

Goes Beyond Filtration!



Ultravation®

SOLARIS®

Photocatalytic (PCO) Air Purifier



Healthier Air
for Home & Office

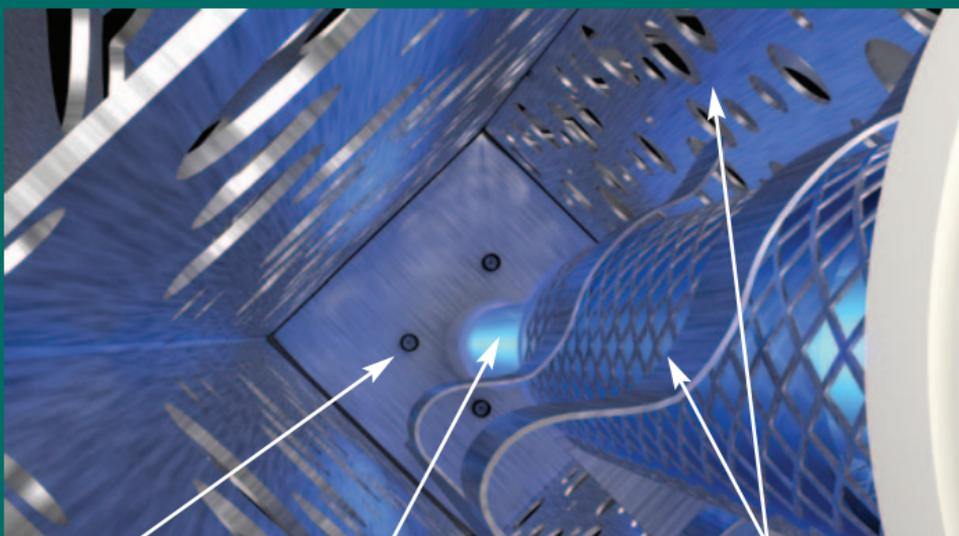


Solaris PCO Air Purifier: *Features*

Patented photocatalytic formulation	Active photocatalytic (PCO) oxidation field breaks down the molecules of odors and other gases	✓
Dual Spectrum UV HVAC airstream disinfection	Two-bands of UV light kill airborne pathogens / allergens	✓
Superior PCO Performance	Leads the industry with over 200 square inches total PCO surface area	✓
Freshens the air	Ionizes and destroys air contamination like the natural air cleansing of a summer storm	✓
Exclusive PCO adjustability	Patented Photon Clarifier™ adjusts PCO level while <i>maintaining full germicidal UV protection power</i>	✓
Reduces extremely fine suspended particulates	Microscopic particles become charged, causing them to attract and form much larger, filterable groups	✓
Whole house distribution via HVAC	Covers 500 sq ft to 3300 sq ft spaces, <i>adjusts up to 5 ton / 2000CFM</i>	✓
Electronic monitoring	Electronic, visual, and audible alarm	✓
Easily expanded	Optional UV lamp connects to arrest bio-growth on HVAC interior surfaces	✓
Commercial-grade construction	Rugged design, will provide many years of quality service	✓
Microprocessor control	Includes lamp replacement notification	✓
Lamp status	LED UV lamp operation indicator	✓
System Warranty	System warranty excludes UV-C lamp which has a 2-year warranty	Lifetime

Solaris PCO: *Inside the Purification Module*

M U L T I P L E T E C H N O L O G I E S



**Air Freshening
Ionization
Technology**

**Dual-Spectrum
Germicidal
UV-C Light**

**Odor and Chemical
Photocatalytic
Purification**



Whole House Multi Technology Air Purification

- Destroys household odors, VOCs and other airborne chemical toxins**

From cooking and cleaning, to laundry, home projects, pets, bathroom and pool odors.

- Kills bacteria and viruses**

Destroys microbes circulating through the HVAC airstream and on household surfaces.

- Freshens the air while reducing microscopic particulates**

Just like a summer storm, Solaris ion technology breaks down impurities in the air like smoke and smog. Enables very fine particulate capture in household air filters.



Goes beyond filtration to create cleaner, fresher and healthier air

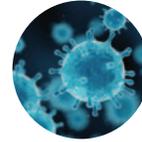
Air contamination comes in many forms, from many sources. Solaris installs out-of-the-way in HVAC air ducts and silently uses multiple technologies to reduce harmful microbes, odors, airborne chemicals and even facilitates the removal of micro-particulates that filters can't capture.

