

The Simple, Natural, and Safe Air Quality Management System

Offer your customers the latest innovation in air purification.



The whole-home air purification solution that seamlessly installs on the supply side of the home's HVAC system.

The CleanAir EXP Purification System combines the most sophisticated sensors with the latest air purification technology to naturally clean indoor air safely and effectively.



A system like no other

CleanAir EXP System Details

In less than 24 hours, the system will sanitize and clean the air and surfaces in the home, keeping occupants healthier. The cold-plasma energy created breaks down VOCs, odors, smoke, and other airborne contaminants, rendering pure, sanitized air.

- Fully responsive, data driven, smart IOT Technology
- Interfaces with the user
- Reduces 99.8% of airborne allergens and 99.5% of all asthma triggers
- Neutralizes mold, mildew, germs, pathogens and viruses
- No odor or smell
- Turns every register and vent into an air purification unit



Monitor indoor air quality in real-time

EXP Air Quality Sensor

The sensor provides real-time feedback to the EXP Monitor & Control Hub or a smart device. The EXP Air Quality Sensor measures particulates (down to 1 micron), including temperature and humidity.

The EXP Air Quality Sensor is not just another air quality monitor. When indoor air quality drops below a certain (user-programmed) threshold, the EXP Purification Unit activates automatically. The system runs until the air is clean and healthy.

- Continuously monitors indoor air and responds to changes real-time
 - Measures particulates down to 1 micron, temperature, and humidity
 - Patented Ozone Depletion Technology reduces ozone levels during high pollution advisories
 - 3-Year Limited Warranty
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Quick and Easy Install

The 8.5" W x 7.3" H x 14" D in-duct unit installs into the existing air duct path on the supply side of the central HVAC system. Most installations take approximately 20 minutes for the EXP Purification Unit and another 10-15 minutes for the EXP Air Quality Sensor and the EXP Monitor & Control Hub.

Control air quality the same way you control the temperature

EXP Monitor & Control Hub

The hub is a fully-connected air purification smart device. It shows air quality feedback from the Air Quality Sensor in real-time.

- Interactive touchscreen display
- Tracks indoor air quality and shows purification effectiveness in real-time
- Three purification settings for optimum performance
- Collects and uploads your homeowner's air quality to the cloud and to any smart device



24/7 natural air purification

EXP Purification Unit

Using the airflow from the existing HVAC fan, the EXP Purification Unit bombards the air with millions of air-cleaning oxygen ions, **removing particulates, eliminating germs,** and **breaking down VOCs.** The result is that every vent in the home becomes its own air purification unit, treating indoor air pollution problems at the source. The Purification Unit uses the power of nature to clean, refresh, and energize the air you breathe.

- Natural negative ion generating air purification using non-thermal plasma technology
- Eliminates 99.8% of all airborne allergens and 99.5% of all airborne asthma triggers
- Removes pathogens and sanitizes the air from bacteria, viruses and germs
- Patented EXP Ozone Depletion Technology removes unwanted ozone to a completely safe level
- 3-Year Limited Warranty



CleanAir EXP effectively removes pathogens and sanitizes the air.

The **natural** and **safe** air quality management system independently tested and proven most effective.



Study confirms EXP removes pathogens from the air

Studies conducted by the University of Arizona confirm that CleanAir EXP removes pathogens and eliminates viruses and bacteria from the air you breathe.

EXP ANTIMICROBIAL STUDY

The study objective was to evaluate the antimicrobial properties of the CleanAir EXP following exposure time against four test organisms.






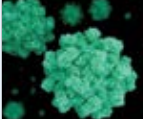
STUDY SPECIFICATIONS

Test Organisms: (4 total) Bacteria: *Escheria coli* 25922, *Staphyloco cus aureus* 6583, *Acinetobacter baummanii* 19606; Viral Surrogate: MS2 15597

Exposure Time: 1 hour (*E. coli*, *A. baummanii*), 24 hours (*S. aureus*, MS2)

Exposure Conditions: 22.4°C, 18% R.H.

