



# AirPure Control Systems



The **World's 1<sup>st</sup>** Anti-Negative  
Pathogen HVAC System

# AirPure

## Control Systems

to filter out any airborne  
pathogens like the flu,  
coronavirus, rhinovirus,  
fungal, bacterial,  
and more.



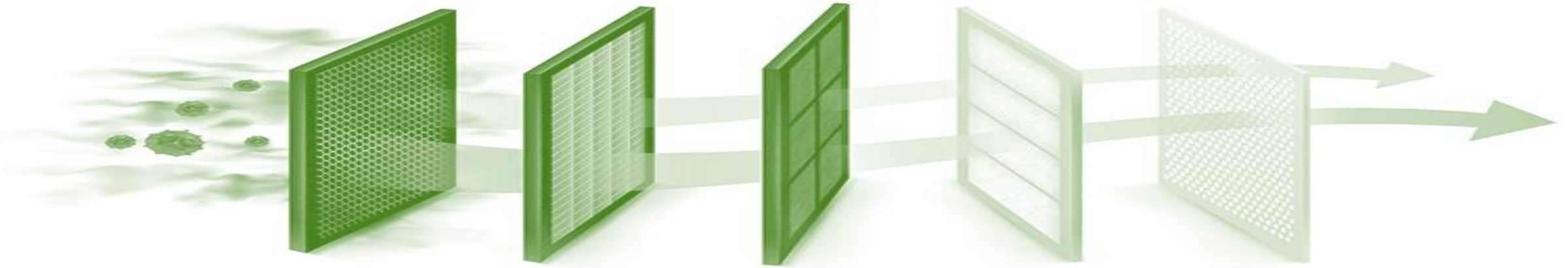
# Foundation of AirPure

AirPure Control Systems was founded in 2020 to meet the challenge of providing a cost-effective solution to reduce the microbial load in commercial spaces, particularly to address the COVID-19 pandemic.

The AirPure Control Systems HVAC system was born out of the need to help fight the COVID-19 pandemic. Early on it was recognized that COVID was airborne and was spreading very quickly in interior spaces.

At AirPure we designed our ducted system to make the indoors much healthier. The key is to greatly reduce the viral load in the interior space, approaching what you would find outdoors.





The AirPure system is designed to drastically reduce viral loads for all airborne pathogens, which will lower rates of transmission.

Our system works by precision managing air flows, sterilizing the return air, filtering the entire flow, and efficiently introducing fresh air to dilute the recycled stream.

Our system is far more efficient than standard HVAC systems, employing state-of-the-art controls and air quality monitoring technology. In addition, data logging and real-time condition monitoring options are available for record-keeping and ensuring optimal performance.

# About AirPure

# AirPure Models



We have two basic models, new and retrofit.

For new installations, our team can design and install systems for almost any interior space, custom fitting your structures.

For those with existing ducted systems, we can retrofit most in-place systems to achieve that improved air quality needed to keep today's spaces healthy.

