional **removes 99.9% of germs and allergens** from the air—including the **airborne influenza virus**—without the use of chemicals.

Schools

Capturing airborne germs, allergens and VOCs creates a healthier environment and contributes to **improved attendance and focus.**



Assisted Living Facilities

Providing an environment with **clean indoor air** and absence of odor presents a **positive image** to current residents, and also creates strong value for prospective families.



Office Buildings

By eliminating the Volatile Organic Compounds (VOCs) found in carpeting, office furniture and cleaning chemicals, and germs like the flu, **businesses can save nearly \$2,650 per employee**, per year, in decreased absenteeism.⁸

PUT AERAMAX PROFESSIONAL TO WORK...



Hospitality

When people converge in indoor hospitality environments, they bring outside germs and viruses with them. AeraMax Professional is designed to integrate easily into these spaces—assisting you in **providing an outstanding overall guest experience.**

Restrooms

A smelly bathroom can be a big problem. **64% of Americans** will think twice about returning to a facility after an unpleasant restroom experience.¹⁰ AeraMax Professional's carbon filter **removes odor** without introducing chemicals into the air.





MEET AERAMAX PROFESSIONAL

AeraMax Professional commercial-grade air purifiers are engineered to clean the air where it's needed most. Patented EnviroSmart™ technology responds to the environment, allowing for efficient and low-maintenance operation.

HOW IT WORKS

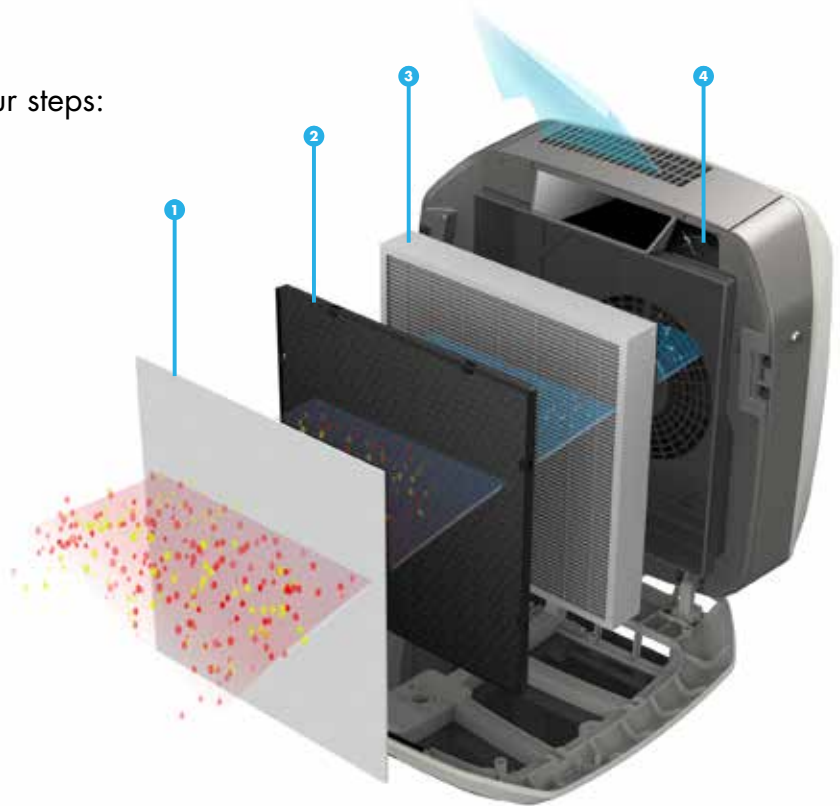
AeraMax Professional cleans the air in four steps:

- 1 A **pre-filter** captures and removes large particles and contaminants
- 2 **Carbon** filtration adsorbs odors and VOCs
- 3 **True HEPA** filtration traps **99.97%** of any remaining airborne pollutants*

Anti-microbial treatment on the HEPA filter effectively reduces the development of bacteria and fungi on the filter

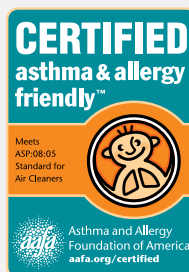
- 4 **PlasmaTrue™ Bipolar Ionization** electrically charges airborne particles to enhance filtration

*as small as 0.3 microns



SEAMLESS INTEGRATION

The AeraMax Professional was designed to seamlessly and safely integrate into your facility's environment. Units are unobtrusive and aesthetically-pleasing, mounting easily on any wall, so you can provide worry-free air purification wherever it's needed most.



