

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

On average, we consume:



2.5 CUPS WATER/DAY



4.7 LBS FOOD/DAY



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

Although we don't usually give much thought to indoor air quality, we should.

The air we breathe indoors is up to

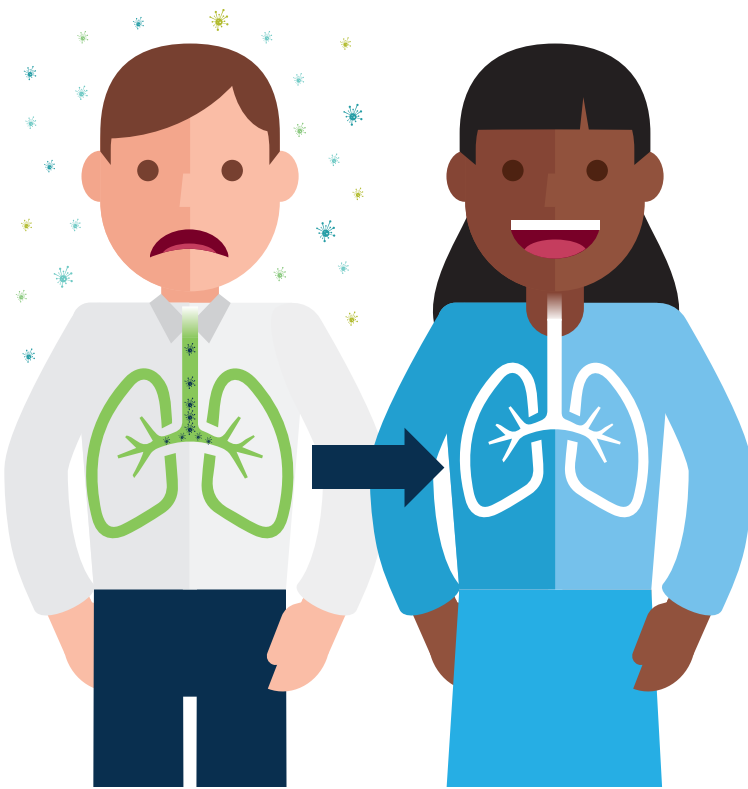
5x MORE POLLUTED
THAN OUTDOOR AIR.

FLU CAN SPREAD TO OTHERS UP TO 6' AWAY — mainly by droplets

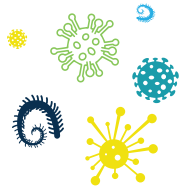
from coughing, sneezing or talking and can live in the air for several hours. Viral transmissions, which can already **TRAVEL UP TO 160' ON THEIR OWN**, can be accelerated or spread by a building's HVAC system.⁵

While we all recognize the need to wash our hands and clean surfaces like doors, tabletops, bathrooms, etc., it's not enough.

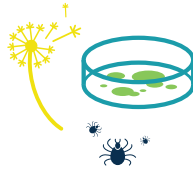
WE NEED TO CLEAN THE AIR.



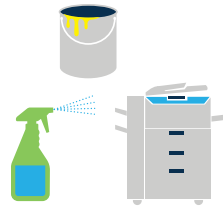
WHAT'S IN THE AIR?



Bacteria / Viruses



Allergens
(Pollen & Ragweed,
Mold, Pet Dander,
Dust Mites)



VOCs
(Volatile Organic Compounds,
Cigarette Smoke, Smog)



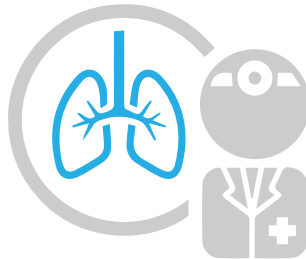
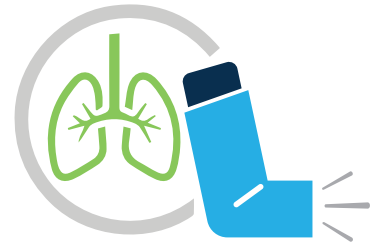
Odors

Bad air impacts the bottom line:



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

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



WORK-RELATED ASTHMA—is one of the **MOST PREVALENT** occupational lung diseases.

