

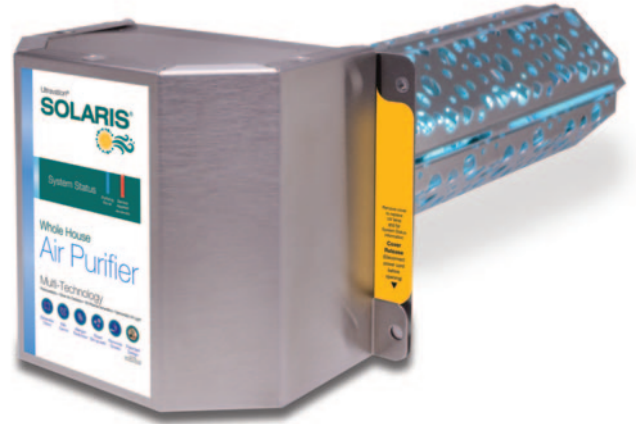


# Multi-Technology Air Purifier

Active Photocatalytic TiO<sub>2</sub> + Silver Ion Oxidation

4XNP Ion/Plasma Generator

Germicidal UV Light



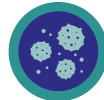
Eliminates Odors



Kills Germs



Allergen Reduction



Stops Bio-growth



Removes Smoke



Patented Design

U.S. Patents 6,809,521B2 / 6,838,057B2  
TCC Formulation 6,429,189

## Design and technologies

Base Operation:	Active photocatalytic oxidation (PCO)
Additional technologies:	Dual-band germicidal UV, bi-polar ionization, UV surface and air disinfection
UV lamp:	Dual-band 10"
Catalyst surface area:	200 sq inches
Catalyst reactor length:	10.5" with twin active layers
Construction:	Stainless steel and aluminum
PCO coating for odor reduction and air stream disinfection:	Exclusive patented titanium dioxide/silver (Ag) blend 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, negative and positive ion generator (4XNP)
Expandability:	Yes, unit powers an optional remote UV lamp or additional PCO module
System Warranty:	Lifetime
UV Lamp Warranty:	2 years

Member:



## Active PCO TiO<sub>2</sub> + Silver Ion Oxidation / 4XNP Plasma Ionization / Germicidal UV Light

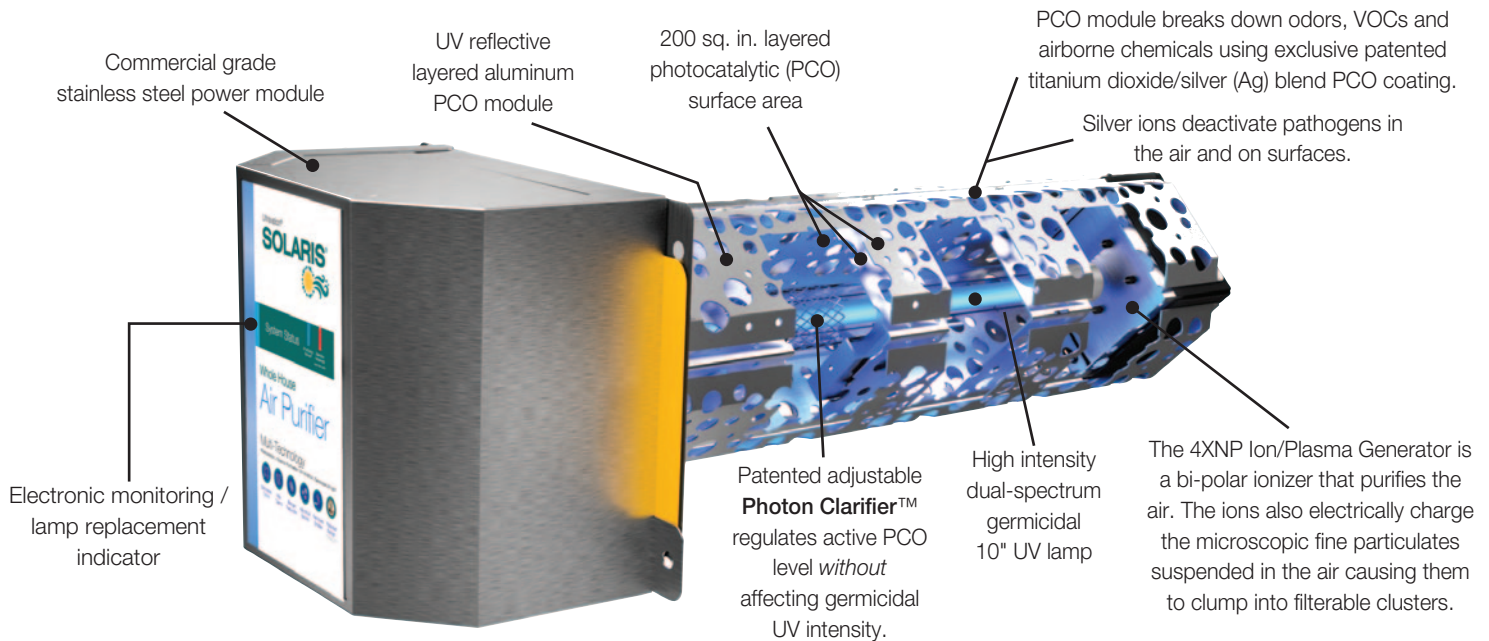
The **Solaris®** Whole House Air Purifier eradicates germs, allergens, odors and VOC/chemical pollution using multiple technologies. Dual-band germicidal UV light inactivates bacteria, viruses and allergens and powers photocatalytic oxidation that breaks down odors, VOCs and other airborne chemical pollutants. The 4XNP ion/plasma generator enhances air sterilization while causing microscopic particulates to gather in groups for easy capture in filtration. The innovative and patented titanium dioxide based photocatalytic formulation is enhanced with silver ions that inhibit bio-growth on surfaces.



With 2-year UV Lamp Warranty  
(see owner's manual for complete details)



Patented Design  
U.S. Patents 6,809,328/2 / 6,808,057/2  
TCEC formation 6,424,169



## Solaris Specifications

Model	Operating Range	Electrical	Voltage Source Range	Overall Depth	PCO Module	Power Module
SLX1024	Up to 3300 sq ft (adjustable)	24VAC 23VA	24 to 240 VAC (Multi-tap transformer)	14.5"	3.75"w x 3.75h" x 10.5"d	7.25"w x 5.25"h x 4"d

## UV Light Upgrade

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



Model	Description	Included features
EZLIGHT12-6P	12" Ultravation T3 lamp	UV shield 6 ft. cable Quick Connector internal / external mount bracket and magnet
EZLIGHT17-6P	17" Ultravation T3 lamp	



Made in USA!

Member:



EPA establishment number: 074725-VT-001

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