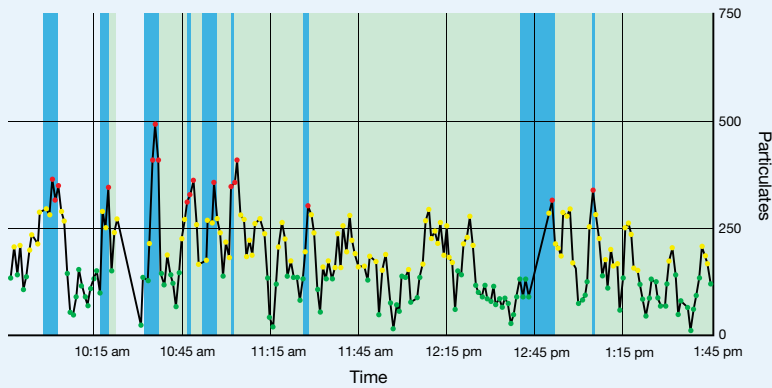
No. of Replicates: Duplicate

Pathogen	Total Elimination Percentage	Improvement Over Untreated Airflow
 E. coli	99.5%	95.7%
 A. baumannii	97.4%	51.4%
 S. aureus (Staph Infection)	99.2%	90.4%
 Non-Enveloped Viral Test (e.g., Norovirus)	99.998%	96%

REAL-TIME CUSTOMER DATA

Homeowner real-time air quality data shows homeowner the system is working and responding to changes in air quality.

Data from 5/18/2019 9:45:28 AM to 5/18/2019 1:45:28 PM



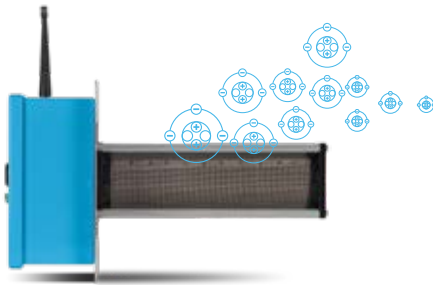
LEGEND

- Blue** - CleanAir EXP Air Purification system operating due to high airborne particulates.
- Green** - Customer's HVAC system running due to thermostat controls.
- Graph** - The number of particulates found in the customer's home.

No more guessing if system is working

When particulate levels reach an unacceptable amount, the sensor activates the EXP Purification Unit installed in the air duct of the HVAC system.

- Whole-home air quality management system cleans the air which in turn keeps the coils and vents cleaner
- By introducing an overabundance of negative ions into the system's airflow, the CleanAir EXP diminishes odors, particulates and harmful pollutants
- The high-energy oxygen ions help cluster particulates together. This clustering effect allows the existing air filter to capture microscopic particles that would normally pass through
- The charged ions interact with tiny airborne pollutants, oxidizing them so they drop out of the breathing zone



EXP tested and proven safe by Underwriters Laboratories (UL)

The EXP Purification Unit removes unwanted ozone to a completely safe level by means of the proprietary EXP O₂ Catalyst. The Catalyst converts ozone to oxygen. This provides the powerful effect of air purification without the negative side effect of ozone. The system has been tested and proven safe by Underwriters Laboratories (UL).

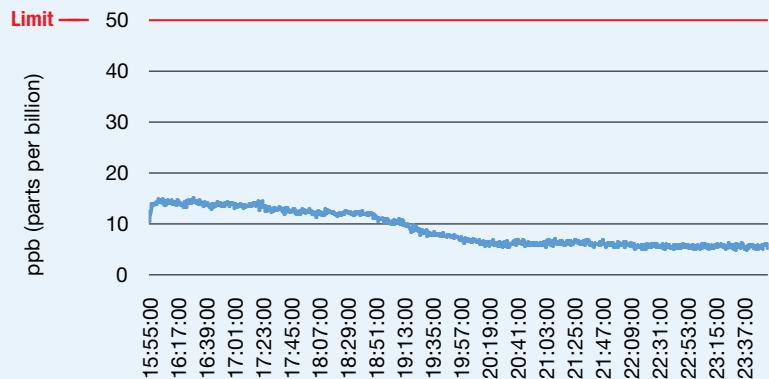
EXP OZONE LEVEL TEST

The product was unpackaged and subjected to a 48-hour run period, then loaded into an air duct with the blower set at 300 cfm. The device was monitored for ozone emissions over an 8-hour period.



