



Clean Air Solutions for Hotels



MYTH:

HAND SANITIZER STOPS COLDS & FLU



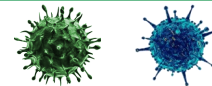
USING HAND SANITIZER CAN HELP STOP THE
SPREAD OF ILLNESS THAT IS PASSED
THROUGH PHYSICAL CONTACT,

----- HOWEVER -----

IT DOES VERY LITTLE ON ITS OWN FOR THE
SPREAD OF AIRBORNE ILLNESSES LIKE THE
COLD & FLU.

TRUTH:

CLEANING THE AIR STOPS COLDS & FLU



THE COMMON COLD AND FLU VIRUSES ARE PASSED
FROM HUMAN TO HUMAN THROUGH AIRBORNE
EXPOSURE TO DROPLET NUCLEI. SPENDING LONG
PERIODS OF TIME AROUND OTHERS IN CONFINED
SPACES (IE. AT SCHOOL) INCREASES YOUR CHANCES
OF INFECTION.

AN AIR PURIFIER USING UV-C LIGHT REMOVES
DROPLET NUCLEI & THE GERMS / VIRUSES THEY
CONTAIN FROM THE AIR BEFORE YOU BREATHE IT.

THE FACTS



"68% of Human Diseases are Related to Indoor Air Pollution"

**COUGHING, SNEEZING & EVEN TALKING CAN
SPREAD GERMS UP TO 160 FT.**

&

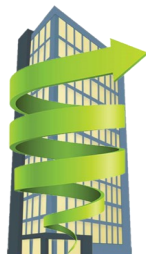
**AS HIGH AS 10 STORIES
THROUGH THE HVAC SYSTEMS
IN HOTEL BUILDINGS**

HOW FAR DO AIRBORNE PATHOGENS TRAVEL

	Large Particulate "up to"	Droplet Nuclei "up to"
SNEEZING	15 ft.	160 ft.
COUGHING	5 ft.	160 ft.
TALKING	3 ft.	160 ft.

Air Quality in hotels and their rooms is becoming a major concern for staff and hotel guests alike. Guests will not usually complain about a stuffy environment or a room that exacerbates any allergies they may have, but they are unlikely to return or recommend your hotel to others.

THE CAUSE



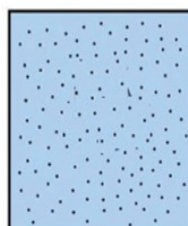
HVAC systems in hotels share air return ductwork between numerous rooms and actually assist in the spread of Droplet Nuclei (airborne vapor which carry viruses, germs & bacteria), odors, dust, allergens, chemicals, etc. Due to this fact, 1 sick guest can actually infect multiple guests and staff during their stay without ever having any physical contact with others.

- Outdoor pollutants brought indoors by HVAC Systems.
- Chemicals from cleaners used to clean rooms and bedding.
- Bacteria, Germs & Mold Spores which build up in HVAC systems over time & are released each time heat or AC is run in a room, lobby or conference facility.
- Pathogens left behind from the thousands of guests a hotel accommodates.

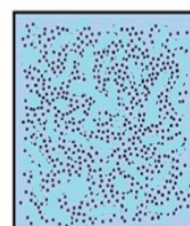
JUST ONE HOUR OF BREATHING may expose you to this number of airborne particulates on an average day.



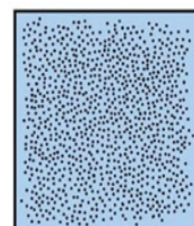
HOSPITAL
OPERATING ROOM
<75,000



WALK-IN CLINIC
<3,500,000



HOTEL LOBBY
(average day)
<10,000,000



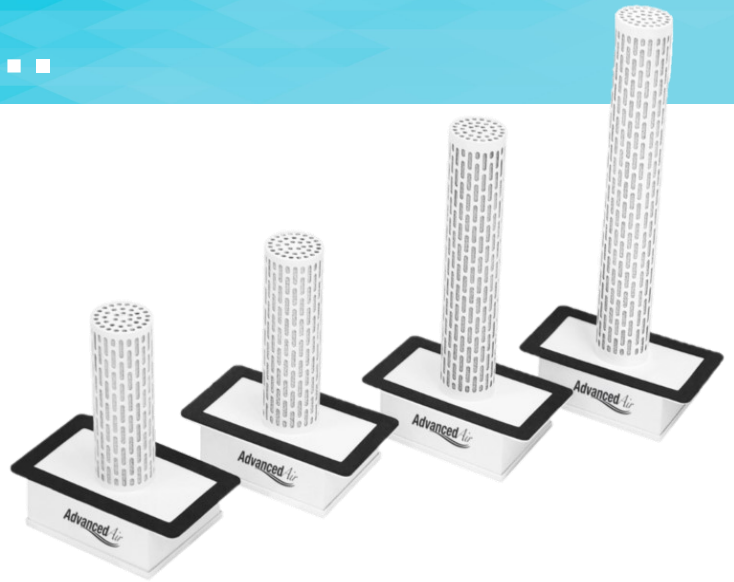
HOTEL ROOM
(average day)
<20,000,000

THE SOLUTION....



