

Certified to Prevent
Covid19 Air Pollution

PureAire



PureAire Systems Covid19 - Virus Prevention Air Cleaning Installed in Dentists, Surgeries & Wellness Clinics

PureAire Systems & Evergen

Evergen is the only company with solutions for cleaning indoor and outdoor air pollution and innovative technologies for treating commercial and Industrial pollutants and odours at source. Evergen PureAire systems are manufactured in the EU to ISO16890 the latest and highest International standard.

The traditional method for air cleaning uses paper filters which impede airflow and clog up and periodically need replacing. PureAire System is based on a technique for cleaning air which does not require filters.

Benefits

- > High efficiency cleaning 98-99% PMs
- > Low power consumption 150W -250W
- > Extremely low operating costs
- > No filters to that clog up and reduce efficiency
- > No filters to replace

Can treat 98.5% to 99.9% microorganisms such as:

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- > Covid 19 & SARS
- > Airborne bacteria, such as *Micrococcus luteu*
- > Yeast, such as *Rhodot*
- > *Bacillus Anthracis*
- > Molds and germs present in the natural spectrum of air

> **Monolite 510**



> **Monolite 330**



> **Prolife 170**



London 2020 - Case Study



Optimal Spinal Sport Dimension & back injury Clinics

Optimal Spine clinics founded by Dr. Mikael Petersen a well regarded physician in the field of Spinal care and injury.

There are clinics in Blackfriars in the City and in Croydon, South London. Since the pandemic, Dr. Petersen has invested in air hygiene and surface sanitization solutions to ensure his clinics provide the safest environments for staff and clients. "While we have installed screens and other measures to protect staff and patients and have a strict sanitization regime, I really wanted to be above the gold standard and offer much more protection and safety".

In summer of 2020 Dr. Petersen had suffered acute hay fever and was totally incapacitated. Recalling a previous meeting with Evergen he decided to try out the PureAire system units for his home. The results were remarkable as within a day, the swelling on his eyes had disappeared and he was soon able to get back to his clinics. So Dr. Petersen needed no convincing to install larger units in his clinics. Evergen's revolutionary PureAire system is proven, tested and Certified to not just capture, but destroy 99.5% of airborne pollen, bacteria and viruses. As Covid19 has been classified an airborne virus, the PureAire systems have been in huge demand. PureAire system has been tested and Certified by most major air hygiene institutes across Europe. "This is a great technology to have in our armoury against the Coronavirus" said Dr. Petersen. An important feature of PureAire system is that it does not use filters to clean air. It uses HV electric fields that not only trap but also destroy 99.5% of pollens, bacteria and viruses in the air.

Conclusion

Evergen's high efficiency PureAire System has achieved and maintained a huge reduction in PMs (particle pollution) as well as harmful gas pollutants. As PureAire system does not use filters to remove particles, this performance will be maintained for many months without any maintenance required.

An added feature of PureAire system is that it can capture and destroy 99.5% microfine organic particles down to a size of 100nm. An identifiable trait of Coronaviruses is the club-shaped spikes, resembling solar Coronas, that project from their cell membrane. The nucleocapsid of Coronaviruses has a helical shape, which is uncommon for positive-sense RNA viruses. The virion shape of Coronavirus is spherical, with an average size of 125 nm. So PureAire system will be effective in capturing and destroying Coronavirus.