



# Protecting People With *Fellowes* AIR PURIFIERS

AERA MAX®  
PROFESSIONAL

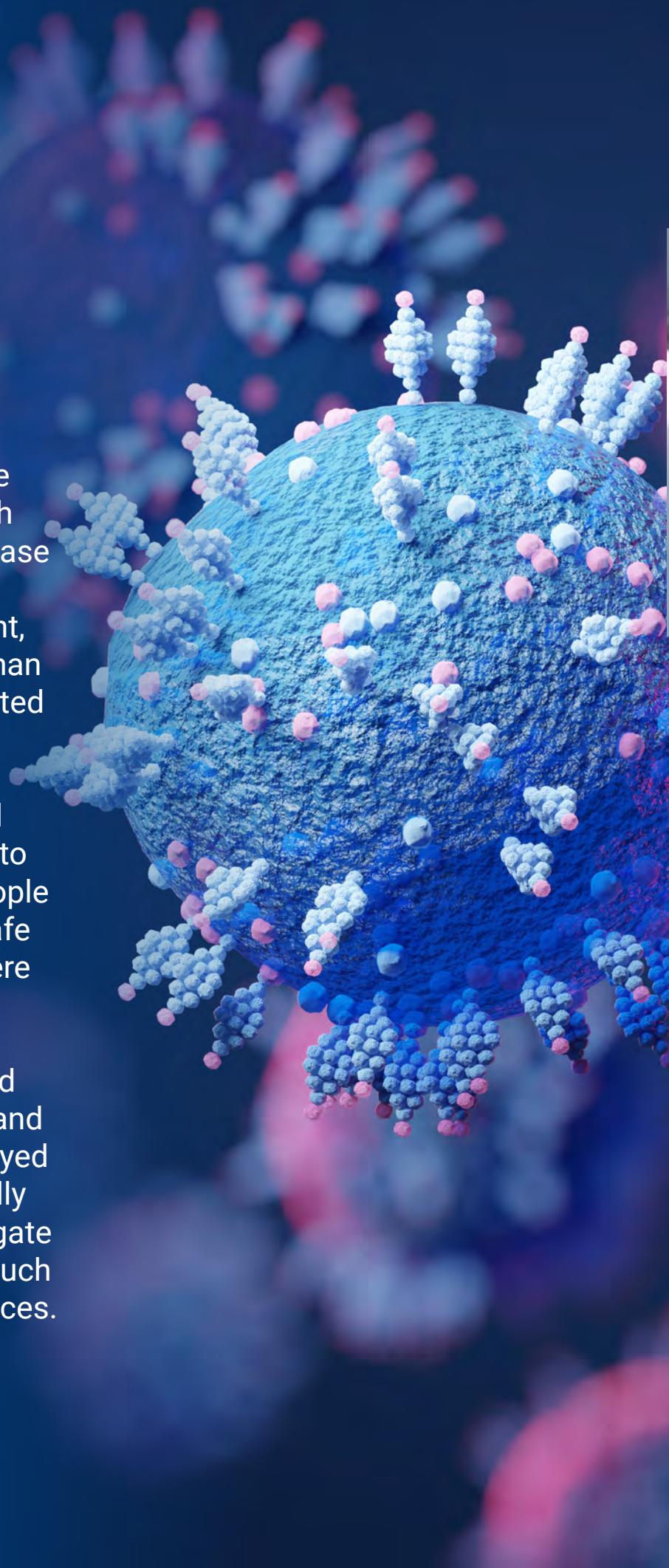


# The Omicron Variant

Since the beginning of the COVID-19 global pandemic, we as a society have been through multiple phases. The latest phase we are now dealing with is in the form of the Omicron variant, which is more transmissible than the delta variant which originated from India.

At BCHS we have worked hard to give our customers access to the very best tools to keep people safe. Safe where they work, safe where they learn and safe where they meet.

Along the way, we have learned about the critical importance and role the air we breathe has played in transmission rates, especially in areas where people congregate for extended periods of time such as school classrooms and offices.