A short list of microbes inactivated by UV light — Source: U.S. EPA

Legionella pneumophila	Stachybotrys atra	anthracis diptheria
Fungi	Mucor ramosissimus	Serratia marcescens
Dust mites	spores	Neoformans
Sick building syndrome	Aspergillus niger	Neisseria meningitidis
Measles	Adenovirus	Moraxella acinetobacter
Tuberculosis	Coxsackievirus	Haemophilus influenzae
Chicken Pox	Mycrobacterium kansasii	Pseudomonas aeruginosa
Humidifier Fever	Mycrobacterium aviumintra	
	Streptococcus pyogenes	
Microplasma pneumoniae	Streptococcus pyogenes	
Penicillium expansum	Cornibacterium Bacillus	
Cryptococcus		



Listeria



Coronavirus



Bacteria



Smog and Smoke



Ultra-fine dust



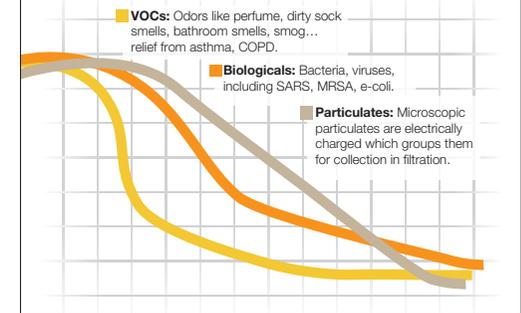
Household odors



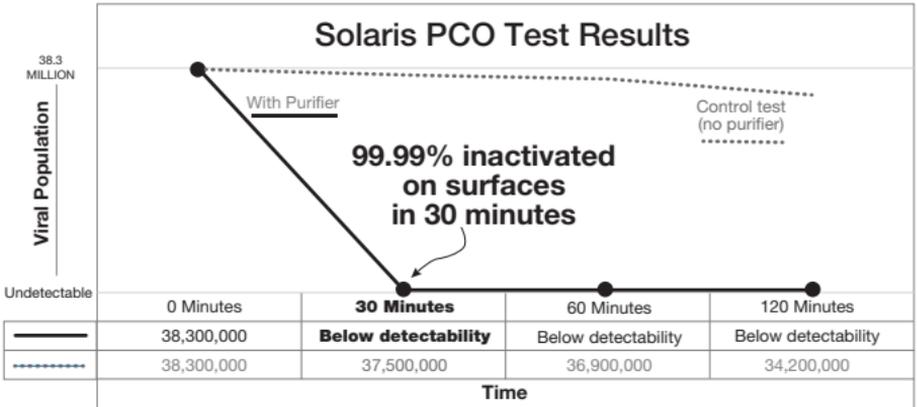
Patented Design and PCO Formulation
U.S. Patents 6,809,328B2 / 6,838,057B2
T02 formulation 6,429,169



Bring cleaner air to your life™



Performance Verification of Solaris PCO and UV-C disinfection

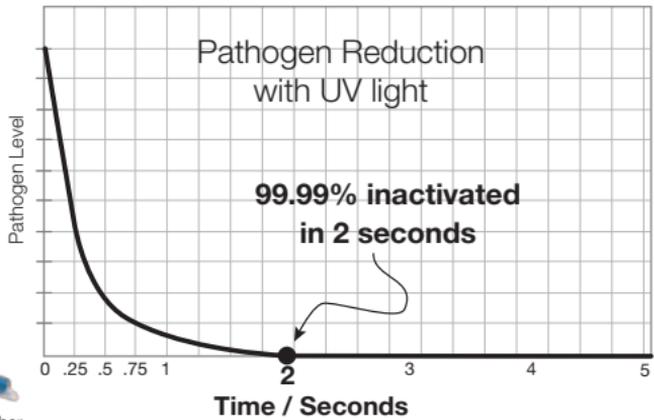


See complete test results at Ultravation.com

Test Results

Solaris UV lights kills airborne viruses—in as fast as 2 seconds!*

Solaris UV Test Results



See complete test results at Ultravation.com



With Solaris PCO you can add another external UV Light for HVAC interior surface disinfection!



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Ultravation®
 Better Air | Better Water | Better Living™
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