



**Removes odors**

Eliminates Odors / VOCs



Kills Germs

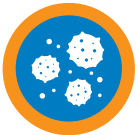
**Breaks VOCs and airborne toxins**

**Kills airborne bacteria and viruses**



Allergen Reduction

Advantage PowerPCO™ purifies the air beyond filtration! It works at the molecular level utilizing activated carbon, photocatalytic oxidation (PCO), and UV light to improve indoor air quality.



Stops Bio-growth

The air purifier installs in your HVAC system for quiet, unobtrusive, whole house effectiveness.



Removes Smoke

Advantage PowerPCO™ adds nothing to the air, no perfumes, no ozone.



Patented Design

**Designed for:**

- Homes
- Offices
- Schools
- Industry
- Restaurants
- Pet centers
- Cruise ships
- Hotels
- Military

Ultravation®

# Advantage™ PowerPCO

Whole House Air Purifier



**Features:**

- Installs in HVAC ductwork for whole house air improvement.
- 2-year UV lamp life
- Thermally optimized quartz glass encased UV lamp produces 40% more UV intensity.
- *True Lifetime Warranty* for UV lamp module
- 1-piece UV lamp and power module assures trouble-free operation.
- Patented PCO titanium dioxide formulation
- PCO formula is infused into activated carbon, and coated on air flow panels to maximize effectiveness.
- Self-cleaning! Oxidation process continually renews carbon blocks preventing saturation.
- No by-products emitted and no ozone

**Please note:** Advantage PowerPCO™ is only sold and installed by HVAC Professionals

## Ultravation®

Better Air | Better Water | Better Living™



Manufactured in the USA by **Ultravation, Inc**  
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Ultravation reserves the right to change product specifications at any time without notice. The product images may not be an exact representation.

TiO2 formulation is protect by U.S. Patent 6,429,169

Member:



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# Advantage™ PowerPCO

**Whole House PCO Air Purifier**



## Fresher, cleaner & healthier air!



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# Advantage™ PowerPCO

The Advantage PowerPCO™ photocatalytic air purification process combines the proven air freshening technologies of odor adsorbing activated carbon and germicidal ultraviolet light, and adds a titanium dioxide catalyst that supercharges the process. This combination of well established purification techniques with the addition of Ultravation's proprietary catalyst cleans the air in ways that filters are unable to—**at the molecular level!**



Breaks down odors from trash, pets and household cleaners

## Filtration is just one part of improving indoor air... Let Advantage PowerPCO purify the air

The purification module inserts into HVAC ductwork so that the purified air reaches every room.

Advantage PowerPCO's activated carbon blocks are infused with a proprietary (patented) titanium dioxide (PCO) formulation that excels at pollutant capture and oxidation...

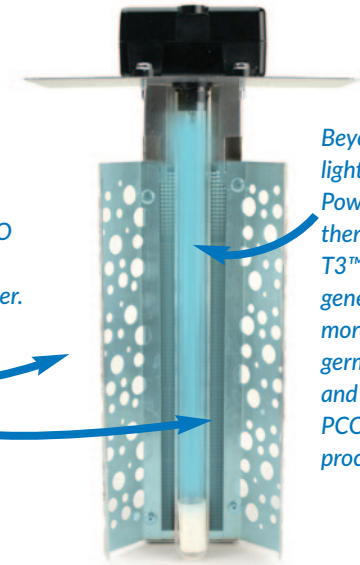


Made in USA



One-piece 2-year UV lamp / power supply with full 2 year (True Lifetime) warranty!

...and its air flow panels are also coated with the PCO formulation, enhancing oxidation / disinfection power.



Beyond typical UV lights, Advantage PowerPCO's thermally optimized T3™ UV lamp generates 40% more air stream germicidal intensity and powers the PCO oxidation process.



## Advantage PowerPCO™ uses nanotechnology to pick up where air filters leave off

The best filters such as HEPA can capture particles as small as 0.3 microns. Advantage PowerPCO works on even smaller contamination *and* at the molecular level. None of the below are eliminated by filters. It takes the germicidal and oxidation power of Advantage PowerPCO.

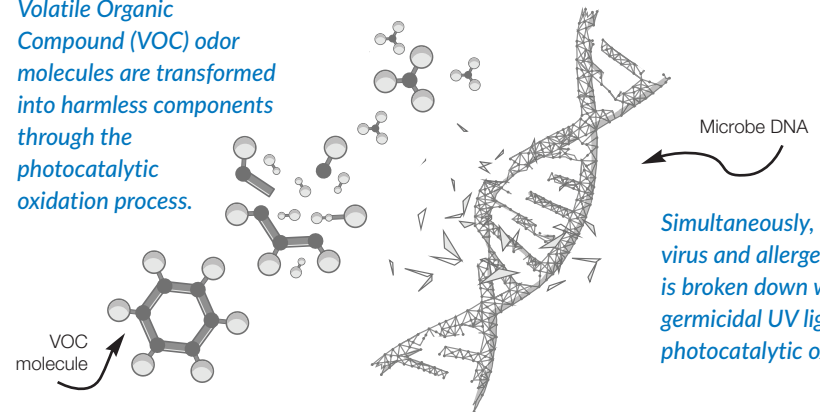
■ **Odors/VOCs:** perfume, cooking, laundry, bathroom, dirty sock smells, musty basements, new furnishings

■ **Biologicals:** Bacteria, viruses, including flu, measles, mumps, SARS, MRSA, e-coli, HVAC interior bio-growth

■ **Toxic gases/aerosols/vapors:** Smoke, chlorine odors, cleaning agents, solvents, renovation and other home projects

The Advantage PowerPCO photocatalytic system works at the molecular level to cleanse the air of odors, toxic gases and airborne microbes. Its photocatalyst properties break down VOCs and other chemical pollutants into components normally found in the air, while intense UV light targets the DNA of pathogens, leaving them completely harmless.

Volatile Organic Compound (VOC) odor molecules are transformed into harmless components through the photocatalytic oxidation process.



Simultaneously, bacteria, virus and allergen DNA is broken down with germicidal UV light and photocatalytic oxidation.

Removes common household odors from:

- |         |              |                |
|---------|--------------|----------------|
| Cooking | Bathrooms    | Exercise rooms |
| Laundry | Litter boxes | Renovations    |
| Smoking | Pools        | All VOCs       |



Learn more at  
Ultravation.com

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