# The Science of *Clean Air*



## 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 4 metres in the air<sup>1</sup>
- The New England Journal of Medicine reported the virus can remain suspended in air for up to 3 hours<sup>2</sup>
- Research in The Netherlands found the typical 2-metre social distancing measurement between people to be ineffective and recommended spacing of up to 20 metres<sup>3</sup>

## 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 (1-2 metre)
- Airborne transmission through small particles (<5 microns) also generated by coughing/ sneezing/talking

### Sources:

- 1 [https://wwwnc.cdc.gov/eid/article/26/7/20-0885\\_article](https://wwwnc.cdc.gov/eid/article/26/7/20-0885_article)
- 2 <https://www.nejm.org/doi/full/10.1056/NEJMc2004973>
- 3 <https://medium.com/@jurgenthoeven/belgian-dutch-study-why-in-times-of-covid-19-you-can-not-walk-run-bike-close-to-each-other-a5df19c77d08>

# Clean Air, *Cleaner Schools*



## Protect Against Viruses

Students are more likely to contract viruses 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 sanitisation, hand washing programmes and daily surface cleaning and with air cleaning to remove 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.

## Support Sustainability

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

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

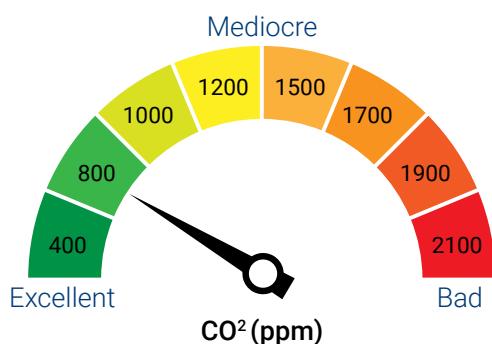


# Support Available

## Co<sup>2</sup> Guide

Checking CO<sup>2</sup> levels is a good way to spot if the air quality in a room is more or less likely to help spread viruses, which can then allow for action to be taken to reduce the risk.

Educational facilities across the UK have been able to check their levels using CO<sup>2</sup> monitors. Check your levels against this helpful guide.



**1500ppm+** = Poor Air Quality, Action Required

**Less than 800ppm** = Good Air Quality, No Action Required

(The Health and Safety Executive (HSE))



## UK Schools Support

To support the education sector, Education Secretary Nadhim Zahawi announced the UK Government would provide an additional 7,000 air cleaning units to early years, schools and colleges to improve ventilation in teaching spaces. This will help reduce the risks of transmission and support the over 350,000 CO<sup>2</sup> monitors which are in classrooms around England.

[CLICK HERE TO FIND OUT MORE](#)



## Scotland – Small Business Support

The Scottish Government have setup The Business Ventilation Fund, providing funding to help small and medium sized businesses improve their ventilation in a bid to reduce the spread of COVID-19.

Businesses can claim up to £2,500 per eligible premises to recover the costs of carrying out work to improve ventilation and air quality. The closing date for this support is 31st March 2022.

[CLICK HERE TO FIND OUT MORE](#)

# Introducing...

## AERAMAX PRO III

The perfect fit for most rooms.

The AeraMax Professional III is perfect for most rooms, providing up to 3 air changes every hour in rooms as large as 55m<sup>2</sup>. It's ideal for classrooms, offices, conference rooms, restrooms, waiting rooms and enclosed shared spaces.

Perfect For  
Classrooms



**CLICK TO BUY**

30 TO  
55m<sup>2</sup>

3 TO 5  
ACH



**Perfect For  
Large Spaces**



**CLICK TO BUY**

## AERAMAX PRO IV

**The right size for large spaces**

The AeraMax Professional IV is the largest of our commercial grade air purification systems and will deliver an air change every 20 minutes in rooms up to 110m<sup>2</sup>. 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.

# Tested Against Covid-19

## Removes over 99.99% of Covid-19<sup>†</sup>

In a recent test, Fellowes AeraMax Pro AM3 & AM4 air purifiers demonstrated to eliminate COVID-19<sup>†</sup>, using a combination of smart and integrated technologies – **only from Fellowes**.

<sup>†</sup>Fellowes AeraMax Pro AM3 & AM4 air purifiers demonstrated, through independent laboratory testing, to be effective in eliminating aerosolized concentration of SARS-CoV-2 by 99.9999% through a single air pass test of the purifier. In addition, AeraMax Pro air purifiers reached 99.99% airborne reduction of a surrogate Human Coronavirus 229E in a 20m<sup>3</sup> test chamber within 1 hour of operation in a separate test.

