

Ultravation®

UVPhotoMAX™

Germicidal UV-C /
Photocatalytic (PCO) Air Purifier

Create healthier air for your home! Reduce odors, VOCs and kill airborne bacteria and viruses while freshening the air

Ultravation®
Better Air | Better Water | Better Living™



Purify the air circulating through your HVAC system to improve Indoor Air Quality...

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UVPhotoMAX™ Germicidal UV-C / Photocatalytic (PCO) Air Purifier

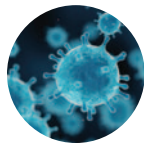
Kills airborne germs and reduces household odors and VOCs as they pass through air conditioning

UVPhotoMAX's patented PCO formulation* works to destroy airborne chemical fumes by breaking down the molecules of VOCs, odors and biological contamination into substances naturally found in the air. Nothing is added to the air such as ozone or chemicals!

- **Air disinfection** 254nm UV-C light kills airborne bacteria and viruses — like those from coughs and sneezes — as they circulate through the air conditioner.
- **Odor reduction:** Sourced from many conditions and activities such as cooking, pets, laundry, smog, bathrooms, trash, exercise rooms, pools.
- **Breaks down potentially toxic VOCs** from cleaning agents to home projects, to new carpeting and paint.
- **Breaks down smoke** in the same way the photocatalytic converter in your car operates.
- **Allergens** are captured and destroyed.
- **Energy efficient!** Uses no more power than a small light bulb.
- **Unobtrusive and silent** Installs out of the way in the HVAC system, and has no fans or blowers to add noise.
- **Uniquely adjustable:** The patented* UVPhotoMAX PCO purification level adjusts to fit your needs independently while maintaining full airstream disinfection power.
- **Exclusive expansion option:** An additional remote UV lamp can be connected and positioned to disinfect the HVAC coil area, amplify airstream disinfection and even save energy! (See EZ-Light 6P at right.)



Listeria



Coronavirus



Bacteria



Smog and Smoke



Ultra-fine dust

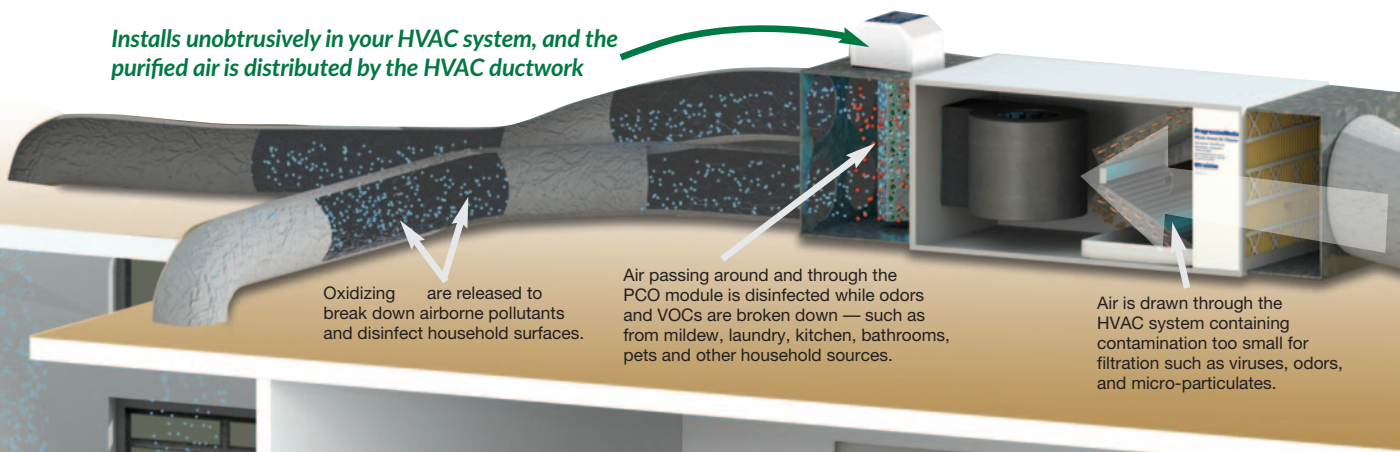


Household odors



*Patented Design and PCO Formulation
U.S. Patents 6,809,298B2 / 6,838,057B2
TiO2 formulation 6,429,169

Installs unobtrusively in your HVAC system, and the purified air is distributed by the HVAC ductwork



Oxidizing agents are released to break down airborne pollutants and disinfect household surfaces.

Air passing around and through the PCO module is disinfected while odors and VOCs are broken down — such as from mildew, laundry, kitchen, bathrooms, pets and other household sources.

Air is drawn through the HVAC system containing contamination too small for filtration such as viruses, odors, and micro-particulates.

Air purification — beyond filtration!

Particulates: Microscopic particulates are electrically charged which groups them for collection in filtration.

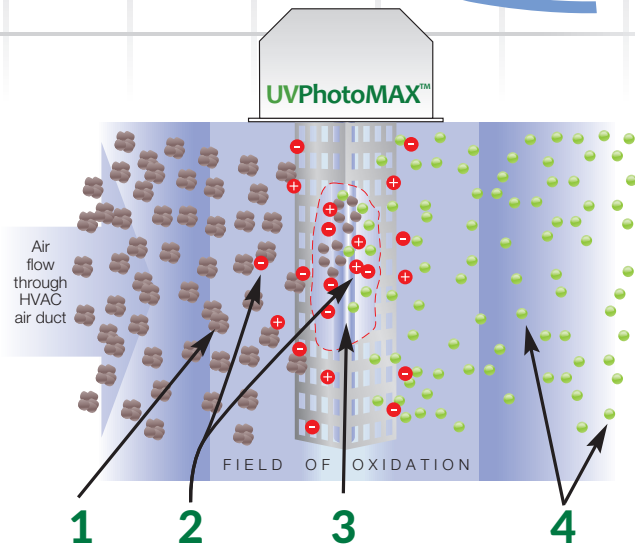
Biologicals: Bacteria, viruses, including SARS, MRSA, e-coli.

