

Whole House Air Purification for HVAC

Ultravation®

# UVPhotoMAX™ GI

Photocatalytic (PCO) Air Purifier



Healthier Air  
for Home & Office

**Ultravation®**

Better Air | Better Water | Better Living™

# UVPhotoMAX™ GI

## Whole House Multi Technology Air Purification

- **Destroys household odors, VOCs and other airborne chemical toxins**

From cooking and cleaning, to laundry, home projects, pets, bathroom and pool odors.

- **Kills bacteria and viruses**

Destroys microbes circulating through the HVAC airstream and on household surfaces.

- **Freshens the air while reducing microscopic particulates**

Just like a summer storm, UVPhotoMAX-GI ion technology breaks down impurities in the air like smoke and smog. The charged ions also cause very fine particulates to form groups large enough for capture in air filters.



**Lifetime Warranty**

Lifetime system warranty  
1-year UV lamp warranty  
See owner's manual for complete details.

**Ozone Free**

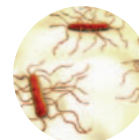
Conforms to UL 2998 (3rd Edition, July 10, 2020) clause 6.2, emittance of ozone not exceeding a concentration of 0.005 ppm.

Ultravation PCO goes beyond filtration to create cleaner, fresher and healthier air

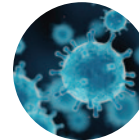
Air contamination comes in many forms, from many sources. Installed out-of-the-way in HVAC air ducts UVPhotoMAX-GI, silently uses multiple technologies to address a wide range of airborne contaminants including microbes, odors, airborne chemicals. It even facilitates the removal of micro-particulates in filtration.

A short list of microbes inactivated by UV light  
— Source: U.S. EPA

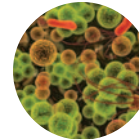
- |                        |                           |                         |
|------------------------|---------------------------|-------------------------|
| Legionella pneumophila | Stachybotrys atra         | Bacillus anthracis      |
| Fungi                  | Mucor ramosissimus spores | Diphtheria              |
| Dust mites             | Aspergillus niger         | Serratia marcescens     |
| Sick building syndrome | Adenovirus                | Neoformans              |
| Measles                | Coxsackievirus            | Neisseria meningitidis  |
| Tuberculosis           | Mycrobacterium kansasii   | Moraxella acinetobacter |
| Chicken Pox            | Mycrobacterium aviumintra | Haemophilus influenzae  |
| Humidifier Fever       | Streptococcus pyogenes    | Pseudomonas aeruginosa  |
| Microplasma pneumoniae | Cornebacterium            | SARS-CoV-2              |
| Penicillium expensum   |                           |                         |
| Cryptococcus           |                           |                         |



Listeria



Coronavirus



Bacteria



Smog and Smoke



Ultra-fine dust

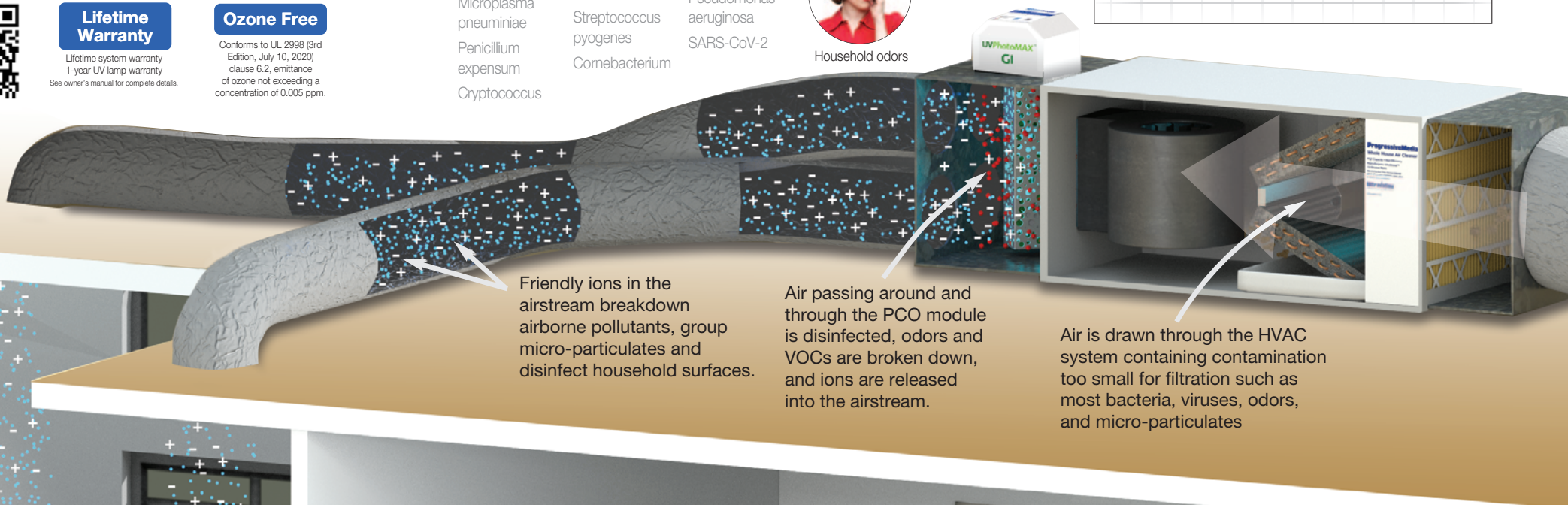
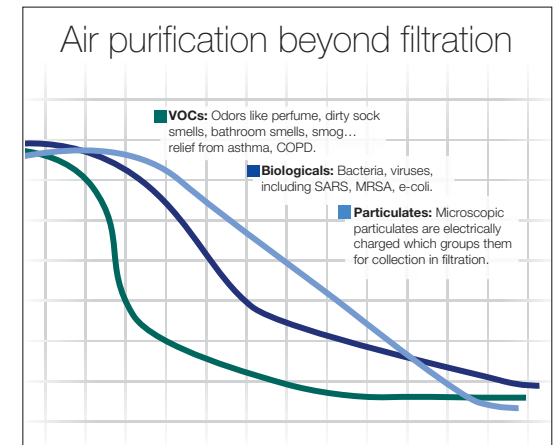


