

Pure. Natural. Air.



- **Zentox Pure Air** destroys viruses, allergens, bacteria, mold & VOCs, through its proprietary Photocatalytic Oxidation technology without creating hazardous waste.
- Originally designed for hospitals and industrial clean rooms, **Zentox Pure Air** is now available for home use, covering areas up to 1,200 square feet.
- Superior performance — **Zentox Pure Air** utilizes titanium dioxide with a proprietary blend of catalyst to deconstruct viruses, allergens and bacteria, at the molecular level rendering microorganisms inert and harmless.
- Efficient — Proprietary infusion of titanium dioxide nanoparticles into the **Zentox Pure Air** catalyst module creates countless reaction sites vastly increasing molecular destruction efficiency compared to other PCO and PECO devices. Increased efficiency results in a lower cost per square foot of coverage.

Features & Benefits:

Oxidized Microorganisms: destroyed

Odors: eliminated

Waste Disposal: none

Safe to use: no ozone, no harmful air contaminants are emitted

Easy to use: simply turn on and let it run

Power consumption: low

- No ozone — **Zentox Pure Air** systems are California Air Resource Board approved for meeting ozone emission safety standards. **Zentox Pure Air** systems can be shipped anywhere. 220 Volt option is available upon request.

- Size Matters — HEPA filters are limited to capturing air particulates 0.3 microns and larger, while **Zentox Pure Air** will destroy even the smallest of microbes. **Zentox Pure Air** ultimately breaks down viruses, bacteria and mold, to harmless amounts of carbon dioxide, water and minuscule trace elements.

- Simple Operation — No pairing, no WIFI, no Bluetooth, just turn it on and let it run 24/7 to insure a constant flow of pure air. A variable speed fan allows an optimum setting.

- Portable and light-weight, **Zentox Pure Air** is easy to move.

- Built to last — The unit is made of anodized aluminum and employs an industrial strength fan. There is no plastic that can be degraded in the presence of UV light.

Certifications

- California Air Resource Board for ozone emissions
- ETL & CSA for electrical safety in conformance with UL standards
- EPA Establishment Number



ZENTOX

PURE AIR



Zentox Pure Air 500

Eliminates airborne...

VIRUSES
H1N1, MERSA

BACTERIA & FUNGI

MOLD SPORES
Black Mold, Gray Mold, Botrytis,
Yellow Mold

ODORS
Burnt Food, Diapers,
Nail Polish Remover

TOBACCO SMOKE

**CARBON MONOXIDE and
ETHYLENE**

ALLERGENS
Dust Mites, Pet Dander, Pollen

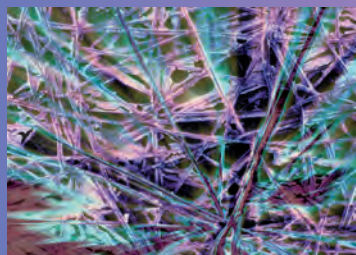
**VOLATILE ORGANIC
COMPOUNDS**
Solvents, Paints,
Moth Balls, Cleaning
& Disinfecting Chemicals



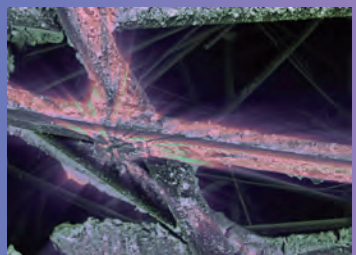
Zentox Pure Air 200



Untreated fibrous glass mat at 1,000 times magnification



Infused fibrous glass mat at 100 times magnification



Infused fibrous glass mat at 1,000 times magnification

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The Zentox Advantage

How the technology works

STEP

1

A fan delivers air through a fibrous glass media coated with fumed titanium dioxide and a proprietary blend of novel catalyst reaction materials.

STEP

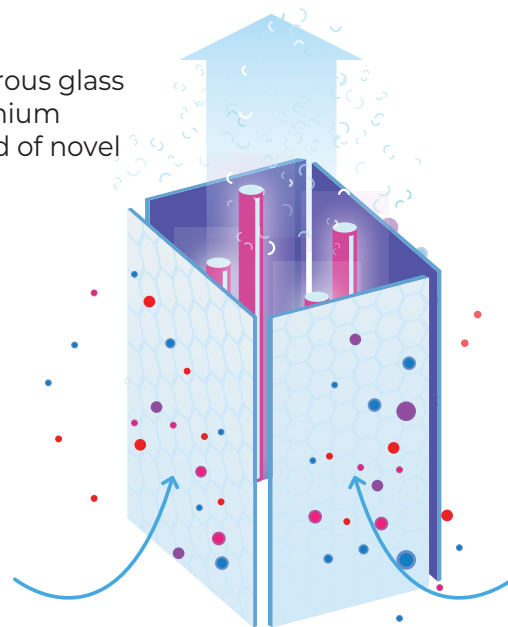
2

The catalyst is activated by UV light.

STEP

3

Airborne pathogens, odors, and micro bacteria, are oxidized in the catalytic media.



What's Inside?

Inside the **Zentox Pure Air** case is a proprietary Catalyst Reaction Module that contains fumed titanium dioxide nanoparticles as well as a proprietary mix of novel catalysts, embedded in a fibrous glass media. The permeated fibrous glass media creates a tortuous path for airborne contaminants: viruses, bacteria, gray mold, fungi, allergens, as well as volatile organic compounds.

Airborne contaminants, like viruses and bacteria, come into contact with **Zentox Pure Air** reaction sites activated by UV light and they are broken down to harmless carbon dioxide, water, and its molecular trace elements. Additionally, due to the proprietary blend of catalyst, the **Zentox Pure Air** system oxidizes contaminants not attracted to titanium dioxide alone, like ethylene and carbon monoxide.

Embedding catalyst of fumed titanium dioxide nanoparticles, via a proprietary process into a fibrous glass media, vastly increases the number of molecular reaction sites that leads to dramatically improved performance and efficiency.

Powerful airflow rates allow **Zentox Pure Air** systems to process ambient air three times per hour, insuring continuous pure air.

