CLEAN THE AIR WE SHARE

Distributed by: WAXIE SANITARY SUPPLY
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Fellowes Brands, a fourth generation global family business, creates innovative solutions that comprehensively promote inspiration, functionality and wellbeing in the workplace. Our collection of brands provides specialty services and expertise to ensure your people operate, perform and feel their best—and your work environment prospers.
How People are Infected

Study after study proves there are two transmission routes.

A person can become infected through direct contact with a person or object carrying the virus.

By air, with two transmission methods:
- Airborne transmission via large droplets (≥ 10 microns) when people cough or sneeze (3-6ft risk)
- Airborne transmission through small particles (<5 microns) also generated by coughing/sneezing/talking

The Airborne Threat is Real

Global healthcare experts and virologists agree: airborne, aerosol transmission of viruses poses a significant threat.

The Centers for Disease Control (CDC) found that COVID-19 can travel up to 13 feet in the air.

The New England Journal of Medicine reported the virus can remain suspended in air for up to 3 hours.

Research in The Netherlands found the typical 6-foot social distancing measurement between people to be ineffective... and recommended spacing of up to 65 feet (20 meters).

We Need to Clean the Air

ASHRAE, the world’s largest association dedicated to the subject of ventilation and air quality (HVAC), published a statement regarding transmission of SARS-CoV-2 and the operation of HVAC systems during the COVID-19 pandemic which opened with:

“Transmission of SARS-CoV-2 through the air is sufficiently likely that airborne exposure to the virus should be controlled.”

It Doesn’t Stop at Viruses

The average person inhales 3,000 gallons of indoor air every day, with most people spending 90% of their time indoors and nine hours per day in shared environments-spaces that are up to five times more polluted than outdoors.

A Complete Hygiene Solution

A proactive approach must consist of three essential components for protection against virus transmission in shared environments.

Washing Your Hands

Sanitizing Surfaces

Cleaning The Air

Viruses / Bacteria

Allergens

VOCs

Odors

The Rapid Global Spread Of Covid-19

has increased our urgency to protect ourselves and each other. Healthy and safe facilities matter now, more than ever.
Your patients and visitors in MEDICAL FACILITIES
Poor air quality can lead to the airborne transmission of bacteria and viruses. In waiting rooms and consultation rooms in medical facilities the air must be cleaned in addition to surface and hand cleaning.

Your patients and employees in DENTAL FACILITIES
The dental profession is notorious for poor air quality, with labs brimming with dust from molding and grinding appliances, and dental practices teeming with germs and bacteria from patient procedures. How bad is it? The dental profession has five of the top ten unhealthiest occupations, according to the U.S. Department of Labor.

Your residents and staff in ASSISTED LIVING FACILITIES
The elderly are more vulnerable to viruses and other respiratory illnesses and have the added concern of weakened immune systems. There is also a high amount of visitors and an obvious need to protect the workforce from potential airborne threats.

Your employees in CORPORATE OFFICES
Office buildings are a prime example of a space that we share for upwards of 9 hours every day and have a constant flow of visitors, vendors and employees who bring viruses, germs and pathogens into the workplace with them. Couple that with odors from food left in wastebaskets, conference rooms and common areas and it’s an IAQ hot spot.

Your students and staff in CLASSROOMS AND DAYCARE FACILITIES
Common areas and classrooms are breeding grounds for germs—and young respiratory systems are more susceptible to irritants that can exacerbate childhood allergies and asthma. What’s more, facilities staff find it increasingly difficult to effectively clean high-traffic areas rife with bacteria and viruses.

Your customers, guests and staff in HOSPITALITY, BEAUTY AND FITNESS FACILITIES
Busy shared air environments where we spend our free time and our money, can be high risk for transmission. Improved indoor air quality is a great way to provide maximum peace of mind for customers and improve brand perception. Hygiene and sanitation is essential in these environments.
WHY AERAMAX PROFESSIONAL

EFFECTIVE
Proven Performance

SMART
Patented, Responsive Technology

INTEGRATED
A Seamless Addition

RELIABLE
Commercial Grade Durability
The Plasma True™ Bipolar Ionizer improves the capture efficiency of the particulate filter.* Verified HEPA capture efficiency at 0.3 microns

The AeraMax Professional four-stage filtration process uses the following proven methods to effectively clean the air:

1. The pre-filter captures large particles and contaminants and helps protect the lifespan of other filters.
2. Active Carbon filtration adsorbs odors and VOCs from the air.
3. The True HEPA filter captures and traps 99.97% of airborne particles.* Anti-microbial treatment on the HEPA filter effectively reduces the development of bacteria and fungi on the filter.
4. The PlasmaTrue™ Bipolar Ionizer improves the capture efficiency of the particulate filter.

