



Multi-Technology Air Purifier

Active Photocatalytic TiO₂ +
Silver/Zinc Ion Oxidation

4XNP Plasma Generation

Germicidal UV Light



Eliminates
Odors

Kills
GermS

Allergen
Reduction

Stops
Bio-growth

Removes
Smoke

Patented
Design

U.S. Patents 6,809,328B2 / 6,838,057B2
TCC formulation 6,425,169

Design and technologies SLX-1024-2998

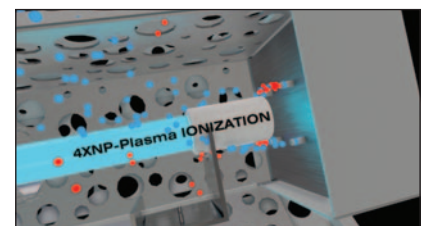
Base technology:	Active photocatalytic oxidation (PCO)
Additional technologies:	UV-C surface and air disinfection, bi-polar ionization
UV lamp:	10" Pure Spectrum lamp
Catalyst surface area:	Over 200 sq inches
Catalyst reactor length:	10.5" with twin active layers
No Ozone:	Conforms to UL 2998 (3rd Edition, July 10, 2020) clause 6.2, emittance of ozone not exceeding a concentration of 0.005 ppm.
PCO coating for odor reduction and air stream disinfection:	Proprietary and patented titanium dioxide + silver (Ag) / zinc (Zn) PCO coating. Silver ions reduce pathogens in the air and on surfaces.
PCO adjustability:	Yes, with a 4" adjustment range, never limits UV disinfection levels.
Electronics /Lamp Monitoring:	Electronic lamp operation monitor with end of lamp-life notification
Ionization for particulate reduction and surface disinfection:	4 needlepoint electrode, plasma ion generator (4XNP)
Expandability:	Yes, unit powers an optional remote UV lamp or additional PCO module.
System Warranty:	Lifetime
UV Lamp Warranty:	1 years



Easy Installation



4" PCO Exclusive Adjustment



4-pin Plasma Ion Generator



Learn more at
SolarisIAQ.com



With 1-year UV Lamp Warranty
(see owner's manual for complete details)



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Ultravation[®]
Better Air | Better Water | Better Living™

Active PCO TiO₂ + Silver/Zinc Ion Oxidation / 4XNP Plasma Generation / Germicidal UV Light

Specialized and Proprietary Photocatalytic (PCO) Formulation

- The purifier PCO surfaces are coated with a proprietary formulation of Peroxo-Antase Titanium Dioxide (TiO₂) that is “energized” by UV light.
- The TiO₂ PCO formulation is additionally infused with silver and zinc ion technology that reduces bacteria in the air and on surfaces.

Industry leading photocatalytic surface area

- There are over 200 square inches of Active PCO purification surface — more than any other active PCO whole house purifier in its class.

Patented Adjustability

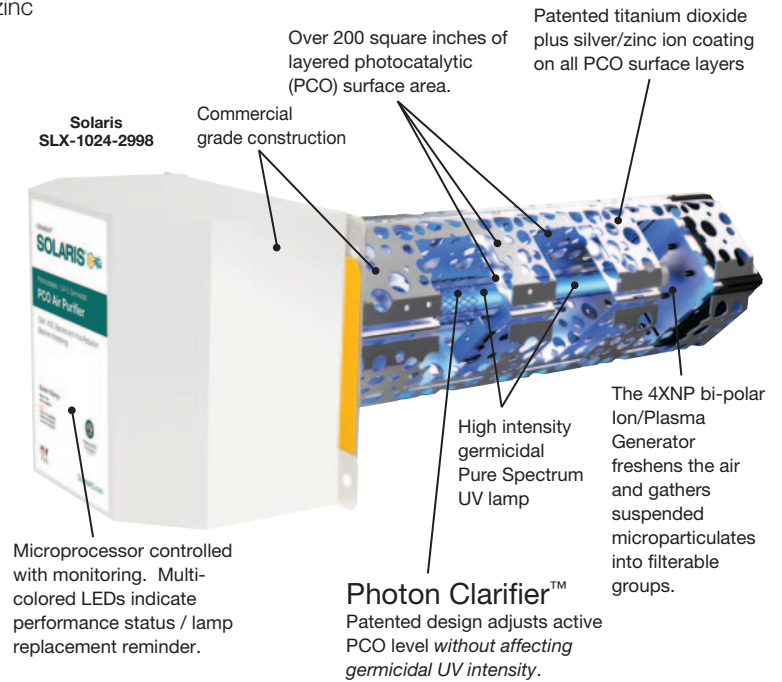
- The unique **Photon Clarifier** has been awarded patents for its *independent photocatalytic (PCO) control*. Exceeding other designs, the PCO purification levels adjust for spaces up to 3,300 square feet *without affecting germicidal UV intensity*. Full disinfection power is always maintained!

Nanotechnology

- Solaris works at the *molecular level*, releasing ions (harmless to humans) into living spaces to electrically charge and group suspended microscopic particles and disinfect surfaces.

Pure Spectrum UV light kills airborne bacteria and viruses

- UV light is a proven technology for disinfection. It penetrates organism membranes and breaks up its DNA. Microbes are exposed to a lethal dose of UV-C light as they pass near and through the purifier.


Solaris SLX-1024-2998 Specifications

Model	Operating Range	Electrical	Voltage Source Range
SLX-1024-2998	Up to 3300 sq ft Adjustable up to 6 ton/2400CFM	24VAC 23VA	24 to 240 VAC (Multi-tap transformer)
SLX-AAL-PCO-2998	Optional 2nd PCO module intensifies purification		

Dimensions		
Overall Depth	PCO Module	Power Module
14.625"	4.125"w x 4.125"h x 10.5"d	7.25"w x 5.625"h x 4"d

Included accessories: Transformer, duct board plate
UV lamp replacement: AS-IH-1013-1

UV Light Upgrade

Need a UV-C light on the coil? Save time and expense by adding an optional germicidal UV light for HVAC interior surface disinfection. **The UV lamp is powered directly by the SLX-1024 air purifier.** The kit includes a high intensity Ultravation® **T3™** UV-C lamp, quick connector and hardware.


Included features

UV shield 6 ft. cable Quick Connector internal / external mount bracket and magnet

Model	Description
SLX-AAL-12	12" Ultravation T3 lamp
SLX-AAL-14	14" Ultravation T3 lamp
SLX-AAL-17	17" Ultravation T3 lamp



Designed and manufactured by **Ultravation, Inc.** • Ultravation.com
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