Ozone analysis conducted using a TEI Model 49i UV-absorbance based analyzer with a detection limit of 0.5 ppb (0.0005 ppm).

18762-010AA Test



CleanAir EXP is improving more than indoor air quality. It's improving lives.



Asthma

“Within one week of installing our EXP system, we began to take our daughter off of her steroids. Now, she is off her nebulizer completely, and sleeps through the night.” *Julie Simpson*



Headaches/Migraine

“I get migraines that can last up to two days. Some are triggered by storms that bring dust into my home. I had the EXP installed and noticed a difference immediately. I actually went two months without a migraine.”

Elaine Weakland



Assisted Living

“We had two EXP units installed in our assisted living home. We immediately noticed a difference in odors and smells. After our first year of having these air purification units installed, we realized that doctor visits and supplemental oxygen use was down over 90%.”

Gene Guarino,
RAL Academy

Respiratory Issues

“Every time my daughter got a simple cold or a sniffle, it always ended up in her lungs and she would miss school for 2-3 days. We installed the EXP system and it has been a year with her lungs staying healthy and our family doesn't seem to pass along a cold to each other anymore— and we have four kids.”

Allergies

“My husband was getting allergy shots every month. Now, with the EXP system, he is off most of his medication.”

“It used to take me almost 30 minutes every morning to clear my eyes and sinuses due to allergies. Within the first week of installing the EXP unit, my eyes were clear and I woke up refreshed and fully rested.”

Sleep Apnea

“I tend to snore due to fine particulates in my home. Once the EXP was installed, I stopped snoring and I even slept through the night.”

Odor Removal

“We have an older home that has always had a funky odor. Add to that three teenagers, shoes, sports clothes and it would smell really bad. When we installed the EXP, all those lingering odors were gone!”

“Our technicians complained they smelled like a dental office after they left the office and went home. With the EXP System, we removed all dental odors and our clothes didn't smell! Great for our clients and our staff”

Mold and Mildew

“Our high humidity has caused serious mold and mildew problems in our home. Since we started using the EXP system, we don't smell the mildew and we noticed that we don't have any more mold growth. Really amazing!”

Installation Packages

Package 1

Designed for up to 2500 sq ft. Connects to the fan controls and turns on with the day-to-day usage of the HVAC system. Combined with a smart thermostat, the EXP air purification unit can be programmed to turn on/off whenever the homeowner needs.



Package 2

Fully responsive system that reacts to changes in air quality. **Set it and forget it.**

Why the CleanAir EXP

- Natural, safe, and effective air quality management
- Data driven results: no more “guessing” if the system is working. See the EXP System working in real-time.
- Ozone is not a problem or issue with non-thermal plasma and our patented ozone depletion technology
- Removes 98% of all allergy and asthma triggers from the breathing space
- Neutralizes the air from pathogens and germs, keeping your customers healthier
- Removes pollen, dander, and dust, as well as other particulates
- Responsive to changes in air quality
- Loads filters up to 30% faster, making filtration more effective
- Removes fine particulates from the breathing space that are normally circulated through the HVAC system
- Cleans and protects the HVAC coils from mold and mildew
- Quick and easy to install
- Low maintenance system



CleanAir EXP is redefining the standard
for indoor air quality.

As a trusted HVAC expert, you can now offer your customers a cleaner, healthier, and more comfortable home. The team at CleanAir EXP has spent more than a decade perfecting the technology behind the Air Quality Management System. Join us in bringing clean air into homes and businesses.

CleanAirEXP.com
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