*"The AeraMax Pro AM3 and 4 air purifiers were evaluated in extreme laboratory operating conditions, certainly much more critical and difficult than the real environmental situation. This situation was purposely designed since it is necessary to test the effectiveness of similar sanitising devices in critical conditions to guarantee their effective performance. Despite the extreme conditions used, the Fellowes air purification technology was able to neutralise the airborne viral load."*

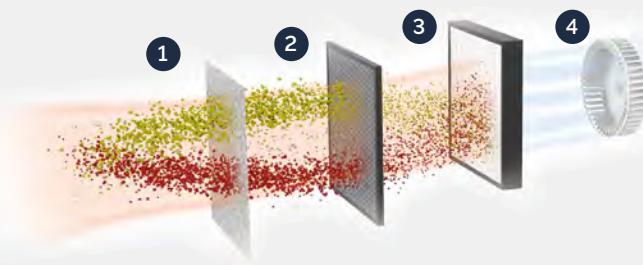
**Dr. Alberto Izzotti,**

Department of Experimental Medicine at University of Genoa, School of Medicine, where the Fellowes test was conducted



## Why Fellowes Air Purifiers? It Starts with Great Filtration

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



- 1 **Pre-Filter**  
Captures large particles
- 2 **Active Carbon Filter**  
Absorbs odours and Volatile Organic Compounds (VOCs)
- 3 **H13 True HEPA Filter**  
Captures at least 99.95% of particles as small as 0.1 microns
- 4 **PlasmaTrue™ Bipolar Ionizer**  
Improves capture efficiency



# 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 every day, Tiny Sprouts Early Childhood Center had a significant germ and odour 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 odour and germs.”*

**Emily Sousa,**  
Owner and Director

# How the AeraMax Pro works

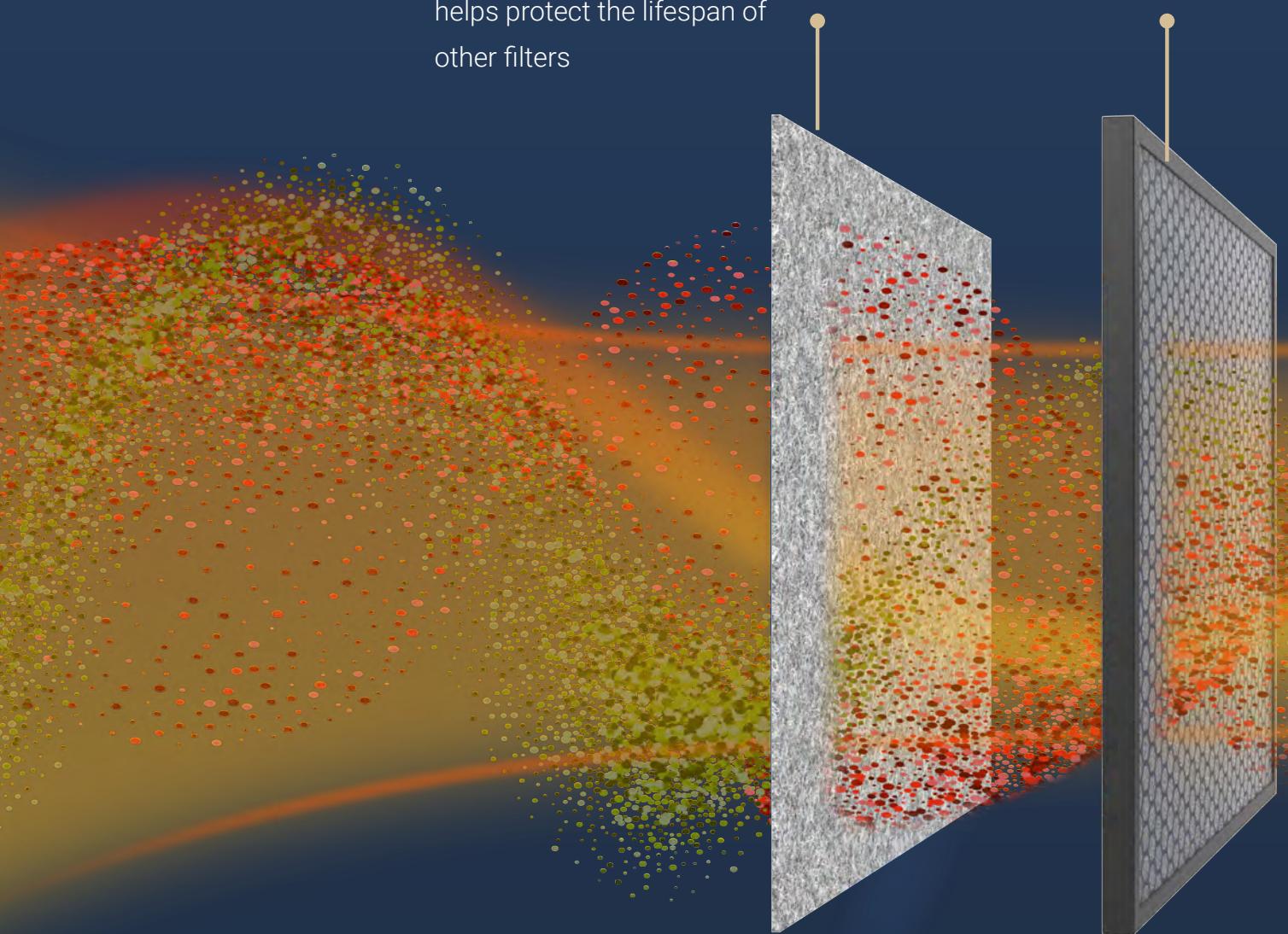
The AeraMax Professional four-stage filtration process uses the following proven methods to effectively clean the air.

