



*Make your home a healthier home...*

# UltraMAX™

*Whole House Germicidal UV Air Treatment*



*UltraMAX™ uses UV light to  
kill **MILLIONS** of bacteria,  
viruses, allergens plus mold  
in the air and on surfaces  
inside your HVAC system.*

**Sustainability!**  
Making your  
home more green  
with UltraMAX™  
More inside...



**Ultravation®**

Professional Indoor Air Quality Products

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

# Dedicated to indoor air quality *perfection*...

Studies have confirmed that an unintended result of today's "tighter" homes and increased use of HVAC systems has led to increased indoor air pollution. Now, indoor air pollution levels can rise far beyond outdoor air—even 100 times more polluted!

Ultravation is dedicated to developing new ways to control indoor air contamination. Illness causing microorganism infestation, allergens, and bad odors caused by VOCs\* are all problems that can significantly affect the well being and comfort of every member of the household.

We are specialists in manufacturing products that help you effectively manage and optimize indoor air quality, while taking full advantage of all the energy saving "green" benefits you can bring to your home.

Our products are the result of studying the sources and causes of indoor air contamination, and combining proven techniques and new technologies to reduce it simply and effectively.



*Complete the process of creating the ultimate in home comfort and maximizing energy savings by optimizing air quality... with Ultravation.*

\*VOCs: Volatile Organic Compounds make up hundreds of household odors generated from common activities like cooking, cleaning and home improvement projects and even the family pet.

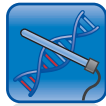
**Ultravation**<sup>®</sup>

Professional Indoor Air Quality Products

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



Bring the healthful power of sunlight *inside* for allergy relief, fewer colds, and to add freshness to the air



Ultraviolet light is nature's way of controlling airborne microorganisms

The Earth's ozone layer allows just enough UV light from the sun through the atmosphere to keep the air from being overly contaminated with bacteria and viruses. Since realizing this, people have harnessed the power of UV light to control biogrowth anywhere it is harmful. UV is used widely in the medical, pharmaceutical as well as the food and beverage industries to sterilize instruments, equipment, and especially water.

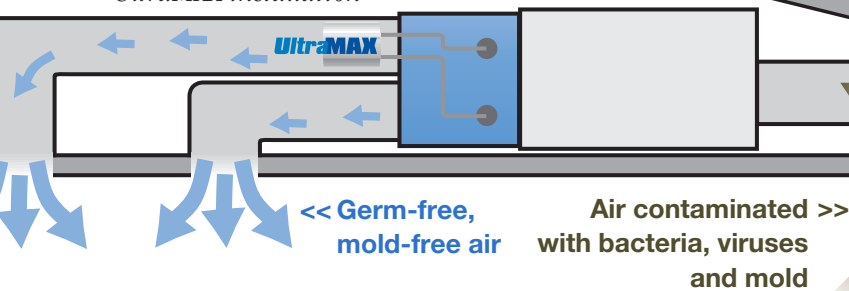


Bring sunlight home with **UltraMAX**. Installed in your HVAC system, it will silently work 24-7 to destroy airborne microorganisms circulating through the HVAC system. **AND**, UltraMAX's powerful UV kills mold and other bio-growth on interior HVAC surfaces, reducing mold spores — one of the top ten allergens, by the *millions!*

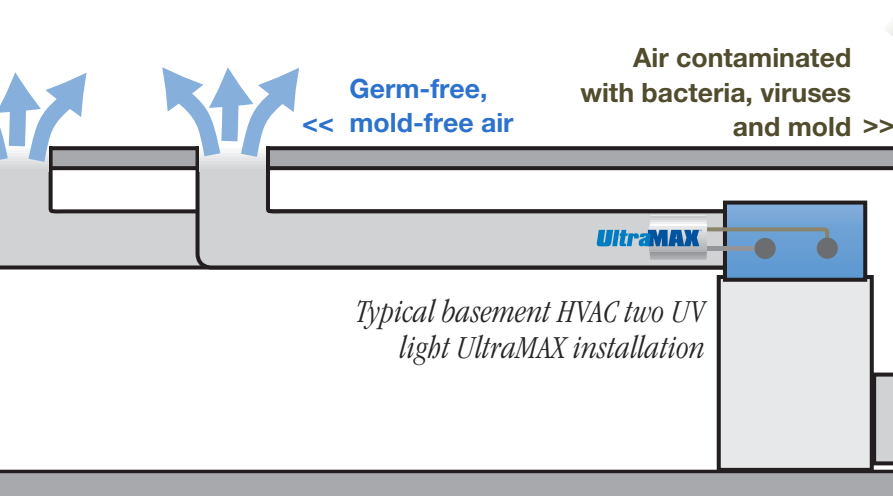
**UltraMAX™**



*Typical attic HVAC two UV light UltraMAX installation*



*Installing UltraMAX™ in your home*



UltraMAX™ helps you save energy, too!

- UltraMAX™ increases HVAC efficiency—by keeping components cleaner, saving energy.
- Reduces or even eliminates the need for messy and expensive chemical cleanings.
- UltraMAX provides 50% more UV intensity than others with *no increased power consumption!*
- UltraMAX™ costs no more to operate than energy saving fluorescent lights.
- UltraMAX UV lamps last up to twice as long.

