



Airius PureAir: Asthma & Allergy Protection

Eoin Barrett - Dublin, Ireland

Following his son's recent Asthma diagnosis, Health Care worker Eoin and his family sought a solution to help improve their indoor air quality at home and provide protection against COVID19.

Challenge

Keeping families safe has been the most important challenge for parents during the COVID19 pandemic, but when Eoin and his family were told by Doctors that their son had been diagnosed with Asthma, the quality of their indoor air at home became even more of a concern. Breathing had become difficult for their son and they even had to keep their pet dog outside due to pet dander in the air.

Solution

In an effort to try and improve their home air quality and provide their son with clean, unpolluted air, Eoin researched a wide range of air purification systems. He discovered the Airius PureAir System and after reviewing the many benefits and accreditations from world leading organisations he contacted his local supplier, Ermen Systems, who made immediate arrangements for installation.

Benefits

The effect of the Airius PureAir Home Series may be invisible, but the results speak for themselves:

- Son is now able to breath much more easily
- Airborne & surface sterilisation
- Layers all surfaces with a protective shield
- Dramatic reduction in odours and VOCs
- *Eoin's Health Care Role means he has been exposed to COVID19, but family & home is protected by PureAir*
- Provides continuous 24/7 purification
- 99.9% effective at neutralising COVID19
- Reduction in allergens has benefited all the family
- Family pet dog is now able to re-enter the home

Case Study

Air Purification, Infection & Odour Control



Results

Since installation of the PureAir Home System their son's breathing problems have been significantly reduced, so much so that they can now let the family dog back in the house, where previously fur and dander had been a problem. The removal of allergens, odours and VOCs have also benefited the family as a whole, whilst the protection against COVID19 offers an extra level of reassurance and protection, especially important as Eoin's position in Health Care means he is exposed to the SARS-CoV-2 virus.

Testimonial

"We installed the Airius PureAir in our home after discovering our young son had asthma. This was especially worrying as he was diagnosed in such worrying times. While researching measures to protect my son I discovered the Airius PureAir and contacted Ermen Systems immediately.

Since the installation of this solution, we have been able to allow our pet dog re-enter the home as our son's breathing has improved dramatically and we as a family feel much safer and secure in our home."

Eoin Barrett - Home Owner



PureAir Technology Explained

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

The PureAir Photohydrolysis (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%



Case Study

Air Purification & Ventilation

Tested and Approved by Leading Agencies



Multiple studies have been conducted on Airius PureAir Series PHI Cell technology and they are widely 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
 - NEI-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 >>