WHY CHOOSE ADVANCED AIR?

- Advanced Air In Duct Environmental Systems are a perfect solution for hotel applications of any size.
- Advanced Air In Duct Environmental Systems (IDES) are easily installed into the buildings existing HVAC system.
- The IDES does not create noise and is out of sight; which makes it perfect for hotel settings.
- Advanced Air IDES's service much larger areas than any portable air purifier is capable of handling; which results in top quality results at a fraction of the cost.
- With 4 different sizes, engineered and designed to fit HVAC systems as small as 1 ton and as large as 30 tons; Advanced Air IDES's are capable of servicing areas between 500ft² and 13,000ft² with a single unit.

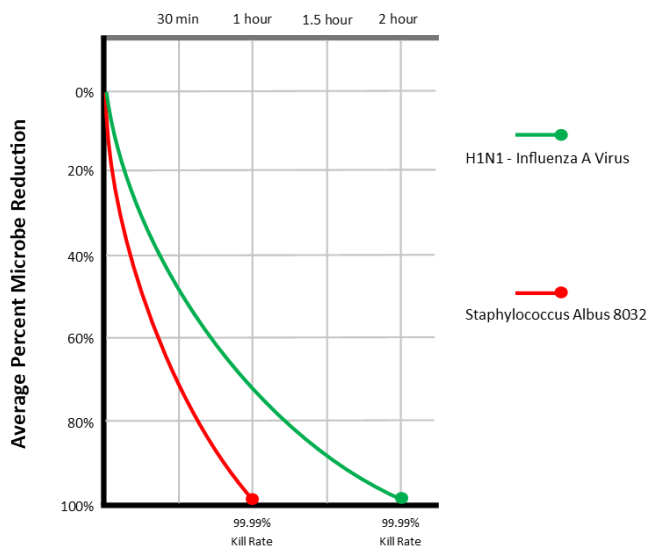


BENEFITS

- Our exclusive Advanced Air Technology™ destroys over 99% of airborne contaminants.
- In the air, our Advanced Air Technology™ uses a nature-based process to safely remove allergy and asthma triggering contaminants by killing pathogens such as viruses, germs, bacteria, mold and decomposing harmful VOC's, chemicals and gases; as well as significantly reducing allergens, odors and smoke. Creating a cleaner and safer indoor environment.
- Greatly reduces allergens, odors, viruses, germs, bacteria, mold, VOC's, harmful chemicals and gases.

Reduction of Airborne Contaminants

Testing conducted by Gmicro Testing Center of Microbiology



Time is the length of time to achieve 99.99% kill rate after exposure to the Advanced Air Technology™.

Advanced Air In-Duct Environmental Systems Inactivate & Decompose Pollutants down to 0.001 microns

PATHOGENS



Viruses, Germs, Bacteria, Mold Spores & Other Microorganisms.

VOC's



Chemicals & Gases which are potentially harmful and can cause health risks. Including: formaldehyde, benzene, toluene, exhaust fumes, carbon monoxide, nitrous oxide, hydrocarbons and many others.

ALLERGENS



Allergens which especially affect asthma and allergy sufferers. Including: pollen, dust mites and their droppings, pet dander, etc.