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.

See the video on
aeramaxpro.com



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.

“ Since installing the AeraMax Professional units, complaints have been removed—almost immediately.”

CASE STUDY:

EVERGREEN HEALTH SERVICES, BUFFALO, NY

Vice President of Facilities Gary Williams needed to remove germs and odor from the air to provide a clean and welcoming environment for staff and clients. With a significant number of clients that are homeless or near homeless and have compromised immune systems, it was vital to provide a clean facility. Williams installed AeraMax® Professional III units in the restrooms. Because AeraMax Professional has worked so well, he is going to install units in the waiting area, to reduce the exposure of people with compromised immune systems to airborne germs, pathogens and allergens.

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

CAPTURING AIRBORNE VIRUSES & GERMS



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.**



ADDRESSING ALLERGY & ASTHMA TRIGGERS

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



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.



MAKE A POSITIVE FIRST IMPRESSION



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

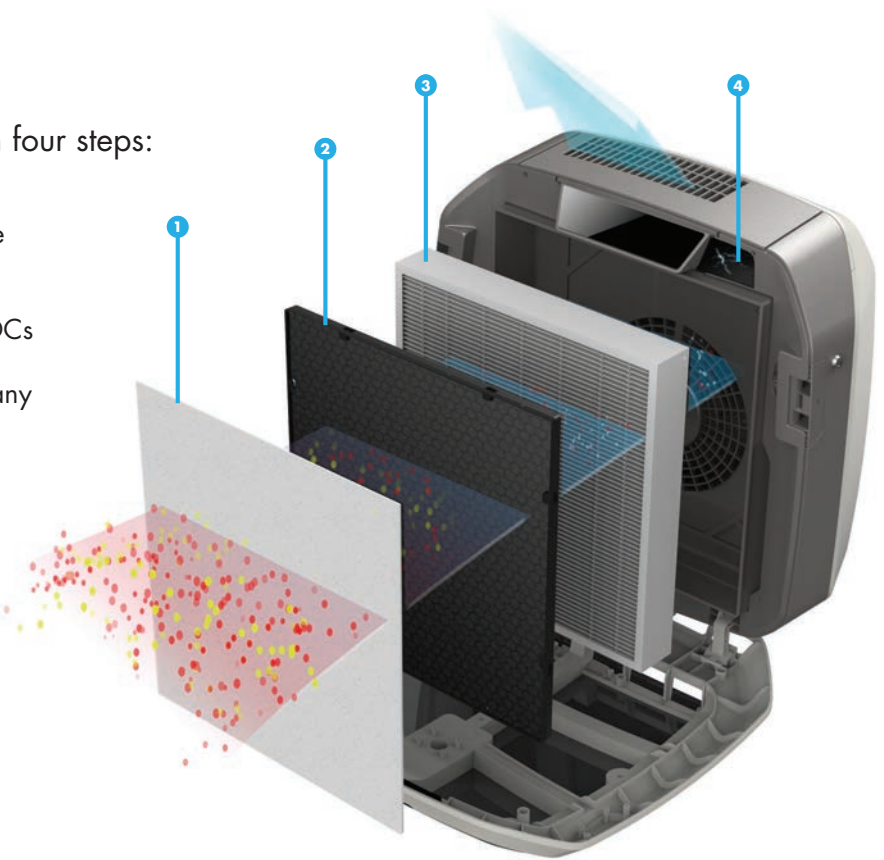
AeraMax Professional commercial-grade air purifiers are engineered to clean the air where it's needed most. Patented EnviroSmart™ technology responds to the environment, allowing for efficient and low-maintenance operation.