CERTIFIED BY AAFA

Certified **asthma & allergy friendly™** by the Asthma and Allergy Foundation of America.

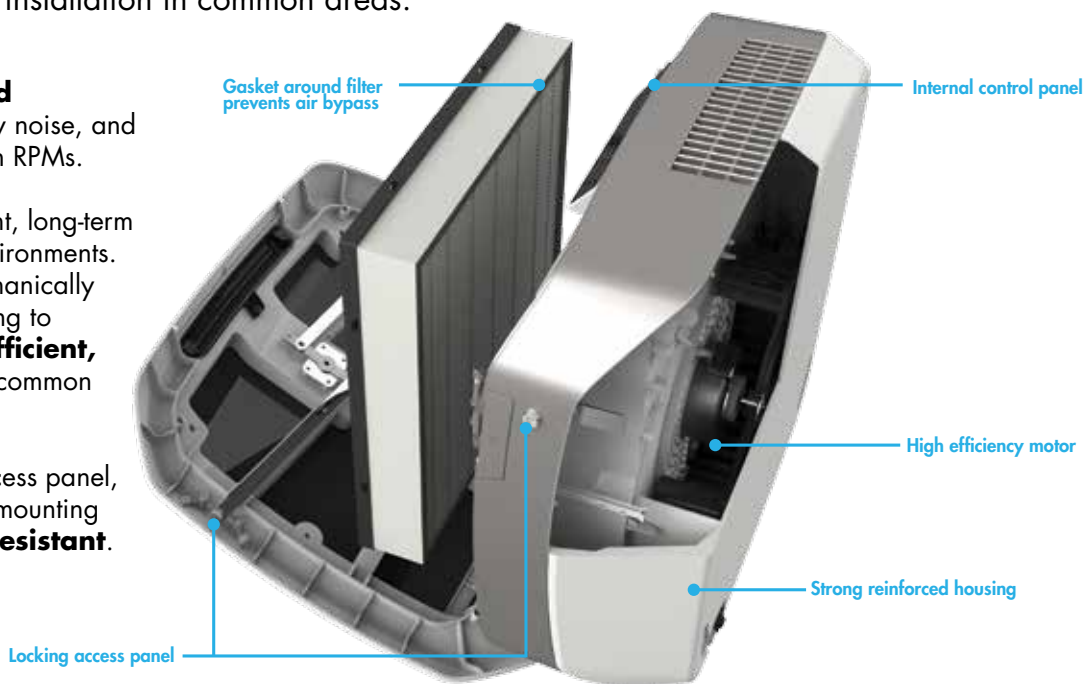
COMMERCIAL-GRADE DURABILITY

Engineered for permanent installation in common areas:

Encased, thermal-protected brushless DC motors for low noise, and long-term continuous use at high RPMs.

Extra-thick filters provide efficient, long-term performance in commercial environments. True HEPA filters include a mechanically compressed edge gasket, helping to eliminate air/filter bypass for **efficient, long-term performance** in common environments.


Reinforced housing, locking access panel, and internal control panel and mounting screws make the unit **vandal resistant**.




ENVIROSMART TECHNOLOGY

Intelligent sensors detect sound, motion and odor to assess a room's occupancy and condition, automatically adjusting to optimize performance, reduce energy consumption and extend filter life.

QUIET MODE

 **Unit runs at or below ambient sound level** when room is occupied. When empty, rapid purification is initiated then lowers to sleep mode until sensors detect occupancy &/or odor.

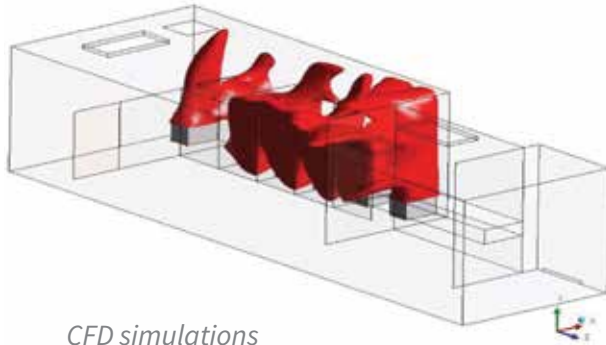
NORMAL MODE

 **Rapid purification mode** is initiated when room is occupied &/or strong odors are present. Unit then lowers to sleep mode until sensors detect occupancy &/or odor.

