

Case Study

Home Air Purification & Ventilation



PureAir Home: 24/7 Protection for your Family & Home

Natalie Spencer - Fordingbridge, Dorset

Natalie Spencer contacted Airius to provide air purification which would offer protection for her family of 3 children, who suffer with periodical health conditions that make them vulnerable to COVID19.

Challenge

Mother to 3 children, Natalie Spencer and her husband live in a 4 bedroom, 2 storey house located in Fordingbridge, Dorset. Natalie had been researching home air purification systems in response to the Coronavirus Pandemic, in order to provide the reassurance she needed in relation to safeguarding the health and well being of her family.

Following a referral from a friend she was directed to the Airius PureAir Home system and called for a free survey and estimate.

Solution

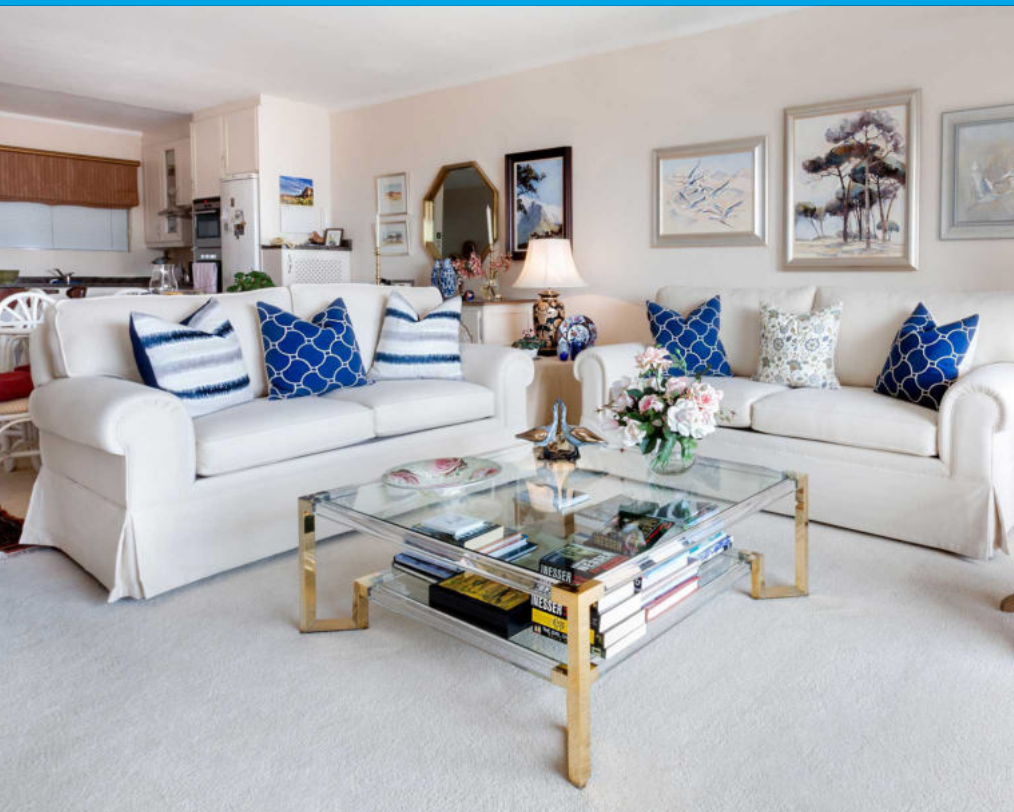
Installation was arranged for the following Saturday and Natalie was impressed with the friendly and professional service she received from the Airius installation team.

Following their installation the PureAir Home system now gives Natalie peace of mind that her family are safe in a 99% virus free environment, reassured by the improvement in air quality and the new fresh smell throughout their home, meanwhile old problem odours have now disappeared.

Results

The effect of Airius PureAir Home Series may be invisible, but the results are unmissable:

- Continuous 24/7 protection
- Significantly improved ventilation
- Old problem odours removed
- Airborne & surface purification
- Removed mould, damp & condensation problems
- Significant reduction in allergy symptoms



PureAir Technology Explained

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

The PureAir PhotoHydroIonisation (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, superoxide 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 hydroperoxides. Far from new to our world, hydroperoxides 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 Technology

Choosing an Airius PureAir Home Series system is a simple, cost effective way to reduce bacteria, viruses and odours in your home.

- Continuous air purification cleaning air and surfaces
- Easy to install
- Kills over 99% of bacteria and viruses
- Reduces odours by over 99%
- Reduces gases, vapours and VOCs by over 80%
- Kills 99% of microbes in a human sneeze within 3 feet



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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, FSIS and FDA 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 Home 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 you, your family and your home.

Contact Airius to learn more >>