

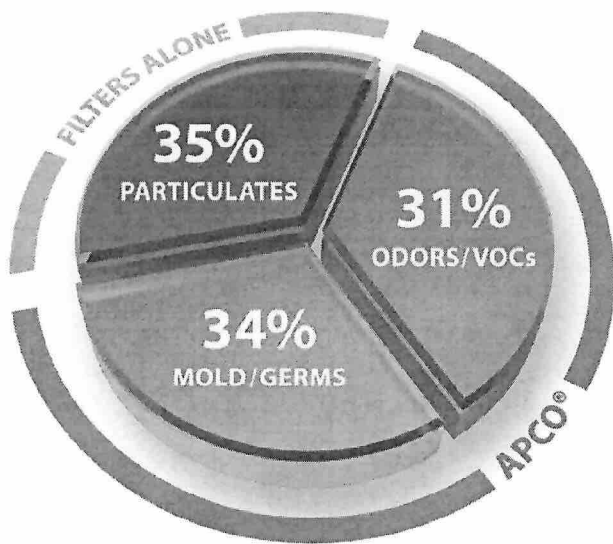
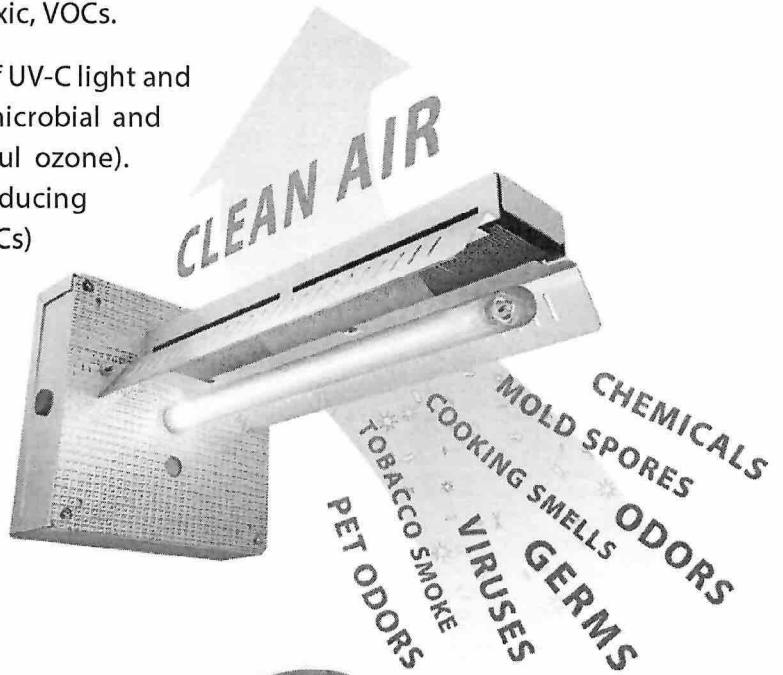
APCO®

Indoor Air Quality Innovation

Detox the Air with APCO®

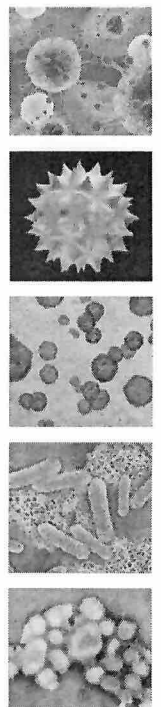
According to the EPA, indoor air pollution is often five times worse than outside air. The occupants of our homes and offices may face significant health risks from airborne contaminants such as mold, bacteria, and odor-causing, potentially toxic, VOCs.

APCO® products feature a unique combination of UV-C light and activated carbon which achieves unmatched microbial and odor reduction (without producing any harmful ozone). This technology is particularly effective at reducing odor-causing volatile organic compounds (VOCs) which include toxic chemical vapors like formaldehyde and toluene.



The Whole Pie

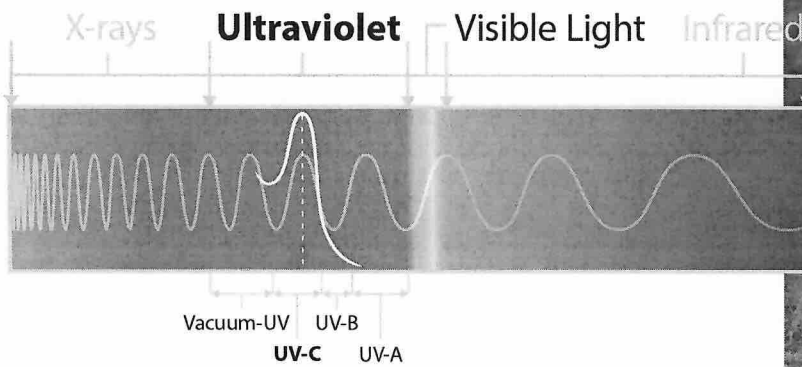
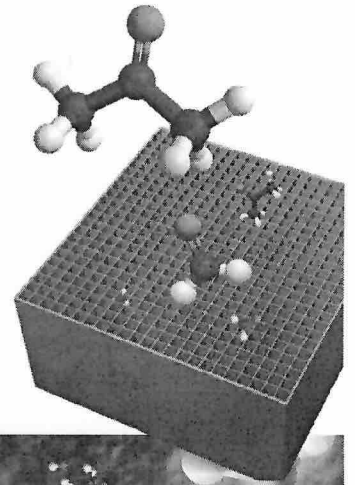
Airborne contaminants can be divided roughly into thirds. Conventional filtration is effective against particulates, like dust, but has no effect on the other two thirds. APCO® is proven to safely reduce both VOCs and biological contaminants inside the air system and throughout the home.