*verified 99.97% capture efficiency at 0.3 microns
Patented EnviroSmart™ Technology uses dual self-regulating laser sensors to measure sound, motion and air quality.

This technology means that AeraMax Professional works hard when it needs to, and shifts to standby when possible, saving energy and extending filter lifespan.

There are two sensing modes:

- Normal Mode: automatically adjusts between all fan speeds to control air quality (ideal for most shared spaces)
- Quiet Mode: uses quieter fan speeds when the space is occupied and all fan speeds when space is unoccupied (ideal where noise could be a concern)

SMART Patented, Responsive Technology

Seeing is believing - the best way to show your facility occupants that you are taking their health seriously is to show them! The Invisible becomes visible with PureView™ technology, a display that allows occupants to see the difference as they feel the difference.

Two high grade laser particle counters monitor air quality as it enters and exits the machine, enabling the screen to show the air quality data in two different display modes:

- Room Status: shows the current air quality in the room and the % of particles being captured in real-time.
- PM2.5: Displays real time the PM2.5 levels entering the unit and being removed in the filtration process.

The screen also showcases VOC/Odor levels and filter change reminders.

**Maximum peace of mind** for your facility users and **maximum visibility** for your facilities team.
INTEGRATED
A Seamless Addition

The AeraMax Professional was designed to seamlessly integrate into your facility’s environment. All models are wall-mountable, unobtrusive and aesthetically pleasing, so you can provide worry-free air purification wherever it’s needed most.

AM 2 - ADA compliant when using recess kit.

RELIABLE
Commercial Grade Durability

All AeraMax Professional units are built with 24/7/365 operation in mind. That means continual use...and that means they’re constructed with superior components, high-grade filters and reinforced housings.

AM 3 & 4 = 5 year warranty
AM 2 = 3 year warranty
The Science of Clean Air

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

Contaminant Cloud Without System

Contaminant Cloud With System Over Stalls

See the video on aeramaxpro.com

Assumes all six toilets flushing all at once, constantly and stall doors closed

Significant decrease in concentration of contaminant at 2.5 PPM (red)

Increase in pure air in area directly in front of stalls

To achieve this with HVAC would require 250% flow rate increase

The AeraMax Professional Difference

It Starts With Great HEPA Filtration

A well-engineered machine is quickly let down if using poor filters. Our True HEPA filters conform to IEST 1.5 HEPA Standard which proves 99.97% at the 0.3 micron size. In addition, our filters can capture more than 97.8% of pollutants at 0.1-0.15 microns, based on IBR Laboratories test data.

HEPA Stops Filtering Below 0.3 Microns - FALSE

HEPA filters do not work like a sieve. The reality is that HEPA filters can capture ALL particle sizes. Due to the physics of how HEPA filters work (diffusion, interception and impaction), there is often an insignificant drop in filtration efficiency close to 0.3 micron. Filtration efficiency continues at a high % well below this particle size.

Certified Performance Against Influenza

AeraMax Professional was independently tested and show to remove 99.99% of airborne influenza flu virus within 20-35 minutes of operation

Wall Mount Benefits

During our CFD simulation testing we observed significant full room filtration efficiency when wall mounted.

Solution can be installed closer to the source concern

Creates whole-room circulation and increases clean air distribution (less obstacles in air path)

Contaminated air is pulled closer to head height (breathing level) and not from the floor

Improves efficiency of ACH performance

The Experts Agree

CDC: “Consider using portable high-efficiency particulate air (HEPA) fan/ filtration systems to help enhance air cleaning (especially in higher risk areas).”

Source: https://www.cdc.gov/flu/about/disease/spread.htm

ASHRAE: “Add portable room air cleaners with HEPA or high-MERV filters with due consideration to the clean air delivery rate”

Air Changes Per Hour (ACH)

Simply put, ACH is the amount of times we can move the volume of air in a room through our machine. An ACH of 5 means your air is being cleaned every 12 minutes! You should be aiming for 3-5 air changes per hour.
Delivering A Great Guest Experience

Legoland Discovery Center

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.

“We clean air helped me deliver a CLEANER facility.”

Nick Miller, General Manager

A Visibly Cleaner Environment

All About You Dental Care

Dr. Stephen Lavrisa wanted to provide a clean and healthy environment for his patients and staff—but typical HEPA HVAC filters just weren’t cutting it. He didn’t know whether they truly worked and noticed that the bulky, retrofitted filters restricted the airflow of his HVAC system, causing the system to work overtime. Enter AeraMax Professional. Lavrisa installed eight units throughout his facility and noticed an immediate—and visible—difference. Dust didn’t collect on surfaces, and particulate matter that typically landed on surfaces by the end of the day were out of sight. The bonus: a healthier environment for all involved.

