



A DIVISION OF FOX AIR SYSTEMS INC.

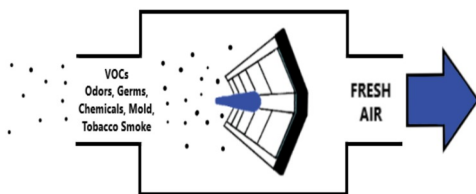


ERV/HRV Air Filter using UV light and Activated Carbon (APCO)

Fox Box - Air Treatment System designed to work in conjunction with HRV/ERV units in single-family homes, high rise condos, and townhouses. All internal components are proven, certified, and validated using one of the most advanced air treatment technologies available.

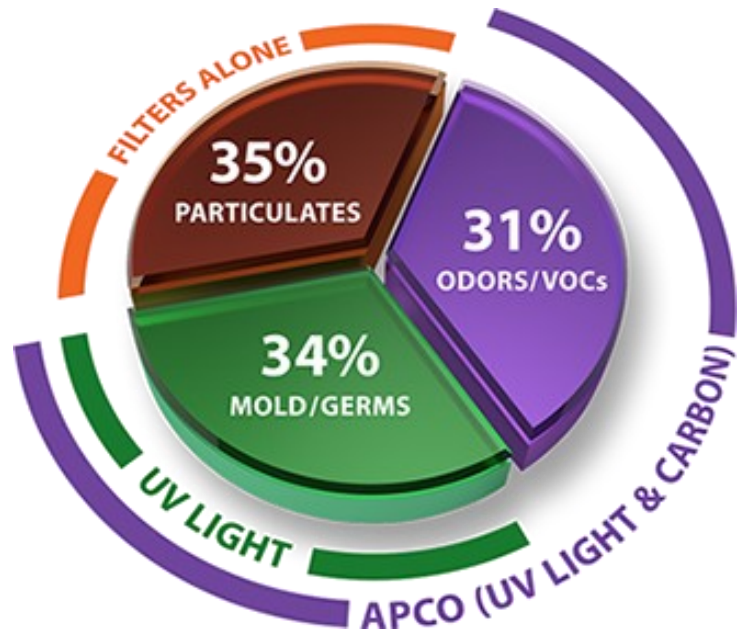
Fox Box is designed to mitigate viruses, odours and detox the air, giving you a healthy, clean, airborne virus free and safe living space!

Features and Benefits



ERV /
HRV

- Destroys mold, bacteria, viruses, odors & VOCs
- Lifetime V-Twin EverCarbon Matrix™ w/ anti-microbial coating
- Advanced UVC Quartz lamp w/ 3 year lamp life
- LED-Smart Notification
- UL2998 Validated for zero-ozone emissions
- 20-277 VAC, 50/60 Hz, 0.51 Amps/120V Thru 0.22 Amps/277V
- Pressure Drop <0.01" w.c. @ 400 FPM
- Lifetime system warranty.
- 3 year UVC lamp warranty



The Other Two Thirds

Indoor air pollution can be divided roughly into thirds:

PARTICULATES **MOLD/GERMS** **ODORS/VOCs**

Conventional filtration is effective against particulates, like dust, but has no effect on the other two thirds. Fresh-Aire UV light products, such as Blue-Tube UV, are proven to sterilize biological contaminants like mold, germs, and viruses in the air and on air system surfaces. Our award-winning APCO products neutralize odor-causing VOCs as well as biological contaminants inside the air system and throughout the home.





FOX BOX

Indoor Environmental Claim Validation

APCO Earns UL-2998 Certification for Zero Ozone Emissions



UL Environment certification helps specifiers satisfy the requirements of the various green building design programs, building codes, and procurement policies including LEED®, GSA Advantage!®, the Collaborative for High Performance Schools (CHPS), the International Green Construction Code (IgCC), and European Union guidelines and directives.

Ozone Risk from Air Purifiers

Ozone (often hidden by clever marketing terms) is a toxic gas that is proven to have a negative effect on human health. Indoor sources of ozone can cause health problems even at relatively low concentrations, including respiratory tract irritation, asthma, and even permanent lung damage.

Ironically, many air purifiers on the market today generate ozone during normal use. We spend about 90% of our time indoors so exposure to ozone from these devices can become a significant health risk. The US Food and Drug Administration (FDA) was the first to set a limit on ozone emissions from all medical devices at 0.05 ppm. In 2008, because of the dangers associated with ozone, the California Air Resources Board (CARB) finalized a state regulation targeting ozone emissions from air cleaners. It requires all electronic air cleaners to be certified to emit less than 0.05 ppm according to the UL867 standard.

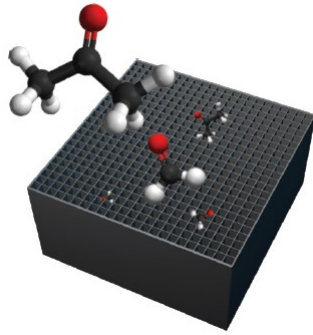


**Validated
Ozone-Free
by UL**

Fresh-Aire UV Ozone-Free

Fresh-Aire UV is committed to making the most effective, reliable, and safe air purification products possible. Growing concerns about the safety of ozone for odor removal and the recent ASHRAE Position Document on Filtration and Air Cleaning have made it clear that our industry needs to change. Today many Central HVAC mounted air purification systems still broadcast large amounts of ozone or airborne oxidizers into occupied spaces as a means of attacking odors and airborne microbes, this approach is clearly unsafe.





The Science

APCO® detoxes the air with a process called photocatalytic oxidation (a technology similar to the catalytic converter on your car's exhaust). The UV light reacts with titanium dioxide infused into the carbon which effectively disintegrates the captured contaminants, leaving only harmless water vapor and CO₂ which are released back into the air. This process leaves the carbon cells clean so they never fill up or need to be replaced. The result is clean, odor-free air throughout the home.



Indoor Air Quality

The Solution for Indoor Air Pollution According to the EPA, indoor levels of pollutants may be 2 to 5 times – and occasionally more than 100 times – higher than outdoor pollutant levels. Indoor air pollutants have been ranked among the top five environmental risks to public health.



Eliminate Odors

APCO® eliminates VOCs which are the source of nearly all odors. While some VOCs merely smell bad, others can pose significant health risks.

APCO® removes pet odors, cooking smells, and chemical vapors rising from furniture, carpet, and construction materials.

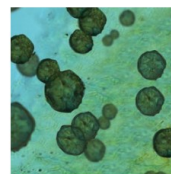
Kills Microbes & Neutralizes Odors/VOCs



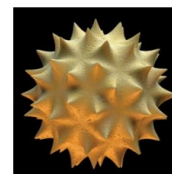
VIRUSES



BACTERIA



MOLD



ALLERGENS



PET ODORS



TOBACCO



FOOD SMELLS



CHEMICALS