Case Study Air Purification & Ventilation





Business & Tax Management Systems - Attorney's at Law

Business and Tax Management Systems (Sistema De Gestion Empresarial Y Tributaria SI) are a specialist law firm based in Valencia, Spain, focusing on Commercial, Civil and Family Right law.

Challenge

Considered an essential resource, providers of law services were advised to remain open for face-to-face consultations during the COVID19 pandemic lockdown in Valencia, Spain. This meant that customers and staff were potentially exposed to the virus every time a customer or staff member entered the building, putting not only office occupants at risk, but also their families at home.

Solution

In order to manage the risk of infection in the office during the pandemic, the firm contacted a local contractor who specified the Airius PureAir Designer Series, shown in independent tests to be up to 99.9% effective at neutralising COVID19, as well as being highly portable and adaptable to servicing those areas in greatest need. Following installation there have been no cases of COVID19 reported at the office.

Benefits

The effect of Airius PureAir Designer Series may not be visible, but the results are unmistakable:

- Constant round-the-clock protection
- 99.9% effective at neutralising COVID19
- Reduces or eliminates allergens
- Reassurance for both staff and customers
- Airborne & surface purification
- Easily portable for use in other rooms or take home
- Removes unpleasant natural and chemical odours
- Running costs approx. less than £25 per year

Case Study Air Purification, Infection & Odour Control



Results

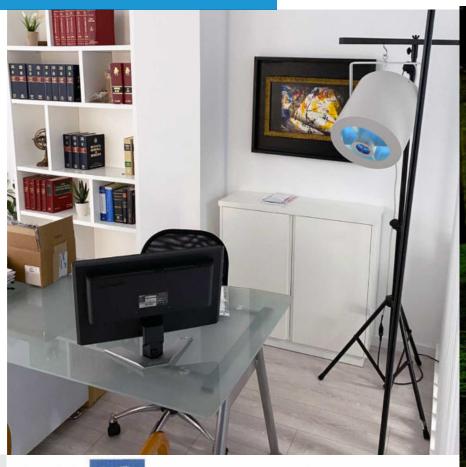
The staff and Attorney's working from the office in Valencia now feel far more reassured and confident that they are protected from infection of the COVID19 (SARS-CoV-2) virus. The air quality now also feels and smells much fresher and cleaner, which has been mentioned by multiple customers visiting the office.

The performance of the system has also been confirmed and verified by an independent contracting engineer using precision equipment, who found that nearly 100% of containments had been removed from the air.

Testimonial

"We commissioned an independent engineer to evaluate air quality in the office, who verified the purification effectiveness of the PureAir system as close to 100%."

Jose A. Romero
- Associate Attorney





JOSE ANTONIO ROMERO FABRA

Lawyer of the Valencia Bar Association, collegiate number 3,078 for the appropriate legal purposes

CERTIFIES

That on March 10th, 2020 and given that we were considered an essential service and should continue to provide legal advice in our professional office located at Calle Joaquin Costa, 51-2ª of Valencia, most of the time in person, as essential for its proper development, we installed the AIRIUS PUREAIR system, a new technology apparatus consisting of an air purifier with an axial turbine and photohydroionization.

The system uses UV light projected on to noble metals to generate "ionized hydroperoxides" which deactivate DNA and RNA in microorganisms, viruses and bacteria rendering them inert and safe, whilst also eliminating unpleasant odours. All this without risk to people's health.

Since we installed the PureAir system in our office we have not had any contagion of COVID from customers or the colleagues who share the office, despite having passed a large number of people through the office in that time.

We also commissioned an independent engineer to evaluate air quality in the office, who verified the purification effectiveness of the PureAir system as close to 100%."

Jose A. Romeio Fabrio
Abayado
Colegidad nº3078
En Valencia a 27 de abril de 2021

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PureAir Technology Explained

How does the PureAir Series PHI Cell kill bacteria and viruses in the air and on surfaces?

The PureAir Photohydrolonisation (PHI) Cell is a kind of UV light that emits advanced oxidation plasma. Included as part of a fan system, the PHI cell distributes hydro-peroxides, super-oxide ions and hydroxide ions throughout the space, neutralising 99% of micro-organisms in the air and on surfaces.

PHI cells produce a group of oxidants known as hydro-peroxides. Far from new to our world, hydro-peroxides have been around for 3.5 billion years – and today they are commonly used in food processing environments, where they offer an anti-microbial treatment without leaving chemical residues.

Benefits of PureAir PHI Technology

Choosing an Airius PureAir PHI Series destratification fan with its integrated PHI Cell is a simple way to reduce bacteria, viruses and odours in your environment.

- Continuous purification of air and surfaces
- Easy to install in any environment
- Kills up to 99%+ of bacteria, germs and viruses
- Reduces gases, vapours and VOCs by up to 99%
- Reduces odours by up to 72%



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ble studies have been conducted on Airius PureAir Series PHI Cell technology and they are approved for use to control airborne and surface-based bacteria, viruses, smoke and odours.

- Approved by the USDA and FSIS for use in food processing plants
- US military approved for use in field hospitals
- Chinese government approved for use in controlling the SARS virus
- Testing carried out by:

Kansas State University

Midwest Research Institute

NELAP Accredited Independent Labs - The NELAC Institute

California Microbiology Center

IBR Laboratories

University of Florida

United States Air Force

R&D Labs

University of Cincinnati

Kane Regional Hospital

FEMA

NFI-Chinese Government.

Contact Airius

Airius fans are commonly used to purify air and balance temperatures for both heating and cooling applications in a wide variety of environments – from homes to warehouses.

Adding an Airius PureAir Series air purification, infection and odour control ventilation fan is a simple way to continually clean the air, creating a safer and healthier environment for your facility.

Contact Airius to learn more >>