How APCO® Works

APCO® systems are installed in the central air system where they continuously remove airborne contaminants as they pass by. APCO® technology is based on a process called photocatalytic oxidation (similar to the catalytic converter on cars). Germicidal UV-C light reacts with titanium dioxide infused carbon cells; this neutralizes VOC contaminants, leaving only harmless water vapor and CO₂. 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.



UV-C light, filtered out by the Earth's atmosphere, sterilizes microbes which have no defense against it.



APCO® cells capture and neutralize odors and toxic VOCs.

Proven, Validated, Certified, Awarded

APCO® has been proven safe and effective in numerous laboratory tests. It has been validated as ozone-free by UL Labs, certified by CARB, ETL & CE, and has won the prestigious AHR Innovation Award for indoor air quality.



FRESH-AIRE UV®
APCO®
 IN-DUCT AIR PURIFIER **MAG**

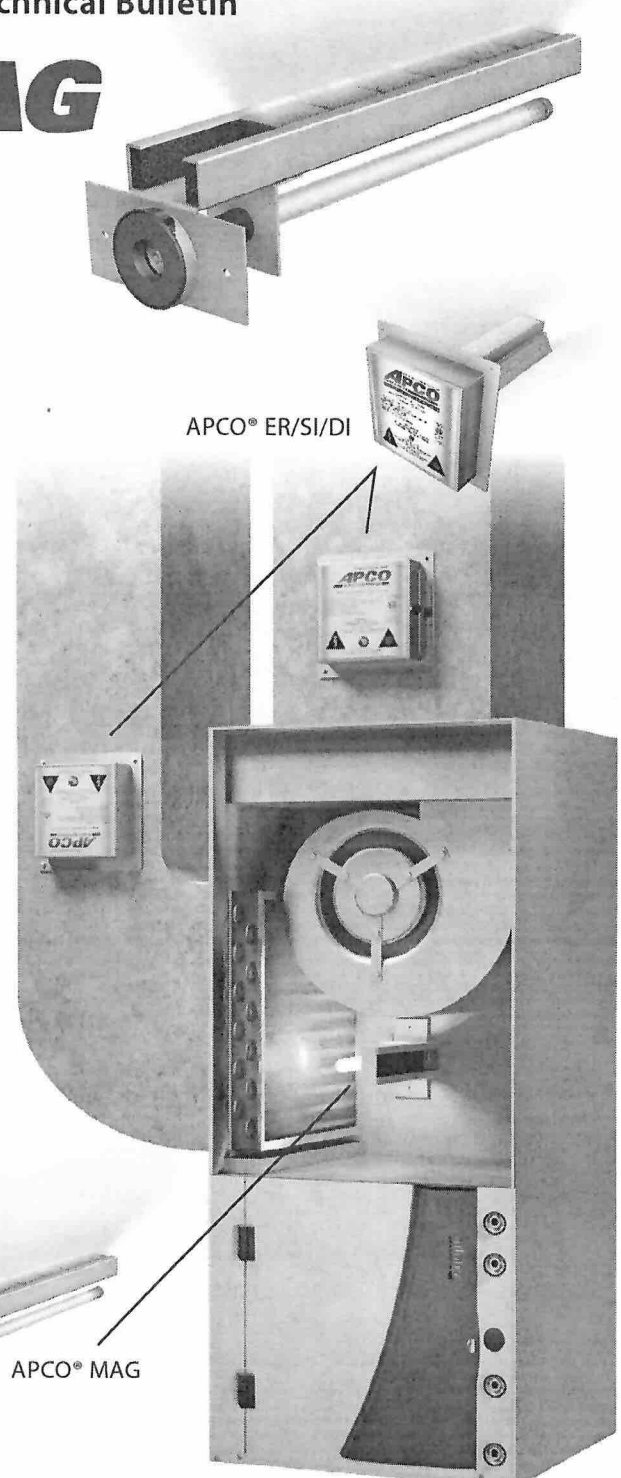
Technical Bulletin

**Fresh-Aire UV® APCO® MAG for
 Odor Control and Bio Disinfection
 in Geothermal Air Systems**

Fresh-Aire UV® APCO® is the ultimate enhancement to indoor air quality. The combination of UVC light and activated carbon cells inside APCO make it uniquely effective at removing both biological contaminants (mold, bacteria, viruses, allergens) and volatile organic compounds (the source of nearly all odors).

APCO® MAG is ideal for installation inside the geothermal system where it can disinfect interior surfaces (including cooling coils) as well as the air stream.

Install APCO® ER/SI/DI externally through the duct (supply side preferred, return side if necessary). APCO® DI includes a second UVC lamp which can be mounted at the coils.



APCO® models suitable for Geothermal Systems		
INTERNAL MOUNT	TUV-APCO-MAG15-ER2	18-32 VAC
	TUV-APCO-MAG15-ST2	120-277 VAC
EXTERNAL MOUNT	TUV-APCO-ER2	18-32 VAC
	TUV-APCO-SI2*	120-277 VAC
	TUV-APCO-DI2* 2nd Remote UV Lamp	120-277 VAC
* For optional wall plug on high-voltage power supply add 'P' to part# Example: TUV-APCO-SI2P		



Made in USA



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