

# Ultravation® **UVCatalyst™**

Carbon Capture Photocatalytic (PCO) Air Purifier  
for HVAC provides whole house air purification

*Enjoy fresher air  
with fewer odors &  
reduced allergens*

*UVCatalyst technology adsorbs and breaks  
down indoor air pollutants for cleaner,  
healthier air*

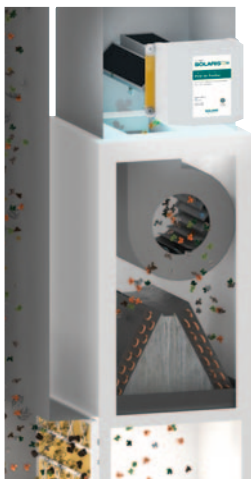


**Ultravation®**

Better Air | Better Water | Better Living™

# Nanotechnology brings better air to your home!

*UVCatalyst™ is ideal for whole house odor reduction and air disinfection using activated carbon, photocatalytic oxidation (PCO), and UV light to remove odors and kill millions of airborne bacteria, viruses and bio-growth!*



*UVCatalyst adsorbs and breaks down VOC odors, kills germs, and oxidizes allergens passing through your HVAC system.*

*UVCatalyst™ works at the molecular level and adds nothing to the air, such as perfumes, or ozone.*

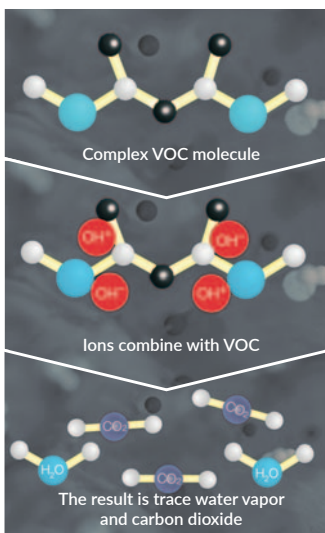
*Its unique three panels of activated carbon cells provide the air-purifying power for whole house effectiveness. It installs out of the way and works silently in your HVAC ductwork.*

## Powered by UV light, photocatalytic oxidation has the power to destroy the large organic molecules.

*Volatile Organic Compounds (VOCs) are a common component of indoor air contamination.*

*Shortlived charged ions created by  $\text{TiO}_2$  and UV light, attach to VOCs*

*...breaking them up to form simplified molecules of mostly water vapor and  $\text{CO}_2$*



# Ultravation® UVCatalyst™

Carbon Capture Photocatalytic (PCO) Air Purifier

- **Beyond filtration** UVCatalyst™ uses activated carbon to capture and break down all types of air contamination at the molecular level, including household odors from pets, foods, cooking, garbage, paint, cleaning agents, and musty damp smells.



- **Germicidal** UV and PCO work together to destroy bacteria and viruses in the HVAC airstream.
- **Allergy relief** Allergens, bio-growth and irritating VOCs circulating through your air conditioner are oxidized and destroyed in the PCO process.
- **No ozone** UVCatalyst™ oxidizes contamination breaking it down at the molecular level without the use of ozone.



## A whole-house air purifier that uses activated carbon, UV light and a catalyst to destroy indoor air pollutants!



**3-Year UV  
Lamp Life!**

Did you know that 50 to 75% of air contamination in most homes is just too small for filters to catch?

The **UVCatalyst™** is designed to reduce the kinds of indoor air pollution that filters — even HEPA filters — can't capture!

UVCatalyst™ focuses on the smallest air contamination such as viruses, airborne toxins and volatile organic compounds (VOCs) and odors. Activated carbon infused with a proprietary PCO formulation captures odors and microparticulates. The captured contamination is broken down to form normal components of air and released. The process self-cleans the activated carbon keeping it continuously ready to capture the next pollutant.

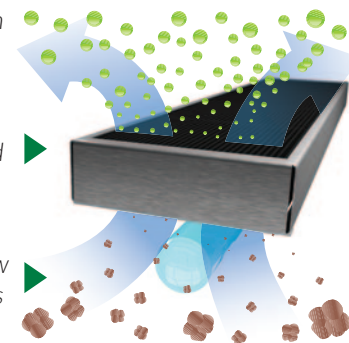


**Patented  
Formulation**  
U.S. Patent 6,429,169

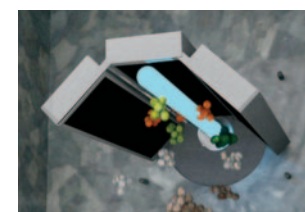
The titanium dioxide infused activated carbon  
3X PCO Air Purification Module captures odors, VOCs, and airborne toxins

PCO plus UV breaks down common household odors and microbes leaving healthier, fresher smelling air.

Germicidal UV is emitted below the purifier to sterilize surfaces inside the HVAC system



Folded, the UVCatalyst installs needing just a **4.5-inch opening** in HVAC ductwork.



When installed, the UVCatalyst™ expands to **capture 3X more contamination** than other systems.

### Plug-in option to expand the purifier's disinfection capabilities

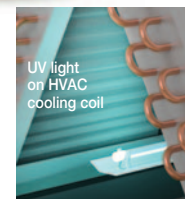


**Optional Ultravation germicidal  
EZ-Light 6P™**

**Eliminate HVAC interior bacteria and other bio-growth, increase airstream disinfection and improve HVAC cooling efficiency!**

The perfect partner for the UVCatalyst™ purifier is the optional germicidal UV light.

**Powered by the purifier**, the UV light keeps the HVAC coil clean of clogging and insulating bio-films that reduce energy efficiency and can be a major source of mold allergen. Connect a germicidal UV light to your UVCatalyst™ purifier for **HVAC coil and interior surface disinfection and energy savings.**



## Ultravation®

Better Air | Better Water | Better Living™

Learn more at [Ultravation.com](http://Ultravation.com) | 866 468 8247

# UVCatalyst™



## Features

Photocatalytic odor control	Breaks down odor molecules with 3X the photocatalytic power of others
HVAC airstream	Kills circulating airborne bacteria, viruses and allergens.
Whole house effective	Up to 3300 sq. ft.
Optional UV Light	Add-on UV light stops biogrowth on wet HVAC coil, drain pan and blower.
Modular design	For ease of serviceability and facilitates installation
UVLampMonitor™	For operation assurance and lamp replacement reminder
Installation	Fits in 4.5 in. duct opening, expands to capture 3x more contaminants
Lifetime warranty	All parts and electronics, excludes UV lamp
No ozone	PCO Air Purifier emits no ozone

## How to buy UVCatalyst™ for your home

**UVCatalyst™ is sold and installed by HVAC Professionals**

UVCatalyst™ is a comprehensive system that will offer best performance when installed by an indoor air quality expert, who can help you evaluate your home's IAQ needs, your particular HVAC system, find the best location for the equipment and adjust it for peak performance. Need to find a contractor? Find one by visiting us at **Ultravation.com**



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Since 2000 • Ultravation.com  
Ultravation, Inc.

Install in accordance with owner's manual instructions and safety guidelines, as well as national and local electrical codes.

Ultravation reserves the right to change product specifications at any time without notice. The product images may not be an exact representation.

EPA establishment number: 074725-VT-001

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Ultravation's T3™ system is protected by US patents 6,809,326B2 and 6,838,057B2 • Form UVCAT-ISVT-1313645-1223