Household odors



Patented Design and PCO Formulation  
U.S. Patents 6,809,326B2 / 6,838,057B2  
TCO2 formulation 6,429,169

Ultravation is an American Manufacturer located in Brandon, Vermont

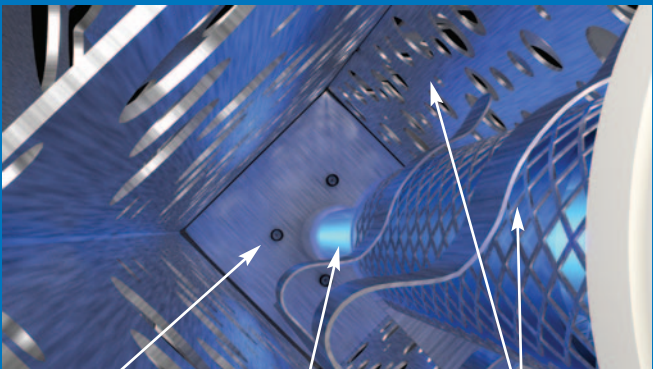


# Features

<b>Patented photocatalytic formulation</b>	Active photocatalytic (PCO) oxidation field breaks down the molecules of odors and other gases	✓
<b>Full size germicidal 254NM UV lamp</b>	10-inch UV lamp energizes the PCO formulation while disinfecting the HVAC airstream	✓
<b>Superior PCO Performance</b>	Leads the industry with over 200 square inches total PCO surface area	✓
<b>Freshens the air</b>	Ionizes and destroys air contamination like the natural air cleansing of a summer storm	✓
<b>Exclusive PCO adjustability</b>	Patented <b>Photon Clarifier™</b> adjusts PCO level while <i>maintaining full germicidal UV protection power</i>	✓
<b>Reduces extremely fine suspended particulates</b>	Microscopic particles become charged, causing them to attract and form much larger, filterable groups	✓
<b>Whole house distribution via HVAC</b>	Covers 500 sq ft to 3300 sq ft spaces, <i>adjusts up to 6 ton / 2400CFM</i>	✓
<b>Electronic monitoring</b>	Electronic, visual, and audible alarm	✓
<b>Easily expanded</b>	Optional UV lamp connects to arrest bio-growth on HVAC interior surfaces	✓
<b>Commercial-grade construction</b>	Rugged design! Installed in industrial, commercial as well as residential environments	✓
<b>Microprocessor control</b>	Includes lamp replacement notification	✓
<b>Lamp status</b>	LED UV lamp operation indicator	✓
<b>System Warranty</b>	Lifetime system warranty / 1-year UV lamp warranty. See owner's manual for complete details	✓

## Inside the Purification Module

### M U L T I P L E   T E C H N O L O G I E S



**Air Freshening  
Ionization  
Technology**

**254nm  
Germicidal  
UV-C Light**

**Odor and Chemical  
Photocatalytic  
Purification**

