



Multi-Technology Air Purifier

Active Photocatalytic TiO₂ + 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
TCE Formulation 6,459,189

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 TiO₂ + Silver Ion Oxidation / 4XNP Plasma Ionization / Germicidal UV Light

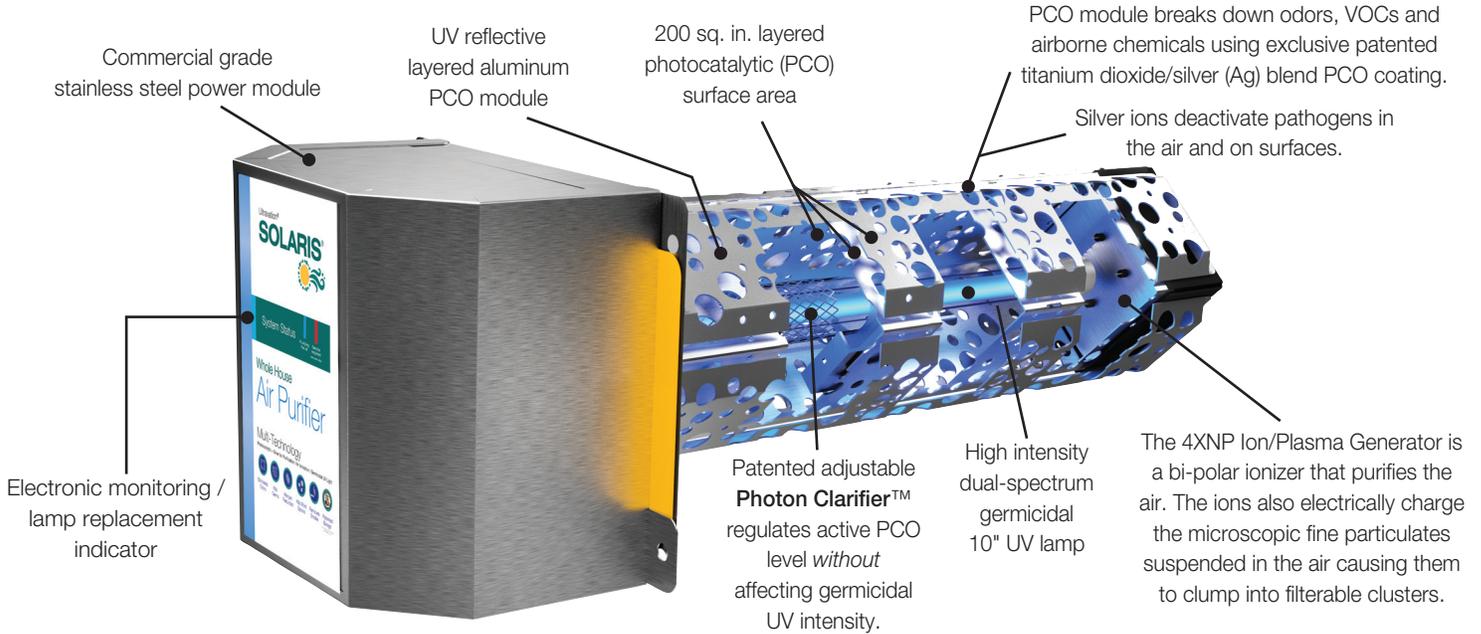
The **Solaris®** Whole House Air Purifier eradicates germs, allergens, odors and VOC/chemical pollution using multiple technologies. Dual-band germicidal UV light inactivates bacteria, viruses and allergens and powers photocatalytic oxidation that breaks down odors, VOCs and other airborne chemical pollutants. 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
TCD formation 6,428,169



Solaris Specifications

| Model | Operating Range | Electrical | Voltage Source Range | Overall Depth | Dimensions | Power Module |
|---------|-------------------------------|---------------|---------------------------------------|---------------|--|-----------------------|
| SLX1024 | Up to 5000 sq ft (adjustable) | 24VAC 23VA | 24 to 240 VAC (Multi-tap transformer) | 14.5" | PCO Module 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 | |



Member:



EPA establishment number: 074725-VT-001

Ultravation®
Professional Indoor Air Quality Products
ultravation.com