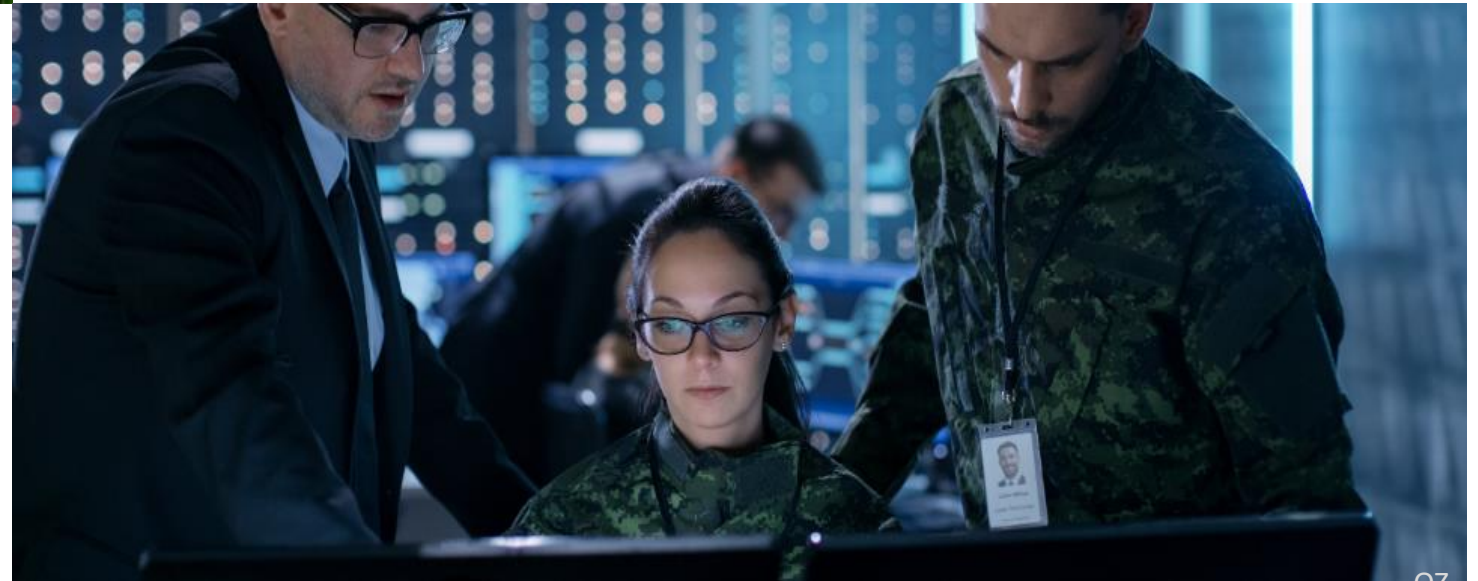
# Application of AirPure

## Military

Keeping our troops in battle-ready condition is a special goal of AirPure Control Systems. Fixed installations at bases, barracks, hangars, and maintenance facilities, as well as our mobile systems for forwarding deployed field command centers, hospitals, and more are right in our wheelhouse.

## Municipal

Town Halls, meeting rooms, open offices, and call centers are all well suited to our patented system.



## Healthcare

Hospitals, retirement homes, rehab centers, medical offices, and assisted living facilities are on the front lines of infection.



## Educational

Classrooms, lecture halls, auditoriums, and cafeterias are all perfect for the AirPure system. Helping keep students, as well as educational staff, healthy and in the classroom is paramount at AirPure.



## Commercial

Our system is easily employed in restaurants, event halls, offices, theaters, bars, warehouses, and manufacturing facilities. Solutions for new and existing systems are available.



# AirPure Testimonials

Historic Events and Banquets, CT's largest LGBTQ+ owned, venue in Manchester, CT, is where the world's first-ever model of the AirPure System is installed and operating. This has directly impacted the rate at which they have been able to sell their events.



“We love having AirPure in your venue as it provides a sense of safety during the pandemic. It allows our brides and grooms to enjoy their night knowing the air they are breathing is as clean as possible. Having AirPure allows us to remain open during the pandemic which brings a sense of “normalcy” for our couples.”

- Drew M. Angelo  
Owner and Operations Manager of  
Historic Events & Banquets

“I feel so safe having our wedding here next year. We really don't know how much longer this pandemic will last and it's so great to know that our closest friends and family will be as safe as possible during our celebration.”

- Phoenix Hoang  
Booked Bride





Master's degree from the University of Connecticut, holds three degrees in engineering (Chemical, Materials, Metallurgy Engineering) and one in a foreign language.

He holds multiple patents in coatings, sensing, and HVAC design.

Authored numerous scientific publications and presented at professional conferences.

**Peter Bonzani Jr.** is a recognized leader in the fields of both engineering and adaptive reuse. He is a well-regarded subject matter expert in thermal spray coatings, particularly for the aerospace industry. In the field of adaptive reuse, Mr. Bonzani has overseen planning and operations for multiple historic renovation projects, has extensive experience with Historic Tax Credits, financing, leasing, building systems, restoration, building codes, and environmental compliance.

Mr. Bonzani brings his extensive engineering, aerospace, and commercial construction/building systems backgrounds together, culminating in a groundbreaking HVAC solution to reduce the microbial load in interior spaces, with the added benefit of being more energy-efficient than conventional systems.