1

The **pre-filter** captures large particles and contaminants and helps protect the lifespan of other filters

2

**Active Carbon** filtration adsorbs odours and VOCs from the air



# 3

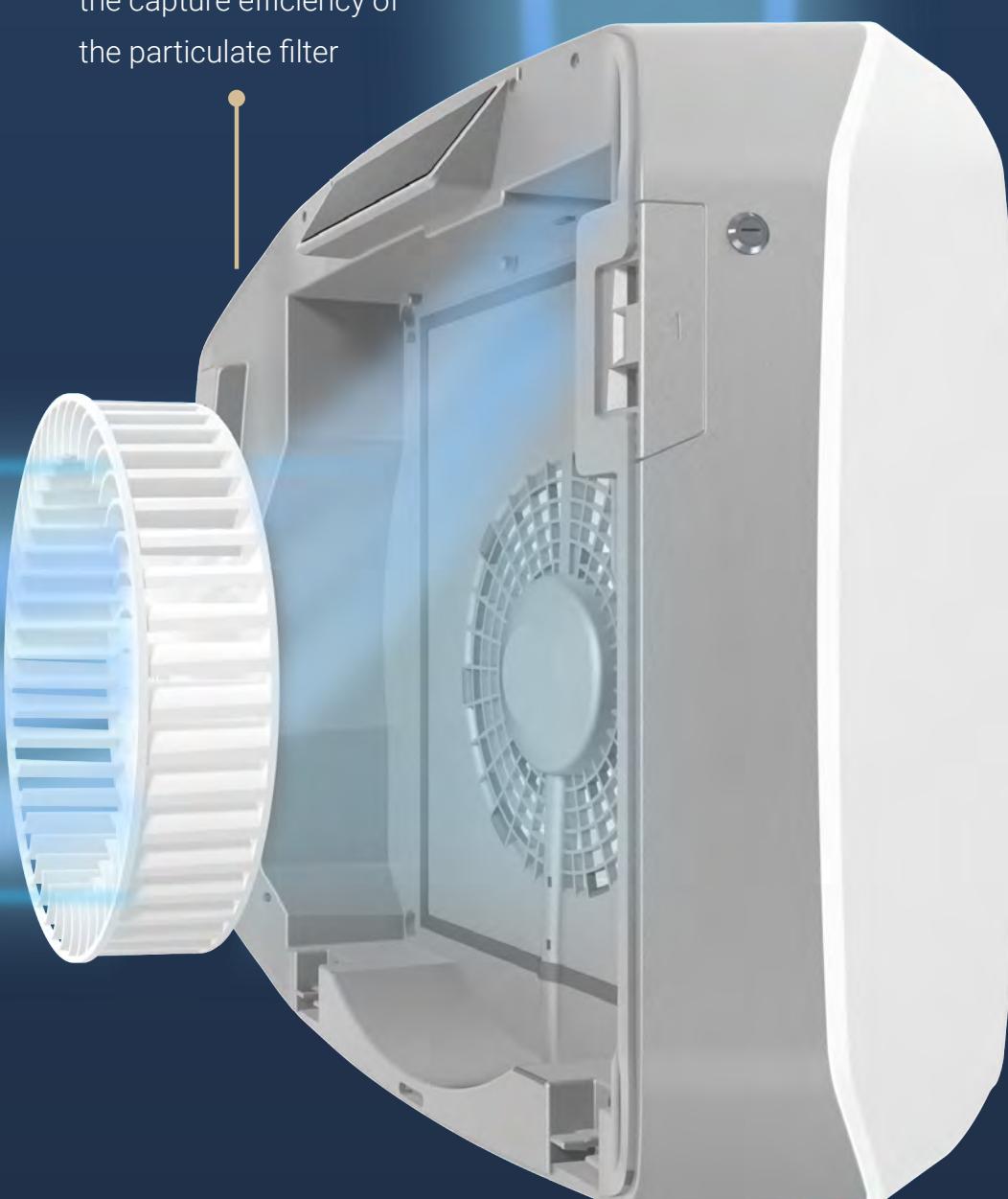
The **True HEPA filter** captures and traps **99.97%** of airborne particles\*

