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COVID-19 ... Coronavirus...

During the past few weeks, we have been overwhelmed with questions asking if there were any devices available in our industry which could help to protect families and combat the COVID-19 virus?

Here's what we can tell you. As to date, there is no item available on the market that has been explicitly tested, approved, and has been confirmed with official laboratory documentation proven to destroy the COVID-19 virus and/or lower its effects.

That's not saying that some devices on the market (such as some UV air purifiers) don't lessen or reduce airborne pathogens such as mold, bacteria, and *other viruses*, because they do!

Could these items have the same effects on the COVID-19 virus and be combatant in the reduction and lowering of the damaging symptoms? Possibly, but due to the time needed to perform and submit findings with the documentation required and under specific guidelines, no official proven claims have been made to that effect.

The following APCO Air Purifier is one of the items that is recognized to diminish other forms of air impurities and has been proven to kill and reduces the effects of other viruses. These units definitely improve the indoor air quality and have multiple benefits regarding your health.

Below is a copied version of APCO's literature which describes the unit's features and benefits.

- **APCO AIR PURIFIER:**



Fresh-Aire UV APCO-X
whole-house air purifier

The APCO™ is the next generation in IAQ improvement technology, incorporating an advanced absorptive photocatalytic oxidation (APCO) monolithic cell. A Current PCO technology is limited by only being capable of breaking down simple indoor air contaminants such as odors in the air as they pass by the PCO cell.

Traditional PCO cells are ineffective on more complex VOCs such as formaldehyde or toluene. The **Fresh-Aire UV APCO™** cell absorbs these contaminants and allows time for complete oxidation of these contaminants. Plus, the cell is regenerative, breaking down the captured impurities to simple carbon dioxide and water vapor. In addition, the **Fresh-Aire UV APCO™** uses our proven shielded **UV-C lamp** for airborne disinfection, not to mention irradiating the coil to eliminate system clogging biological growth unlike other PCO systems.

Features:

- Advanced Monolithic Absorptive PCO cell with proprietary absorption media and proven TiO₂ photo-catalytic coating for the reduction of complex VOCs and household odors.
- Non-Ozone quartz 254 NM UV-C lamp for airborne germicidal disinfection
- Simple duct-mounted installation
- Lifetime power supply warranty
- Easy to install 18-32 VAC or 110-277 VAC power supply fits any application
- Reversible design when increased airstream bio-kill is desired

Benefits

- Reduces airborne pathogens such as mold, bacteria, viruses and odors
- Reduces harmful household VOCs (volatile organic compounds) through an advanced absorptive photo-catalytic oxidation process
- More effective on complex VOCs such as formaldehyde than conventional PCO products
- Provides surface treatment of coils, heat-strips, & blowers unlike conventional PCO technology

Odors & Toxic Chemicals In Indoor Air

Volatile Organic Compounds (VOCs) can make indoor air smell bad and can be harmful to your health. There are thousands of different VOCs produced and used in our daily lives, including toxic chemicals such as formaldehyde, benzene, and acetone.

Fight Germs & Odors Without Ozone

Unlike many air-cleaning devices, APCO® produces no ozone. UV-C light shining on the APCO® activated carbon matrix causes a photocatalytic reaction which transforms odor molecules into harmless water vapor and CO₂ which are released into the airstream.

Mold, germs, and viruses are sterilized by UV-C light shining on the carbon matrix and in the air as they pass by.

While Fresh-Aire UV systems have not been specifically tested against coronavirus, they have been tested and proven effective against similar pathogens, some that require an even greater dosage for inactivation than coronavirus.

Installed cost of the Fresh-Aire UV APCO starts at \$885. Your cost could vary, depending on several circumstances. Call to find out your exact cost.