THE SCIENCE OF CLEANING THE AIR

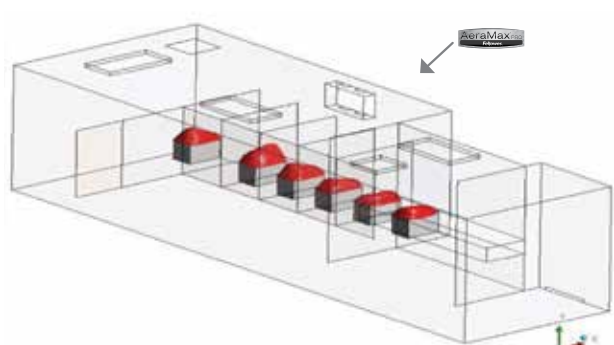
A Computational Fluid Dynamics study demonstrates how AeraMax Professional systems improve air quality by diluting and removing airborne contaminants.

CONTAMINANT CLOUD WITHOUT SYSTEM



CFD simulations conducted in average 6 stall women's restroom.

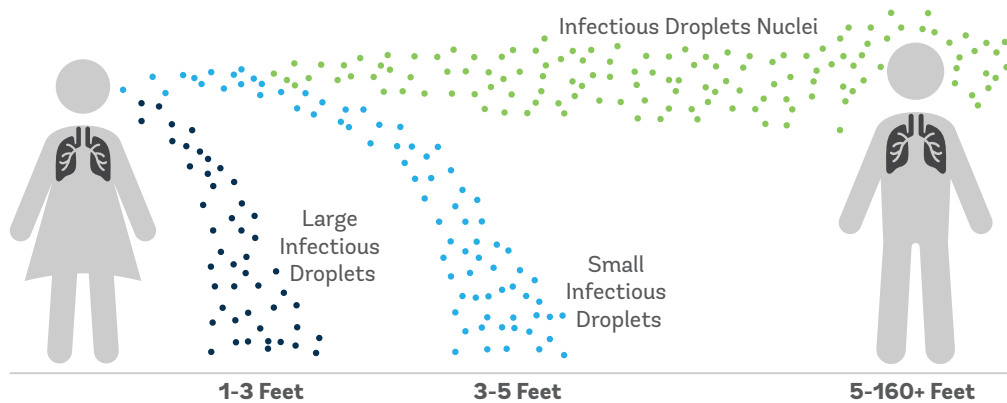
CONTAMINANT CLOUD WITH SYSTEM OVER STALLS



See the video on aeramaxpro.com

Independent laboratory testing shows AeraMax Professional captures, 99.9% of airborne influenza virus.

Independent Laboratory Influenza Study
– March 2015



1. "Questions About Your Community: Indoor Air" United States Environmental Protection Agency, <http://www.epa.gov/region1/communities/indoorair.html>
2. "Charts from the American Time Use Survey" United States Department of Labor, Bureau of Labor Statistics, <http://www.bls.gov/tus/charts/>
3. "Seasonal Flu" U.S. Department of Health & Human Services, Flu.gov http://www.flu.gov/about_the_flu/seasonal/index.html
4. "Ambulatory Care Use and Physician office visits" Centers for Disease Control and Prevention, <http://www.cdc.gov/nchs/fastats/physician-visits.htm>
5. "How Flu Spreads" Centers for Disease Control and Prevention, <http://www.cdc.gov/flu/about/disease/spread.htm>
6. Japsen, Bruce (2012), U.S. Workforce Illness Costs \$576B Annually From Sick Days To Workers Compensation. Retrieved November 23, 2013 <http://www.forbes.com/sites/brucejapsen/2012/09/12/u-s-workforce-illness-costs-576b-annually-from-sick-days-to-workers-compensation/>
7. "Studies stir new debate about influenza virus size, transmission risk, PPE use" Pyrek, Kelly M. (2013). Retrieved November 19, 2013, from <http://infectioncontroltoday.com>
8. "The causes and costs of absenteeism" Folger, Jean (2013), Investopedia, from <http://www.investopedia.com/articles/personal-finance/070513/causes-and-costs-absenteeism.asp>
9. "Student Health and Academic Performance" U.S. Environmental Protection Agency
10. "Healthy hand washing survey" Bradley Corporation (2013), <https://www.bradleycorp.com/handwashing>