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



# 4

The **PlasmaTrue™ Bipolar Ioniser** improves the capture efficiency of the particulate filter



# Smart Patented, *Responsive Technology*



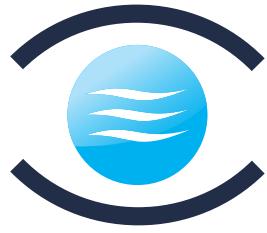
**Patented EnviroSmart™ Technology uses dual self-regulating laser sensors to measure sound, motion and air quality.**

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)





# PureView™

**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 exists 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/Odour levels and filter change reminders.

**Maximum peace of mind** for your facility users and **maximum visibility** for your facilities team.



# SPECIFICATIONS



AERAMAX PRO II

AERAMAX PRO III

AERAMAX PRO IV

AERAMAX PRO III

AERAMAX PRO IV

<b>Smart Technology</b>	EnviroSmart Technology	PureView Technology EnviroSmart Technology	PureView Technology EnviroSmart Technology	EnviroSmart Technology	EnviroSmart Technology
<b>Area Coverage</b>	15m <sup>2</sup> (5 ACH) 25m <sup>2</sup> (3 ACH)	30m <sup>2</sup> (5 ACH) 55m <sup>2</sup> (3 ACH)	65m <sup>2</sup> (5 ACH) 110m <sup>2</sup> (3 ACH)	30m <sup>2</sup> (5 ACH) 55m <sup>2</sup> (3 ACH)	65m <sup>2</sup> (5 ACH) 110m <sup>2</sup> (3 ACH)
<b>No. of Fan Speeds</b>	5	5	5	5	5
<b>Airflow (m<sup>3</sup>/hour)</b>	60, 73, 87, 109, 170	129, 158, 190, 238, 374	260, 316, 381, 476, 748	129, 158, 190, 238, 374	260, 316, 381, 476, 748
<b>Sound Pressure Levels (dB)</b>	45, 48, 51, 60, 64	38, 41, 48, 52, 67	42, 44, 51, 53, 68	38, 41, 48, 52, 67	42, 44, 51, 53, 68
<b>System Dimensions (HxWxD)</b>	566 x 348 x 102mm	499 x 531 x 228mm	499 x 881 x 228mm	499 x 531 x 228mm	499 x 881 x 228mm
<b>System Weight</b>	4.8kg	9.1kg	15.1kg	9.1kg	15.1kg
<b>Power Consumption (W)</b>	7, 10, 14, 40, 70	5, 8, 11, 21, 100	8, 12, 18, 35, 166	5, 8, 11, 21, 100	8, 12, 18, 35, 166
<b>Energy Star Certified</b>	Yes	Yes	Yes	Yes	Yes
<b>Power Requirements</b>	220-240v, 50/60Hz, 2A	220-240V, 50/60Hz, 0.9A	220-240V, 50/60Hz, 1.4A	220-240V, 50/60Hz, 0.9A	220-240V, 50/60Hz, 1.4A
<b>Electrical Safety Certification</b>	TUV, GS, CE	TUV, GS, CE	TUV, GS, CE	TUV, GS, CE	TUV, GS, CE
<b>Air Intake / Outlet</b>	Sides / Top	Bottom / Top	Bottom / Top	Bottom / Top	Bottom / Top
<b>Control Panel</b>	Capacitive Touch	Capacitive Touch & TFT LCD PureView Screen	Capacitive Touch & TFT LCD PureView Screen	Capacitive Touch	Capacitive Touch
<b>Housing Material</b>	UV Stabilised ABS	UV Stabilised ABS	UV Stabilised ABS	UV Stabilised ABS	UV Stabilised ABS
<b>Operating Temperature</b>	10°C-40°C	5°C-40°C	5°C-40°C	5°C-40°C	5°C-40°C
<b>Operating Humidity</b>	Up to 60% RH	Up to 60% RH	Up to 60% RH	Up to 60% RH	Up to 60% RH
<b>Warranty</b>	3 Year Limited	5 Year Limited	5 Year Limited	5 Year Limited	5 Year Limited

