

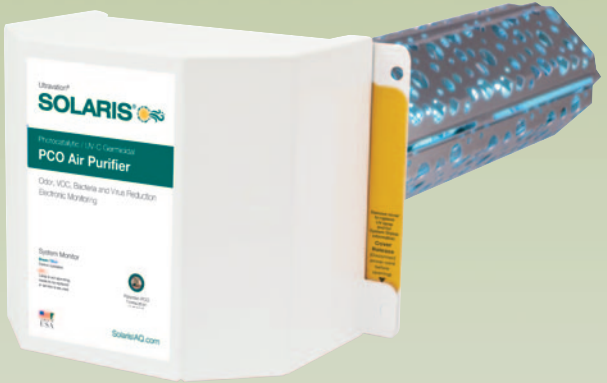
Goes Beyond Filtration!



Ultravation®

SOLARIS®

Photocatalytic (PCO) Air Purifier



Healthier Air
for Home & Office

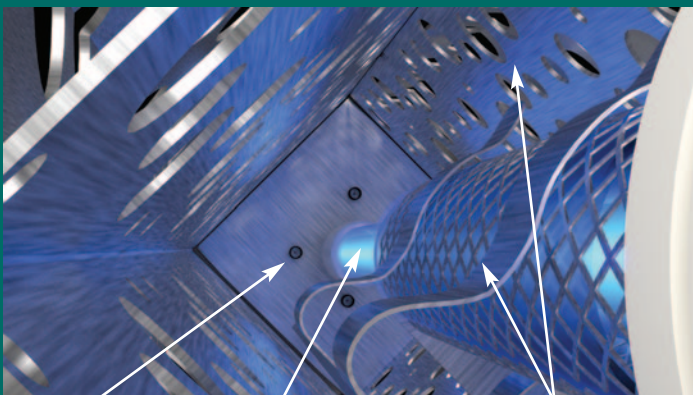


Solaris PCO Air Purifier: *Features*

Patented photocatalytic formulation	Active photocatalytic (PCO) oxidation field breaks down the molecules of odors and other gases.	✓
Pure Spectrum UV HVAC airstream disinfection	10-inch UV lamp energizes the PCO formulation while disinfecting the HVAC airstream	✓
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**

**Pure 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.

- Ozone free**

The Solaris SLX 1024-2998 conforms to UL 2998 (3rd Edition, July 10, 2020) clause 6.2, emittance of ozone not exceeding a concentration of 0.005 ppm.

Goes beyond filtration to create cleaner, fresher and healthier air

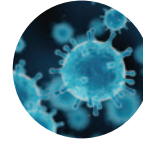
Air contamination comes in many forms, from many sources. Solaris installs out-of-the-way in HVAC air ducts and silently uses multiple technologies to reduce harmful microbes, odors, airborne chemicals and even facilitates the removal of micro-particulates that filters can't capture.

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	Aspergillus niger	Neoformans
Sick building syndrome	Adenovirus	Neisseria meningitidis
Measles	Coxsackievirus	Moraxella acinetobacter
Tuberculosis	Mycrobacterium kansasii	Haemophilus influenzae
Chicken Pox	Mycrobacterium aviumintra	Pseudomonas aeruginosa
Humidifier Fever	Streptococcus pyogenes	Cornebacterium Bacillus
Microplasma pneumoniae		
Penicillium expensum		
Cryptococcus		



Listeria



Coronavirus



Bacteria



Smog and Smoke



Ultra-fine dust



Household odors



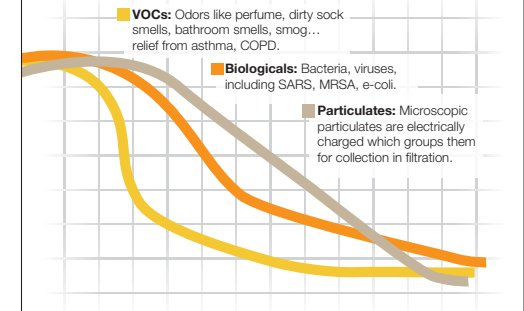
Patented Design and PCO Formulation
U.S. Patents 6,809,328B2 / 6,838,057B2
T02 formulation 6,429,169



Ozone Free



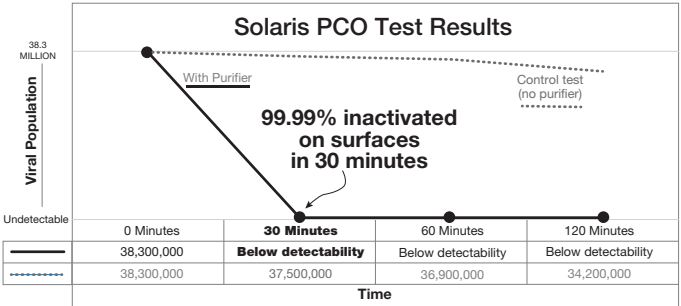
Bring cleaner air to your life™



Performance Verification of Solaris PCO and UV-C disinfection



SLX-1024-2998



See complete test results at Ultravation.com

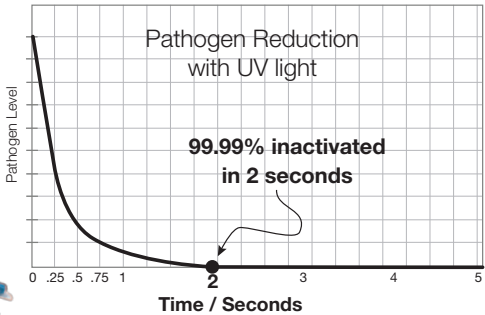
Test Results

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

Solaris UV Test Results



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



See complete test results at Ultravation.com



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SOLARIS®
 Solaris IAQ.com



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 Better Air | Better Water | Better Living™
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