AERAMAX PRO AM III

CLEANS UP TO 700 SQ. FEET

SPECIFICATIONS

Dimensions (HxWxD)	20 x 21 x 9 in. (50.8 x 53.3 x 22.8 cm)
Weight of system (including filters)	20.2 lbs. (9.16 kg)
Air Delivery, 5 speeds (CFM)	76, 93, 112, 140, 220
Sound pressure levels, each fan speed (dB)	38, 41, 48, 52, 67
Power Requirements:	120v, 60Hz, 2A
Power Consumption:	175W
Electrical safety certification	UL
Motor	Single motor: encased brushless DC motor, thermal and overcurrent protection, designed for low noise, long-term continuous use at high RPM
Air intake / outlet	Bottom / Top
Control panel	Capacitive touch, internal access only
Housing material	UV stabilized ABS
Operating temperature / humidity level	41 to 104F (5 to 40C) / Up to 60% humidity level
Area Coverage	300 to 700 Square Feet
Warranty	5 Year Limited Warranty

CONFIGURATIONS

Wall mount



Floor stand



DIMENSIONS

Wall mount	20" x 21" x 9"
Floor stand	20.8" x 10.6" x 22.7"



AERAMAX PRO AM IV

CLEANS UP TO 1400 SQ. FEET

SPECIFICATIONS

Dimensions (HxWxD)	19.6 x 34.7 x 9 in. (49.7 x 88.1 x 22.8 cm)
Weight of system (including filters)	33.3 lbs. (15.1 kg)
Air Delivery, 5 speeds (CFM)	153, 186, 224, 280, 440
Sound pressure levels, each fan speed (dB)	42, 44, 51, 53, 68
Power Requirements:	120v, 60Hz, 2A
Power Consumption:	175W
Electrical safety certification	UL
Motor	Dual motors: encased brushless DC motor, thermal and overcurrent protection, designed for low noise, long-term continuous use at high RPM
Air intake / outlet	Bottom / Top
Control panel	Capacitive touch, internal access only
Housing material	UV stabilized ABS
Operating temperature / humidity level	41 to 104F (5 to 40C) / Up to 60% humidity level
Area Coverage	600 to 1400 Square Feet
Warranty	5 Year Limited Warranty

CONFIGURATIONS

Wall mount

Floor stand

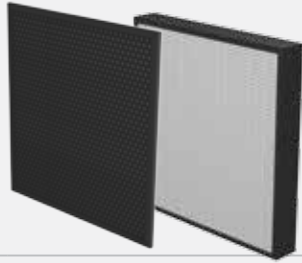


DIMENSIONS

Wall mount	34.7" x 9" x 19.6"
Floor stand	34.8" x 10.6" x 22.7"

FILTER SOLUTIONS

AeraMax Professional systems can be customized with filters that address your facility's specific needs.



	STANDARD 3/8" Carbon 2" TRUE HEPA	HYBRID 1" Carbon 1" TRUE HEPA	HIGH ODOR/VOC 2" Carbon
Suggested Usage	Applications in which higher levels of viruses, germs or allergens <i>Ex. Waiting areas, classrooms, offices, day care and conference rooms</i>	Applications in which viruses, germs, allergens and odor are of concern <i>Ex. Restrooms, cafeterias, locker rooms, break rooms</i>	Applications with high odor or VOC's and where germs, viruses and allergens are of minimal concern <i>Ex. Storage rooms, kitchenettes/food prep</i>
Estimated Filter Life*	3/8" Carbon: 6 Months 2" TRUE HEPA: 12-18 Months	Hybrid: 12 Months	Carbon: 2 Years
Item Numbers	3/8" Carbon (4 Pack): 9416502 2" TRUE HEPA (2 Pack): 9416602	2" HYBRID (2 Pack): 9436902	Carbon (2 Pack): 9436802

* Actual useful filter life will vary depending on application

MACHINE ITEM NUMBERS



Stainless



White



Graphite

COLOR	AM III WALL MOUNT	AM III FLOOR STAND	AM IV WALL MOUNT	AM IV FLOOR STAND
Stainless Finish	9416201	9450001	9416301	9451201
White	9436201	9434601	9436301	9435801
Graphite	9446201	9434901	9446301	9436401

To learn more about AeraMax® Professional products including specs, CAD files, CFD Study Video and more visit us at aeramaxpro.com or call **1-800-945-7940**.

AERA MAX®
P R O F E S S I O N A L

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INNOVATION IN MOTION™

AeraMax® Professional is part of Fellowes Brands™, an industry leader in home, workplace and mobile technology solutions.

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