

Clean Air Beyond Filtration

# synergy

PCO • ION • UVLED

Activated Carbon / Photocatalytic (PCO) / UVLED / ION Air Purification

## Whole House Air Purifier for HVAC

Tri-panel TiO<sub>2</sub> + Silver/Zinc Ion infused-carbon pollutant oxidation  
8XNP Ion-Plasma Generator / UVLED technology



Fits all HVAC systems

**Ultravation**<sup>®</sup>  
Better Air | Better Water | Better Living<sup>™</sup>

## Go Beyond Filtration!

# Enjoy fresher, cleaner and healthier air in every room!

The Synergy Activated Carbon / PCO Air Purifier for HVAC combines multiple air treatment technologies that work together to remove air contamination that is simply out of the reach of even the best filters.

- **Silent, out of the way and whole house effective!** Purifies the air circulating through your HVAC system.
- **Destroys household odors** from kitchens to laundry rooms—even bathroom and swimming pool odors.
- **Kills bacteria and viruses** circulating in the air and on surfaces—including countertops.
- **Microscopic pollution is gathered into larger filterable groups** for unprecedented removal of minute airborne irritants.
- **Freshens the air** in the same way a summer storm clears the air of contamination.

O<sub>3</sub> NO OZONE

Hg NO MERCURY

Multiple technologies combine to go beyond filtration to improve the air at the microscopic and molecular level!

UVLED TECHNOLOGY

USES LESS THAN 15 WATTS

The catalytic process is energized by highly efficient UVLED light technology that makes Synergy effective for homes or buildings up to 5000 ft<sup>2</sup> while using only 23 watts of energy.

IONIZATION TECHNOLOGY

Synergy's 8-pin air ionizer system augments synergy's purification power, and works to reduce nano and micro particulates suspended in the air. The release of Synergy's positive and negative ions destroy germs and allergens in the air and causes suspended particulates to stick together forming groups large enough for capture in filtration.

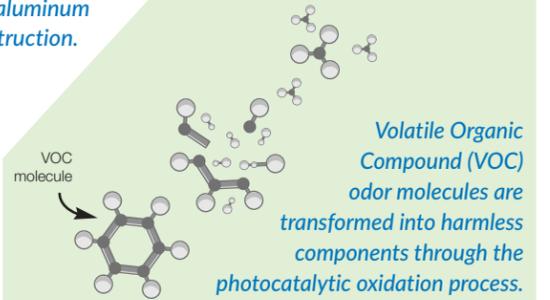
CARBON CAPTURE PHOTOCATALYTIC TECHNOLOGY

Synergy's activated carbon panels are infused with a proprietary (patented) titanium dioxide (PCO) formulation that excels at pollutant capture and oxidation, enhancing disinfection power.

PATENTED FORMULATION  
TiO<sub>2</sub> FORMULATION 6,429,169

Commercial grade stainless steel and aluminum construction.

PCO purification works at the molecular level



ELIMINATES ODORS

KILLS GERMS

ALLERGEN REDUCTION

STERILIZES MOLD SPORES

REMOVES SMOKE

GROUPS MICRO-PARTICULATES FOR FILTER CAPTURE



Ultravation®

synergy  
PCO • ION • UVLED

Clean Air Beyond Filtration

Ultravation®

# synergy

PCO • ION • UVLED

Activated Carbon / Photocatalytic (PCO) / UVLED / ION Air Purification for HVAC

## Features

## Benefits

HVAC integration

Whole house effective! The HVAC system circulates all the air in the home though Synergy purification for silent, even and unobtrusive IAQ improvement.

Patented Photocatalytic + Silver/Zinc ion purification

Destroys odors, VOCs, toxic gases and microbials.

Three activated carbon panels

More contamination capture than any other purifier in its class.

Self-cleaning

PCO process continuously restores activated carbon.

8-pin positive and negative ion generation

Friendly ions freshen the air and enable microscopic particulate filtration.

Uses only 23 watts of power

Very low energy consumption.

Cycles with HVAC system

Can be synchronized with HVAC system or to operate 24/7.

Environmentally friendly

No ozone emitted. Non-hazardous disposal with no mercury content. Ruggedly constructed of stainless steel and aluminum. Long lasting *and* highly recyclable. No plastic panels.

No maintenance for 4 years!

Purification Module is replaced every 4 years and includes latest updates of UVLEDs, ionization and electronics.

Warranty

LIFETIME on enclosure and carbon capture panels  
2 years Purification Module

24 VAC power

Low voltage—adapts to any HVAC system (transformer included).

**Warning:** This product is sold only through and must be installed by professional HVAC contractors. Improper installation can result in damage to the UV system and/or HVAC equipment. Human exposure to UV light damages eyes and skin. This product is not intended for sale on the internet or in retail stores.



Replaceable UVLED and ION/Plasma generator lasts 4 full years



Members:



Improving Indoor Air Quality Since 2000

**Ultravation®**

Better Air | Better Water | Better Living™

[ultravation.com](http://ultravation.com)