

Ultravation®

# SOLARIS®



Bring cleaner air to your life™

## SLX-CAT PCO Air Purifier with Activated-Carbon Pollution Capture Technology

**The Solaris SLX-CAT is a whole house PCO air purifier with the added benefit of using activated carbon to freshen the air while removing air contamination.**



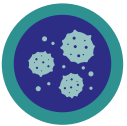
Eliminates  
Odors



Kills  
Germs



Allergen  
Reduction



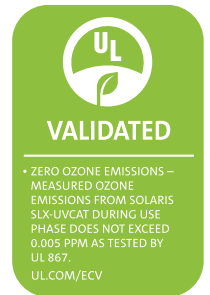
Stops  
Bio-growth



Removes  
Smoke

Activated-carbon is well known for its ability to adsorb odor, smoke — all types of airborne organics. Ultravation engineers set out to create a whole house air purifier that would take advantage of the properties of activated carbon, as well as disinfect the air and HVAC surfaces. The result is the Solaris® PCO Air Purifier with Activated Carbon Pollution Capture Technology. While old fashioned activated carbon filters become quickly saturated, the Solaris system is self-cleaning (continually renewed by the PCO process), so there are no filters to change, just its long life UV-C lamp which is replaced at three-year intervals.

- Whole house effectiveness up to 3300 sq ft.
- Breaks down odor molecules with 3X the photocatalytic power of others.
- Kills circulating airborne bacteria, viruses and allergens.
- Modular design for serviceability and facilitates installation.
- LEDs confirm UV lamp operation.
- 3 deep-bed carbon panels.
- Fits in 4.5 in. duct opening, yet expands to capture 3x more contaminants than single panel systems.
- 3-year UV lamp.
- Lifetime system warranty.
- No ozone emissions.



The Solaris PCO formulation is unique and highly effective because it is a blend of titanium dioxide with added silver and zinc.



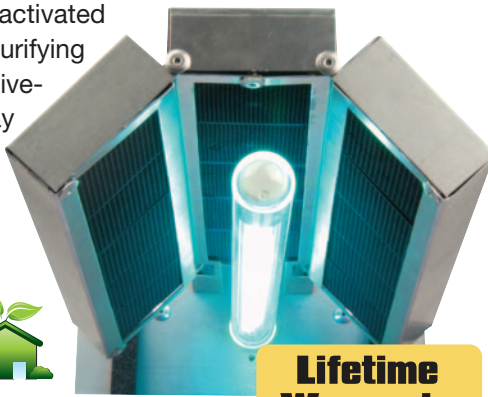
Call 866 468 8247 • sales@ultravation.com

## PCO Air Purifier with Activated-Carbon Pollution Capture Technology

SLX-CAT PCO is for whole house odor, VOC and airborne toxic chemical reduction and HVAC airstream disinfection to de-activate airborne bacteria, viruses and other biologicals without adding anything to the air such as perfumes or ozone.

Its three panels of deep-bed activated carbon cells provide the air purifying power for whole house effectiveness, installing out-of-the-way in HVAC ductwork, providing noise-free operation.

The optional plug-in UV Light™ for HVAC economically adds disinfection power for preventing bio-growth on HVAC coil, drain pan and other surfaces which enhances HVAC efficiency, *saving energy!*



**Lifetime Warranty**

*Excludes UV lamp with 3-year warranty*

The purifier features a specially treated activated-carbon filter system to capture airborne contamination. Each filter panel is infused with a patented\* PCO formulation. As the carbon captures contaminants, the PCO process—powered by UV light—breaks them down into harmless components—then releases them, recharging the activated carbon. This self-cleaning process makes the system almost completely maintenance free. Changing the UV lamp after 27,000 hours (3 years) of operation is all that is required.

**Three purification panels lead the industry in PCO surface area!**  
They fold in to simplify installation.



Folded for install or service



Deployed for operation

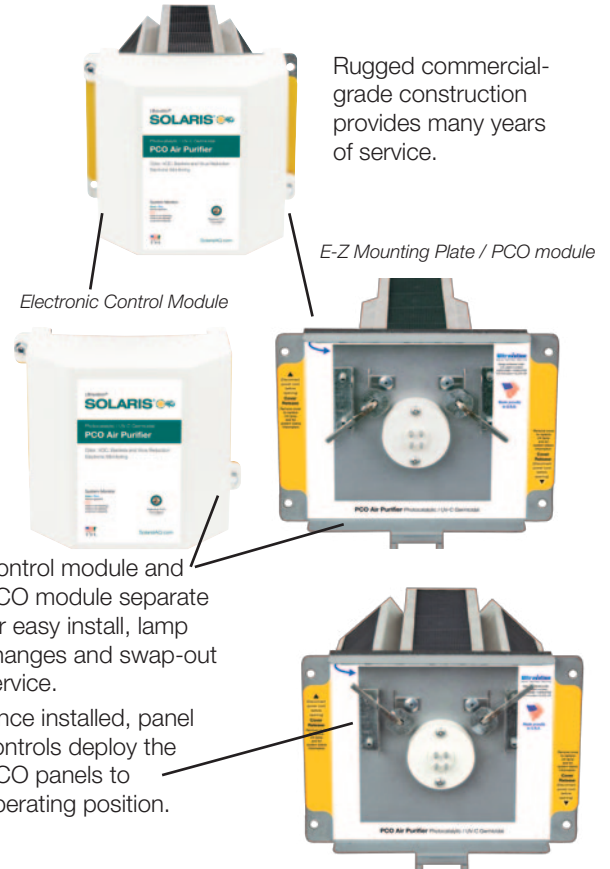


The Solaris 3X high performance PCO system features unique folding carbon PCO catalyst panels require just a 4.5 inch round opening for installation.

### Specifications

Model	UV Light for HVAC	Total Footprint - Controller / Plate	Duct Opening	Operating Voltage	Voltage Source Range
SLX-CAT24	not included	7 1/4" W X 5-11/16" H X 4"D	4.5"	24VAC	24 to 240 VAC

**SLX-CAT is compact and modular**  
Designed for effective air purification and easy installation.



Rugged commercial-grade construction provides many years of service.

E-Z Mounting Plate / PCO module

Electronic Control Module

Control module and PCO module separate for easy install, lamp changes and swap-out service.

Once installed, panel controls deploy the PCO panels to operating position.

### Additional features

- 24 - 240 VAC
- Lamp status indicator
- Directly powers remote UV light option for disinfecting HVAC coil and interior surfaces



Shown with optional UV Light for HVAC



Learn more at  
**SolarisIAQ.com**