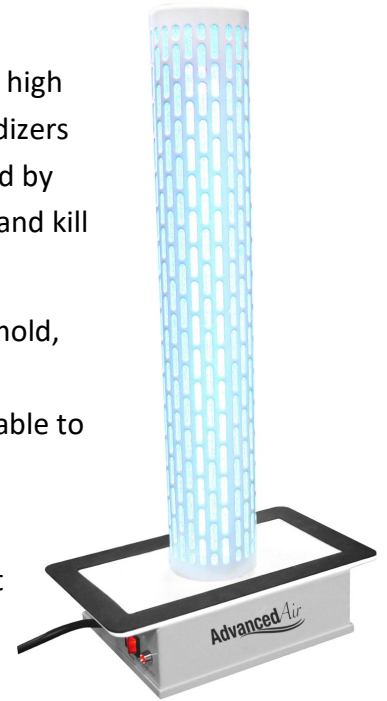
ODORS



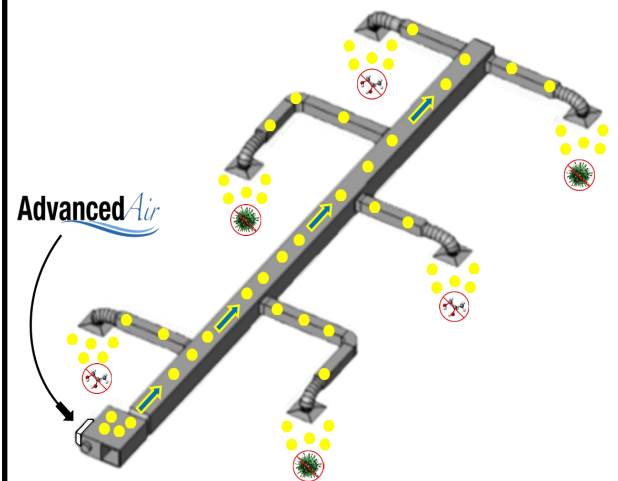
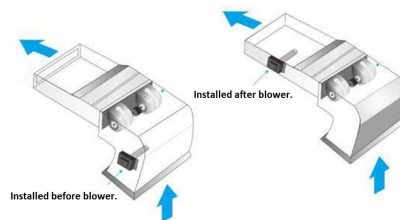
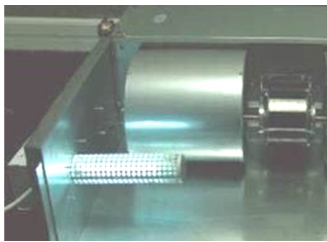
Odors from various sources including cigarettes, chemicals, food, etc.

HOW IT WORKS

- Our exclusive Advanced Air Technology™ uses a unique wide-wavelength photon of high intensity UVC light, and a catalytic process to produce advanced purifying super oxidizers which are effective and safe. These highly reactive oxidizing molecules are propelled by the existing HVAC system and distributed throughout the building where they seek and kill pathogens as well as decompose harmful pollutants both in the air and on surfaces.
- These advanced purifying super oxidizers seek and kill bioaerosols such as viruses, mold, bacteria, and allergens found in the air and on surfaces by disrupting the organisms surface proteins and penetrating the cell walls; rendering the organism inactive (unable to replicate itself / dead).
- The advanced purifying super oxidizers created by our Advanced Air Technology™ seek and attach to airborne VOC's, chemical and gaseous pollutants, breaking apart their chemical bonds and turning them into harmless substances such as water and carbon dioxide molecules.



1. Production: The Advanced Air IDES - 6500 shown here, can be installed either before or after the existing HVAC systems blower; or at any point along the supply air duct system. Using Advanced Air Technology™, advanced purifying super oxidizers are created.



