

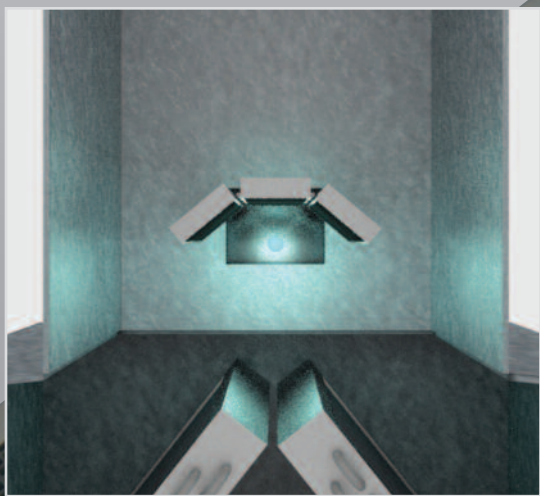
# UVCatalyst™

## Purify the air with activated carbon



UVCatalyst™ is a whole house air purifier that uses activated carbon, photocatalytic oxidation and ultraviolet light to remove odors and kill millions of airborne bacteria, viruses and mold.

Activated carbon is well known for its ability to adsorb odor, smoke — all types of airborne organics. Ultravation designers 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 **Ultravation® UVCatalyst™ TiO<sub>2</sub> infused carbon PCO air purifier** does all of this and more: **Maintenance is a breeze.** . . . The system is self-cleaning so there are no filters to change, just UV lamp changes at two-year intervals.



Shown fully deployed inside an HVAC plenum, the Ultravation® UVCatalyst™ needs only a 4.5-inch opening for installation.



Proudly Made in USA

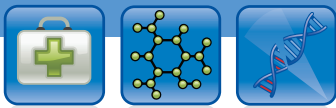


Excludes UV lamps

# Ultravation®

Professional Indoor Air Quality Products

Ultravation.com



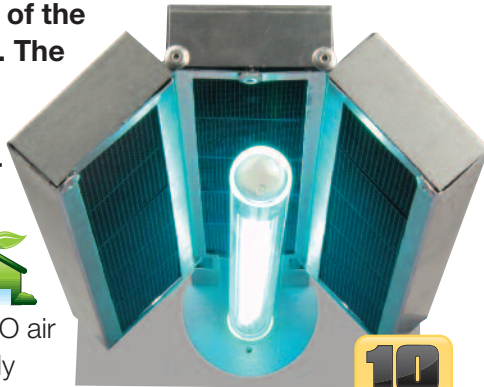
# UVCatalyst™

## TiO<sub>2</sub> Infused Carbon PCO Air Purifier

UVCatalyst™ is for whole house odor reduction and the disinfection of airborne bacteria, viruses and mold without adding anything to the air such as perfumes, ozone or active ions. Its three panels of activated carbon cells provide the air purifying power for whole house effectiveness, and it installs out of the way in HVAC ductwork. The optional EZ-Light™ UV HVAC surface and coil disinfection adds disinfection power and increases HVAC efficiency.



The UVCatalyst™ is a PCO air purifier that uses a specially treated activated carbon filter system to clean the air. Each filter block is infused with titanium dioxide (TiO<sub>2</sub>). As the carbon filter captures VOC odors and other organics, the TiO<sub>2</sub> — powered by UV light—breaks them down into harmless components and releases them, effectively recharging the activated carbon. This self-cleaning process makes the system almost completely maintenance free. Changing the UV lamp after 18,000 hours (2 years) of operation is all that is required.



**10**  
YEAR  
WARRANTY

*Excludes UV lamps*

UVCatalyst has extensive activated carbon surface area yet it installs easily.

### Unique folding activated carbon / PCO panels



*Folded for install or service*



*Deployed for operation*

High performance carbon filter PCO with easy installation is made possible by folding catalyst panel that require only 4.5 inch opening for installation.

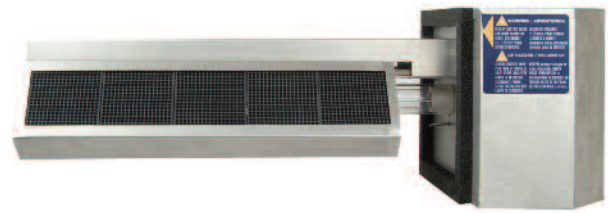
### Specifications

Model	EZ-Light	Total Footprint - Controller / Plate	Duct Opening	Operating Voltage	Voltage Source Range
UVCAT1224	not included	7 1/4" W X 5-11/16" H X 4"D	4.5"	24VAC	24 to 240 VAC
UVCAT1224-12R	12" included	7 1/4" W X 5-11/16" H X 4"D	4.5"	24VAC	24 to 240 VAC
UVCAT1224-17R	17" included	7 1/4" W X 5-11/16" H X 4"D	4.5"	24VAC	24 to 240 VAC

  
**Made in USA**

*UVCatalyst air purifiers produce no ozone*

Member:



**UVCatalyst is compact and modular.**  
Designed for effective air purification and easy installation.



*Electronic Control Module*

Stainless steel is used extensively for ruggedness and to provide many years of service.

*E-Z Mounting Plate / PCO 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.



- Premium 304 Stainless Steel Cabinet
- 24 - 240 VAC ESP3 Smart-Power
- UVLampMonitor
- Directly Powers Remote EZ-light UV-C Option for HVAC coil and interior surfaces



*Shown with optional EZ-Light*

**Ultravation®**  
Professional Indoor Air Quality Products  
[ultravation.com](http://ultravation.com)