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*
- 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 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.

ENVIROSMART TECHNOLOGY



EnviroSmart™

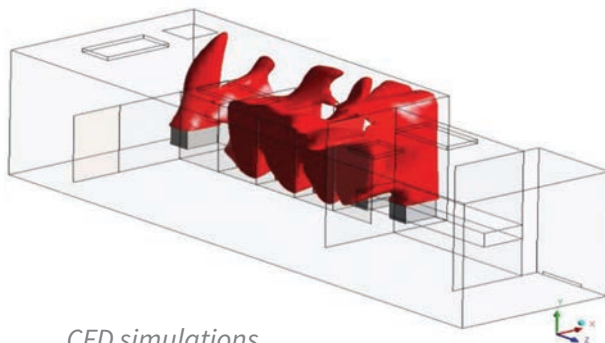
Intelligent sensors detect sound, motion and odor to assess a room's occupancy and condition, automatically adjusting to optimize performance, reduce energy consumption and extend filter life.



THE SCIENCE OF CLEANING THE AIR

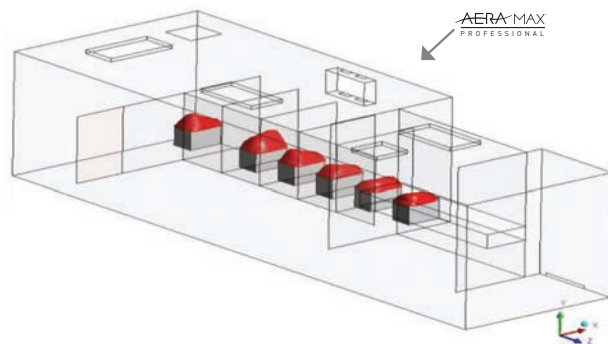
A Computational Fluid Dynamics study demonstrates how AeraMax Professional systems improve air quality by diluting and removing airborne contaminants.

CONTAMINANT CLOUD WITHOUT SYSTEM



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

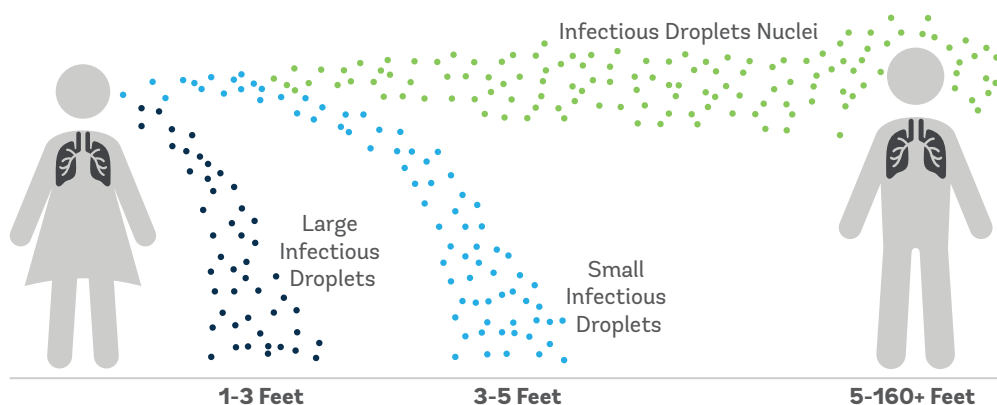
CONTAMINANT CLOUD WITH SYSTEM OVER STALLS



See the video on
aeramaxpro.com

Independent laboratory testing shows AeraMax Professional CAPTURES 99.9% OF THE 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>

ONE SOLUTION. LOTS OF CHOICES.

No one facility is the same. That's why we offer our industry-leading commercial grade air purifiers in a variety of sizes—so you get the room coverage you need.