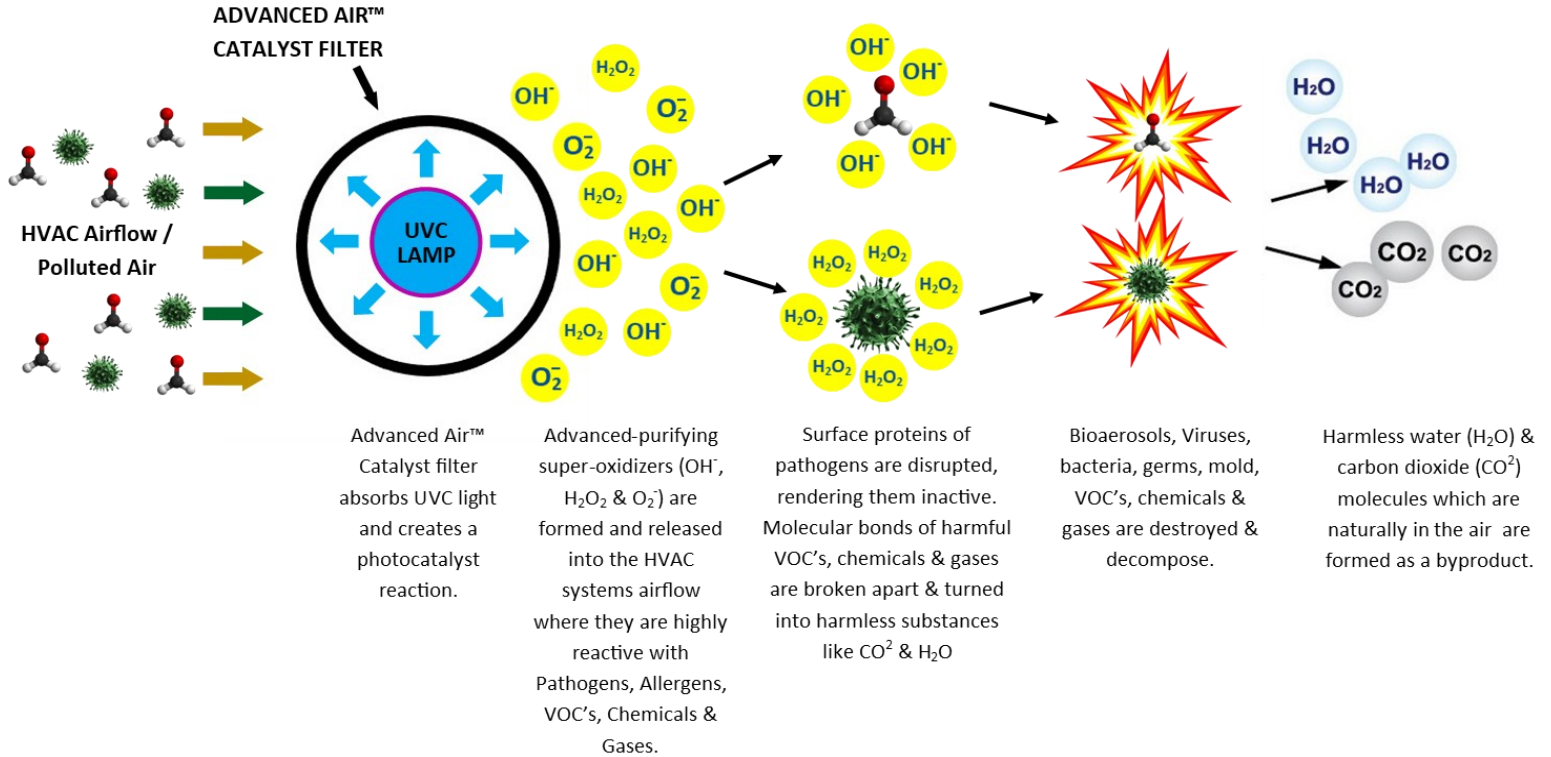
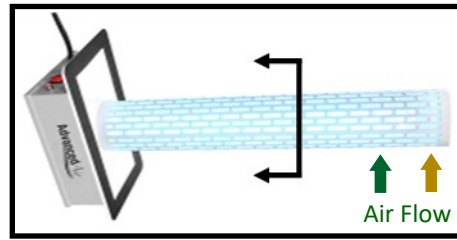
2. Distribution: Using the existing HVAC systems airflow, super oxidizers created by the Advanced Air system are delivered via the supply air ducts to every room in the home, office or building which the HVAC system supplies.



3. Results: Advanced-purifying super-oxidizers are released into the air via the existing HVAC systems supply air ducts and vents. These super oxidizers seek and destroy harmful indoor air pollutants including viruses, germs, bacteria, VOC's, chemicals, gases, allergens, odors, and many more pollutants.

ADVANCED AIR TECHNOLOGY™

Cross Section:



SPECIFICATIONS

	IDES - 3000	IDES - 6500	IDES - 10K	IDES - 13K
Coverage Area	Up to 3000 ft ²	3000 ft ² to 6500 ft ²	6500 ft ² to 10,500 ft ²	10,500 ft ² to 13,500 ft ²
HVAC Size	2 to 7 Ton	8 to 15 Ton	15 to 22 Ton	23 to 30 Ton
Technology	ADVANCED AIR™	ADVANCED AIR™	ADVANCED AIR™	ADVANCED AIR™
Mechanical	Distribution via air handler	Distribution via air handler	Distribution via air handler	Distribution via air handler
Weight (lbs. / kg)	4.0 lbs. / 1.8 kg	4.2 lbs. / 1.9 kg	4.4 lbs. / 2.0 kg	5.0 lbs. / 2.2 kg
UVC Lamp	254nm / Life: 12,000 hrs.	254nm / Life: 12,000 hrs.	254nm / Life: 12,000 hrs.	254nm / Life: 12,000 hrs.
Warranty	3 Year Warranty	3 Year Warranty	3 Year Warranty	3 Year Warranty

*Scientific studies shown in this document demonstrated that Advanced Air Technology™ substantially reduced the tested airborne microbial populations. The study's results are being provided solely for informational purposes. The study's results have not been reviewed by the FDA, EPA or any other governmental agency. Our products are not medical devices and are not intended to diagnose, treat, or cure any disease. We make no claims and no claims should be inferred as to the efficacy of our products to sanitize, disinfect or kill germs or other antimicrobials.

Advanced Air™



Corporate Office: Phoenix, AZ USA

Phone: 602-975-8396

Email: info@advancedairgroup.com

Website: www.advancedairgroup.com