## CONFIGURATIONS

### Wall Mount

<b>Installation Method</b>	Wall mounted with plug	Wall mounted hard wired	Wall mounted hard wired	Wall mounted hard wired	Wall mounted hard wired
<b>Model Name Item code</b>	AM2 <a href="#">044873</a>	AM3 PC <a href="#">044878</a>	AM4 PC <a href="#">044879</a>	AM3 <a href="#">044874</a>	AM4 <a href="#">044875</a>

### Floor Stand

<b>Installation Method</b>	Floor Stand Accessory <a href="#">044883</a>	EU/UK Plug Type	EU/UK Plug Type	EU/UK Plug Type	EU/UK Plug Type
<b>Model Name Item code</b>	Recess Kit Accessory (Hard Wired Install) <a href="#">044884</a>	AM3S PC <a href="#">044880</a>	AM4S PC <a href="#">044881</a>	AM3S <a href="#">044876</a>	AM4S <a href="#">044877</a>

# FILTER SOLUTIONS



Filters for AeraMax AM3 & 4 Models	Standard Filter Configuration	Hybrid Filter	Full Carbon Filter (High Odour/VOC)	Pre-Filters
<b>Filter Type</b>	5mm Carbon Filter (w/pre-filter) 45mm True HEPA	50mm filter containing 50% Carbon & 50% True HEPA	50mm Carbon Filter (w/pre filter)	Replacement Pre-Filter
<b>HEPA Filter Media</b>	2.5m <sup>2</sup>	1.3m <sup>2</sup>	NA	NA
<b>Antimicrobial Treatment</b>	Yes (True HEPA)	Yes (True HEPA)	No	No
<b>Active Carbon Weight</b>	0.45kg	1.8kg	2.7kg	NA
<b>Estimated Filter Life</b>	Carbon: 6 Months True HEPA: 12 Months	12 Months	12 Months	6-12 Months
<b>Pack Size</b>	Carbon: 4 Pack True HEPA: 2 Pack	2 Pack (ships with pre-filters)	2 Pack	4 Pack



Filters for AeraMax AM2 Model	Standard Filter Configuration	Full True HEPA Filter	Full Carbon Filter (High Odour/VOC)	Pre-Filters
<b>Filter Type</b>	45mm filter containing 50% Carbon & 50% True HEPA	45mm True HEPA filter	45mm Carbon Filter	Replacement Pre-Filter
<b>HEPA Filter Media</b>	0.5m <sup>2</sup>	1.1m <sup>2</sup>	NA	NA
<b>Antimicrobial Treatment</b>	Yes (True HEPA)	Yes	No	No
<b>Active Carbon Weight</b>	340g	NA	680g	NA
<b>Estimated Filter Life</b>	12 Months	12 Months	12 Months	6-12 Months
<b>Pack Size</b>	1 Pack	1 Pack	1 Pack	4 Pack

**Fellowes**  
AIR PURIFIERS

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