All our models offer unmatched air filtration, via True HEPA filtration. All tackle harmful germs, viruses, VOCs and odors. And each benefits from EnviroSmart™ technology, sensing when to purify the air. You just have to pick the size you need. And whether you want a wall-mounted or freestanding unit. And then there are the finishes to consider. Like we said: choices.



AM II

**CLEANS UP TO
300 SQ. FEET**



AM III

**CLEANS UP TO
700 SQ. FEET**



AM IV

**CLEANS UP TO
1,400 SQ. FEET**

AERAMAX PROFESSIONAL AM II

CLEANS UP TO 300 SQ. FEET

SPECIFICATIONS

Item Number: (Wall Mount)	9416101
Dimensions (HxWxD):	22.6" x 14" x 4.08"
Weight of system (including filters):	10.6 lbs.
Sound pressure levels, each fan speed (dB):	45, 48, 51, 60, 64
Air Delivery, 5 speeds (CFM):	35, 43, 51, 64, 100
Power Requirements:	120v, 60 Hz, 2A
Power Consumption (watts):	5, 7, 11, 33, 55
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:	Sides / Top
Control panel:	Capacitive touch
Sensors:	EnviroSmart™ - VOC, audio and motion
Housing material:	UV stabilized ABS
Operating temperature / humidity level:	50°F - 104°F (10°C - 40°C) / Up to 60%
Warranty	3 Year Limited Warranty



CONFIGURATIONS

Wall mount

Recess wall mount

Floor stand



ACCESSORIES

	Item Number	Dimensions
Recess kit	9540801	25.25" x 16.25" x 3.25"
Floor stand	9540901	15.2" x 15.9" x 8.5"

FILTER SOLUTIONS

	STANDARD - 1¾" HYBRID Half Activated Carbon Half TRUE HEPA with antimicrobial treatment	HEPA ONLY 1¾" TRUE HEPA with antimicrobial treatment	CARBON ONLY 1¾" Activated Carbon	CARBON BOOSTERS Can be added to any filter option for additional odor/VOC adsorption
Suggested Usage	Applications where viruses, germs and allergens and odors are of concern	Applications where viruses, germs and allergens are of concern	Applications with high odor or VOCs and germs, viruses and allergens are of minimal concern	Applications with high odor/volatile organic compounds are of concern
Estimated Filter Life*	1 Year	2 Years	1 Year	6 Months
Item Numbers	9544501	9544301	9544601	9544402 (2 sets)

* Actual useful filter life will vary depending on application

AERAMAX PROFESSIONAL AM III

CLEANS 300 TO 700 SQ. FEET

SPECIFICATIONS

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, Energy Star
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%
Warranty	5 Year Limited Warranty



CONFIGURATIONS

Wall mount



Floor stand



DIMENSIONS

Wall mount	20 x 21 x 9 in. (50.8 x 53.3 x 22.8 cm)
Floor stand	20.8" x 10.6" x 22.7"

MACHINE ITEM NUMBERS

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



Stainless



White



Graphite

AERAMAX PROFESSIONAL AM IV

CLEANS 600 TO 1400 SQ. FEET

SPECIFICATIONS

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, Energy Star
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%
Warranty	5 Year Limited Warranty



CONFIGURATIONS

Wall mount



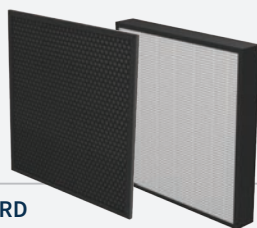
Floor stand



DIMENSIONS

Wall mount	19.6 x 34.7 x 9 in. (49.7 x 88.1 x 22.8 cm)
Floor stand	34.8" x 10.6" x 22.7"

FILTER SOLUTIONS



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

AERA MAX[®]
P R O F E S S I O N A L

To learn more about AeraMax[®] Professional products
including specs, CAD files, CFD Study Video and more
visit us at **aeramaxpro.com** or call **1-800-477-7940**.

Fellowes
Brands™

FAMILY BUSINESS
SINCE 1917