



## Gym, Fitness & Sports Centre Purification Systems

**energie  
fitness**

### Energie Fitness - Wokingham

Energie Fitness are a cutting edge health and fitness club network, incorporating the latest in gym equipment and technology to provide members with the most advanced tools to achieve their goals.

### Challenge

Gym environments, where groups of people are in close proximity, equipment is shared between numerous people and heavy breathing takes place as a result of aerobic exercise, present a high-risk environment for the transmission of COVID19. In order to ensure the safety of their members and staff Energie Fitness turned to Airius and the PureAir air and surface purification solution.

### Solution

After an initial consultation with the Airius design team a series of PureAir units were specified for the facility, accompanied by a series of standard Airius destratification fans. This widened the stand-alone coverage of the PureAir units by using additional fans to circulate the PureAir's active cleaning agents throughout the Gym space. Speed controllers were also included to control airflow speed.

### Benefits

Energie Fitness have been extremely impressed with the results from their new PureAir system:

- Sterilises the air and all surfaces in the space
- Neutralises up to 99%+ of all germs & viruses
- Reduces or eliminates unpleasant odours
- Provides reassurance to customers & staff
- Provides constant round-the-clock protection
- Up to 99.9% effective at neutralising COVID19
- Airflow dries machines of perspiration rapidly
- Improves comfort levels and reduces HVAC costs

# Case Study

## Air Purification, Infection & Odour Control

“Energie Fitness Wokingham opened it's doors this year in a climate where cleanliness and hygiene was paramount. Since then, members have been highly impressed with the additional care that has gone into ensuring our gym puts their safety first.

We believe this is, in large part, down to the installation of the Airius PureAir system. This feature is a unique selling point in attracting members and a key driver in retaining those we have. Our satisfied and loyal customers frequently comment on how fresh the air is inside the gym and how safe they feel during each visit.”

**Anthony Cromack (Owner)**  
Energie Fitness Wokingham



## Results

Following the reopening of fitness facilities in April, 2021, members have been able to return to the Gym at Energie Fitness reassured in the protection provided by the Airius PureAir system, not only from COVID19, but from all types of communicable pathogens and viruses. Previous problem odours commonly associated with training and fitness facilities have also now been removed, replaced by clean, fresh, odour free air. In addition, the improved airflow and destratification benefits of the Airius system works to optimise existing heating and cooling systems, ensuring balanced conditions throughout without hot and cold spots, whilst reducing HVAC energy consumption by up to 50%.

## Website Statement - [www.energiefitness.com/wokingham](http://www.energiefitness.com/wokingham)

### **PROTECT & CLEAN**

We have a comprehensive health, safety and cleaning plan. We will undergo full sanitisation before opening. A detailed regular and deep cleaning regime has already been established, including the use of Electrostatic Sprayers which are making headlines and becoming the new standard in infection control.

Our air purification system has been designed with PHI cell technology to significantly improve indoor air quality, reducing viruses, bacteria, gases, and odours by up to 99.9%. We will be providing all our staff with personal protective equipment, including face masks, and we will be providing hand sanitiser readily available throughout the facility.

**JOIN NOW**







## PureAir Technology Explained

### **How does the PureAir Series PHI neutralise 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 up to 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
- Neutralises 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 >>**