



DETOX
YOUR
AIR

Oil Related Odors in the Home

Unfortunately the ongoing and tragic **Deepwater Horizon** oil spill in the Gulf of Mexico is going to be a problem for some time to come. Now that the oil is washing up on the beaches more and more coastal residents are complaining of petroleum odors in their homes.

The APCO Solution

The **Fresh-Aire UV APCO™ In-Duct UV Light Air Purifier**, manufactured in Florida, was designed to remove toxic vapors associated with oil and gas as well as other **Volatile Organic Compounds** or **VOCs** from indoor air. Ordinarily these **VOC** odors are the result of cooking and pet odors, smoking, construction materials, vehicle exhaust etc. Fortunately the **VOCs** responsible for petroleum odors are ideally suited for air treatment by the **APCO™** system.

Long Term Benefits

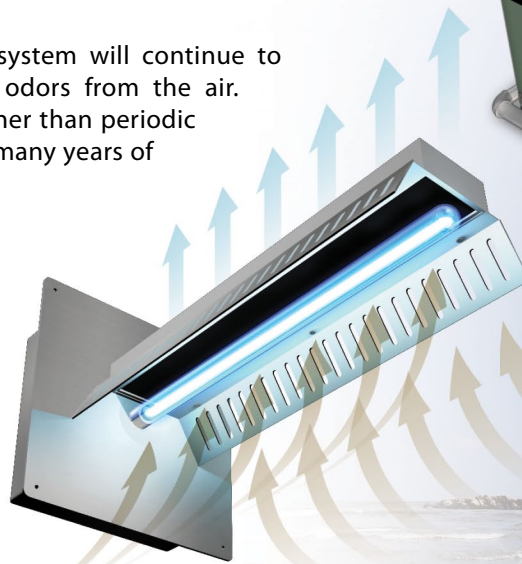
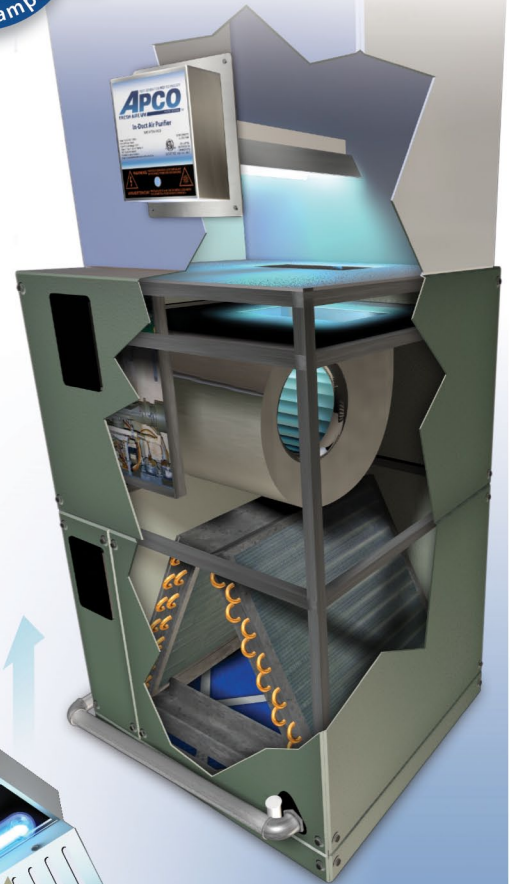
After the cleanup is complete the **APCO** system will continue to remove other toxic chemical vapors and odors from the air. Because **APCO** requires no maintenance other than periodic UV lamp replacement the unit will provide many years of improved indoor air quality.

How APCO Works

APCO is typically installed in the supply-side ductwork above the air handler or furnace. **VOC** molecules carried by the air are captured by the carbon matrix (a long black honeycomb block made of titanium dioxide infused carbon fitted above the UV lamp).

UV light shining on the carbon and titanium dioxide creates a catalytic effect (similar to the catalytic converter in your car) which transforms the **VOC** molecules into harmless water vapor and carbon dioxide which then pass back into the air.

Because the carbon matrix never "fills up" or "wears out" the **APCO** system is essentially maintenance free.



FRESH-AIRE UV™ products are manufactured by:
TRIATOMIC ENVIRONMENTAL, INC.
sales@freshaireuv.com



WWW.FRESHAIREUV.COM