“I know that it’s cleaner, because I don’t see dust and particles on the countertops. I know my air quality is better.”

Dr. Stephen Lavrisa.

Setting Students Up for Success with Clean Air

Hinsdale Middle School

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.

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

Mike Vilendrer, Director of Operations, Community Consolidated School District 181

Little Lungs Need AeraMax Professional

Tiny Sprouts Early Childhood Center

Catering to 60 children—from infants to Pre-K—every day, Tiny Sprouts Early Childhood Center in Rutherford, NJ had a significant germ and odor problem that was unsolved by traditional cleaning methods. So, Director Emily Sousa installed AeraMax Professional units throughout the school. The impact was immediate. And dramatic. “We’ve seen a significant difference in air quality,” Sousa says. “In the morning, the room smells fresh and there’s a complete difference in the way it feels.” What’s more, the new air purification routine paid additional dividends. Parents from other schools switched their children to Tiny Sprouts specifically because of its stance on cleanliness, health and safety, as well as the installation of the AeraMax Professional units.

“We were able to solve on-going problems with odors and germs.”

Emily Sousa, Owner and Director

Find case studies and testimonials by visiting aeramaxpro.com
THE LINEUP

AERAMAX PRO 2
Small. But big.
The super slim design of the AeraMax Professional 2 makes it the perfect fit for smaller spaces, offering 3-5 air changes per hour in shared indoor spaces between 150 and 250 square feet. It’s ideal for smaller examination rooms, narrow hallways and small public restrooms.

AERAMAX PRO 3
The perfect fit for most rooms
Our AeraMax Professional 3 is perfect for most rooms, providing up to 3 air changes every hour in rooms as large as 550 square feet. It’s ideal for offices, conference rooms, classrooms, restrooms, waiting rooms and enclosed shared spaces.

AERAMAX PRO 4
The right size for large spaces
The AeraMax Professional 4 is the largest of our commercial grade air purification systems and will deliver an air change every 20 minutes in rooms up to 1100 square feet. Multiple units can be used for larger spaces making it the ideal solution for open office layouts, large conference rooms and many large shared air spaces.
# AERAMAX PRO 2

## Specifications

**Area Coverage**  
- 150 Square Feet (5 ACH)
- 250 Square Feet (3 ACH)
- 300 Square Feet (5 ACH)
- 550 Square Feet (3 ACH)
- 650 Square Feet (5 ACH)
- 1100 Square Feet (3 ACH)

**No. of Fan Speeds**  
- 5

**Airflow (CFM)**  
- 35, 43, 51, 64, 100
- 76, 93, 112, 140, 220
- 153, 186, 224, 280, 440

**Sound Pressure Levels (dB)**  
- 45, 48, 51, 60, 64
- 38, 41, 48, 52, 67
- 42, 44, 51, 53, 68

**System Dimensions** (HxWxD)  
- 22.6" x 14" x 4.1" (566 x 348 x 102mm)
- 19.6" x 20.9" x 9" (499 x 531 x 228 mm)
- 19.6" x 34.7" x 9" (499 x 881 x 228 mm)

**System Weight**  
- 10.6 lbs. (4.8kg)
- 20 lbs. (9.1kg)
- 35 lbs. (15.1 kg)

**Power Consumption (W)**  
- 5, 7, 11, 33, 55
- 5, 8, 11, 21, 100
- 8, 12, 18, 35, 166

## Configuration

- **Installation Method**  
  - Wall mounted (plate)
  - Floor Stand Accessory

## Pre-Filters

- **Filter Type**
  - Standard Filter Configuration
  - Full Carbon Filter (High-Odor/VOC)

## Models

- **Model Name**  
  - AERAMAX PRO 2
  - AERAMAX PRO 3 PC
  - AERAMAX PRO 4 PC
  - AERAMAX PRO 3
  - AERAMAX PRO 4

## Filters

### AERAMAX PRO AM2 & 4 Models

**Filter Type**  
- 3/8" Carbon Filter (w/pre-filter)
- 2" True HEPA

**Power Requirements**  
- 120v, 60Hz, 2A

**Warranty**  
- 3 Year Limited

### AERAMAX PRO AM2 Model

**Filter Type**  
- 1½" filter containing 50% Carbon & 50% True HEPA
- 2" True HEPA

**Warranty**  
- 1 Year Limited

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**FILTER SOLUTIONS**

## Filter Solutions

- **Filter Type**  
  - Standard Filter Configuration
  - Full True HEPA Filter
  - Full Carbon Filter (High-Odor/VOC)

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**Warranty**  
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To learn more about AeraMax® Professional products, watch customer testimonials and get further technical information and more visit us at aeramaxpro.com or call 1-800-477-7940.

For a full list of our 18 global locations, visit aeramaxpro.com/locations