CLEAN AIR SYSTEM

Big Ass Fans' full-service air disinfection solution kills up to 99.99% of airborne pathogens throughout your space.







KILLS 99.99% OF SARS-COV-2 (CAUSES COVID-19)

The world leader in airflow innovation, Big Ass Fans reaches new heights with the industry's most effective air disinfection solution—Clean Air System. With expert fan designs and proprietary technology, Clean Air System has been verified through independent laboratory testing to kill 99.99% of SARS-CoV-2 (causes COVID-19) and other airborne pathogens and safely neutralizes allergens, odors, and fumes.

Using the products and technology best suited for your unique space, our experts will develop a custom solution to make your air clean and comfortable, then provide premium services to keep your system in prime condition year after year.

KEY BENEFITS

- Protect your people by killing airborne viruses and bacteria
- Safely neutralize allergens, odors, and fumes
- Improve air quality and work conditions over wide coverage areas
- Enjoy a range of convenient controls and available automation
- Rely on Big Ass Fans to design and maintain a custom solution
- Get up and running quickly with factorycertified install and commissioning



POWERFUL AIRFLOW

Our world-class products offer unparalleled airflow—the key to disinfecting the air your people breathe and delivering it right where they need it.



PROVEN TECHNOLOGY

Seamless integration of ion and UV-C technology--both scientifically proven to kill airborne pathogens-into our industry-leading products makes these disinfection methods more practical and effective than ever before.



UNMATCHED EXPERTISE

Choose the winning team. With our custom solutions, factory-certified installation, and expert in-field servicing, you'll keep your people protected for the long haul.

POWERFUL AIRFLOW

Big Ass Fans has mastered the science of airflow with purpose-built products that deliver unparalleled performance. Now our world-class overhead and directional fans work with Clean Air System to create safer, healthier conditions throughout your space.



POWERFOIL X3.0 AND POWERFOIL D WITH ION TECHNOLOGY

Big Ass Fans' signature industrial ceiling fans offer unrivaled airflow and efficiency, transforming the way you do business with comfort and savings. Equipped with integrated ion technology, our flagship Powerfoil models deliver healthier air and cleaner surfaces to your people no matter how large the space.

- Diameter options from 8 to 24 feet (2.4 to 7.3 meters)
- Industry-leading safety features and durability

AIREYE WITH ION TECHNOLOGY

Our most versatile and advanced directional fan, AirEye with Ion Technology delivers precise directional airflow to attack viruses, bacteria, and other contaminants directly where your people breathe and on the surfaces that they touch.

- * Diameter options of 20, 24, and 30 inches (51, 61, and 76 cm)
- Wide range of available controls and mounting options

HAIKU WITH UV-C

The epitome of sophistication, Haiku now offers a seamlessly integrated UV-C fixture to deliver healthier, more comfortable conditions with style and innovation.

- Diameter options of 52, 60, and 84 inches (132, 152, and 213 cm)
- Variety of finish options, automated controls, and smart home integrations





Clean Air System is the only solution that incorporates both ion and ultraviolet (UV-C) technologies and is proven to kill up to 99.99% of airborne pathogens.

ION TECHNOLOGY



¹Our products are listed and labeled to UL 2998 in accordance with ASHRAE Standard 62.1-2019 Section 5.7.1.

More Ions, More Disinfection

Clean Air System's certified ozone-free ionizers generate tens of thousands of ions per second, safely eliminating airborne and surface pathogens and resulting in fresher, cleaner conditions. The ionizers' precise integration allows for maximum ion production and delivery throughout your space.

Distributed by Airflow

Our fans' airflow amplifies not only the number of ions that are generated but also their effective coverage areas. Aside from disinfecting air and surfaces, our fans' airflow improves occupant comfort, HVAC efficiency, and energy savings, providing real benefits for business owners.

Kill Viruses Where People Breathe

An ion's lifetime is only about 30 seconds, so it's essential that ions be delivered to the air your people breathe and the surfaces that they touch. Rather than concealing ionizers within ductwork, Big Ass Fans integrates ionizers into our fans to distribute ions directly to your people.

Hospital-Grade Kill Rate

Clean Air System delivers more ions and 25 times more airflow directly to occupied spaces for faster, more effective



Quick Air Disinfection Facts

"For effective interruption of transmission, air disinfection has to occur in the same room where transmission is occurring."

IES Committee Report, IES CR-2-20-V1

UV-C TECHNOLOGY



Verified by Third-Party Testing

Independently tested and proven to achieve a 99.9% microbial reduction, Clean Air System's UV-C technology dramatically lowers the risk of infection for all airborne pathogens. Our airflow experts apply scientific modeling of airborne infection to show you how our powerful air disinfection will provide cleaner, safer conditions for your business.

"The number of UV fixtures, use of mixing fan, and air exchange rate significantly affected UV effectiveness."

Environ Health Perspect., PMCID: PMC1240698

"Upper-air GUV is the safest, most effective application of UV-C."

IES Committee Report: Germicidal Ultraviolet (GUV)

- Airflow creates active and continuous disinfection that fights new pathogens immediately when they enter the space through coughing, sneezing, or talking.
- Ion and UV-C technology have both been safe, successful air disinfection methods for more than 70 years.

RISK OF INFECTION FROM AN INFECTED PERSON IN YOUR SPACE







Clean Air System takes Big Ass Fans' dedicated customer support and in-field services to a whole new level with custom specification, factorycertified install and commissioning, and ongoing preventive maintenance.



Custom Specification with SpecLab®

Only Big Ass Fans has the tools and expertise to show you exactly how our products will transform air quality and comfort for your people. Our experts will complete a custom 3D airflow analysis of your space using our patented SpecLab software, a unique service backed by real airflow data from our state-of-the-art research lab.

Certified Installation and Commissioning

Our factory-certified installers are licensed HVAC specialists who ensure your system is installed correctly and with minimal facility downtime. With air disinfection technology that's fully commissioned by Big Ass Fans, you can focus on your business's success with the peace of mind that your system's performance is validated by the industry leader.

Calibration and Service

Clean Air System includes annual preventive maintenance and expert service to guarantee its effective, long-lasting operation and help you create a safe, comfortable, and worry-free environment. Need a replacement fixture or adjustment? We've got you covered.



KILL VIRUSES AND BREATHE EASIER

Contact our airflow experts to create a custom solution that delivers safer, more comfortable conditions with Clean Air System.



George Town, Grand Cayman info@althompson.com | 345-949-8622