VOCs: Odors like perfume, dirty sock smells, bathroom smells, smog... relief from asthma, COPD.

How Photocatalytic Oxidation works

Ultravation® Adjustable Active PCO Technology**

- 1 Organic contamination including odors, bacteria and viruses enter module's PCO field of oxidation in the HVAC air duct.
- 2 Ions created by the patented and adjustable active PCO /Dual-Spectrum UV system combine with and break-up air toxic chemical and microbial contamination.
- 3 UV light energizes the TiO₂+silver/zinc PCO process and reinforces airstream disinfection.
- 4 The result is neutralized non-odor molecules (mostly trace amounts of water vapor and CO₂), and de-activated microbes.



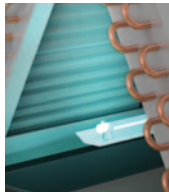
Recommended option for UVPhotoMAX™

EZ-Light 6P™



Germicidal UV-C lamp for HVAC

The EZ-Light 6P installs near the cooling coil. Its germicidal UV-C light disinfects the cooling coils, drain pan, blower and other surfaces.



STOPS HVAC bio-contamination!

Keep your HVAC system from generating bio-growth including allergens, bacteria and viruses on its wet interior surfaces particularly the coil, drain pan and blower.

A second UV lamp creates a system that increases disinfection power

A second UV-C lamp in the HVAC airstream delivers a higher pathogen "kill rate".

Reduces HVAC energy consumption

Bio-growth on wet HVAC coil fins acts as a heat transfer insulator that reduces HVAC efficiency. UV disinfection keeps the cooling coil clean and efficient 24/7, which reduces your electric bill. It can also help avoid potential water damage by preventing the HVAC drain from becoming clogged with sludge from bio-growth. Powered directly by the UVPhotoMAX purifier, no extra ballasts or electronics to buy.



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Uniquely effective, commercial-grade construction, and smart features...

(and you can save energy with the optional EZ-Light 6P™)

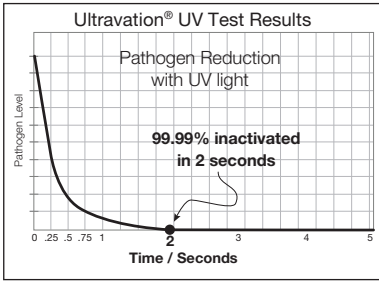
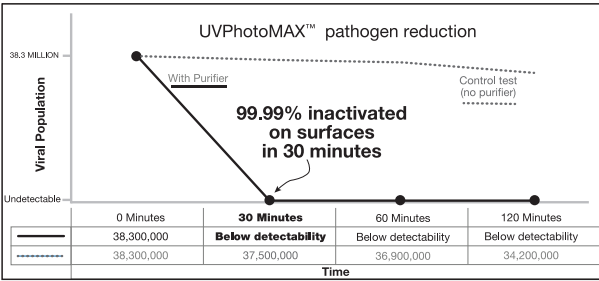


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|-----------------------------------|---|
| Photocatalytic (PCO) odor control | Active photocatalytic oxidation field breaks down the molecules of odors and other gases |
| Patented PCO formulation | Exclusive TiO ₂ +silver/zinc composition for the highest level adsorption of indoor air pollutants |
| HVAC airstream disinfection | UV-C light kills airborne pathogens / allergens |
| Whole house distribution via HVAC | Up to 6 ton / 2400CFM systems |
| Patented adjustability | Covers 500 sq ft to 3300 sq ft spaces |
| Dual-Spectrum UV lamp | Adjustable, active PCO technology* |
| 18,000 hour UV lamp life | One-year recommended replacement / two-year MAX |
| Easily expanded | Quick connection for optional EZ-Light 6P UV lamp ¹ for extended disinfection or 2nd PCO module |
| Commercial-grade construction | Premium components for maximum durability and longevity |
| UV lamp status | Displays lamp status. Notifies when UV lamp needs to be changed (SS-PTX) |
| Power | Available in 24VAC OR 110-240VAC models |
| Warranty | Lifetime ² (SS-PTX) Ten years ² (PTE) See owner's manual for full details |

¹ See inside for expansion options.

² Excludes UV lamps.

Performance Verification of Ultravation PCO and UV-C disinfection



Read the complete test reports at Ultravation.com

These products are not medical devices. Ultravation, Inc. makes no claim that they prevent or cure any disease. Ultravation, Inc. does not claim or suggest this product replaces any other precaution that should be taken against airborne pathogens. All guidelines of the CDC and EPA and other official authorities might recommend should be followed.

Ultravation IAQ systems are highly versatile, which enables us to create a perfect fit for your needs. Contact an **Ultravation Authorized Contractor**, as their technicians are trained to evaluate your IAQ situation and your HVAC system. They can quickly create an IAQ solution specifically for you.



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



Manufactured by **Ultravation, Inc.**

EPA establishment number: 074725-VT-001
Ultravation reserves the right to change product specifications at any time without notice.
The product images may not be an exact representation.

Ultravation is a member of these industry organizations:



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