# Ultravation® leads the industry in germicidal UV-C air and surface treatment equipment for HVAC systems

**Convenience and Safety.**  
UVLampMonitor microprocessor control triggers audible and visual alarms to remind when to change UV lamps, or to notify if a lamp goes out.

**Status Display.**  
Confirms lamp(s) operation, and expiration status including 30 days advance notification.

**Patented\*\* T3™ UV lamp.**  
With safety connector system and unique quartz thermal lamp sleeve — an important key to the superior UV performance of UltraMAX™.

**UV Shield.**  
Keeps UV only on areas that need disinfection and away from sensitive areas.

**Requires no extra space.** Compact 5" x 6 1/8" galvanized cabinet attaches to convenient flat surface nearby HVAC system.

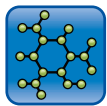
**Energy efficiency and power.**  
State of the art ESPII electronic power supply runs cool and better controls lamps, saving energy.

**UltraMAX Gold (shown)**  
UMX-1224T with single 12" T3™ UltraMAX UV lamp, shown with optional UV internal mounting bracket.

**Made in USA**  
All Ultravation air purification products are manufactured in our Vermont facilities. See a manufacturing video and learn more about our products at [Ultravation.com](http://Ultravation.com)



Scan this code with your smart phone for more information.



## Add Ultravation **Refresh™** for whole house odor reduction

Everyday activities from **cleaning** to **cooking**—even **pet odors** can get trapped inside your home, too. The Ultravation® ReFresh™ Photocatalyst Odor Reduction system, works something like your car's catalytic converter to decompose odors. Powered by the UV light coming from the UltraMAX system, it uses our proprietary titanium dioxide compound to chemically breakdown VOC\* odors. The module breaks down odors, from hundreds of sources and module requires no maintenance or scheduled replacement, in a filtered HVAC system.

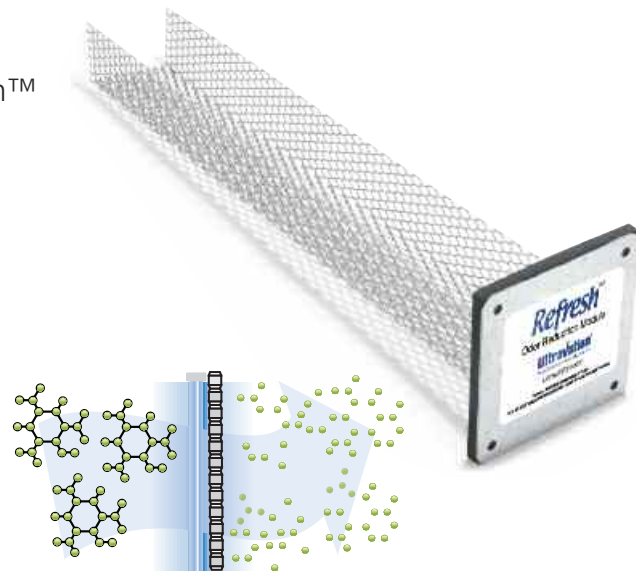


Leftover cooking smells

Pet odors

Paint and other projects

\*VOCs are Volatile Organic Compounds. They make up hundreds of household odors that are generated from common activities like cooking, cleaning and home improvement projects.



The ReFresh™ system uses a UV light powered photocatalytic process to break up odor molecules into harmless components.  
Learn more at [Ultravation.com](http://Ultravation.com)

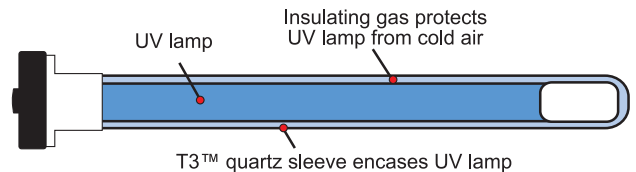
# Why is UltraMAX™ better?

50% more germ killing UV power is just the beginning!



Patented **T3™** Remote UV lamp system—  
*50% more germ killing UV intensity.*

Ultravation® **T3™** patented\*\* UV lamp system **maximizes UV intensity** of low power lamps through thermal optimization—No other UV system can offer more disinfection power or longer lamp life. **And UltraMAX UV lamps generate no ozone.**



ESP<sup>2</sup> keeps track of your UV system...  
*So you don't have to.*

Digital electronics track lamp conditions to optimize lamp output power on all models. But the Gold Series on-board microprocessor does a lot more: It monitors lamp status at all times and sounds an alarm to tell you when to change lamps for optimized airstream disinfection (with a 30 day convenience reminder).



Built to perform, built to last.  
*The UltraMAX™ 10 year warranty means you can count on it.*

The Ultravation® **10 year UV system warranty** is unmatched. And you'll save money and the environment when you use your lamps for their **2 year maximum life span** (Please note: for people with severe respiratory conditions or other acute sensitivities we still recommend annual lamp changes).



Installed by HVAC professionals  
*They'll help you choose the right model*

There's an UltraMAX™ to fit any HVAC system, but there are many systems and configurations across the country. Your HVAC professional will know which system is best and exactly where to place the UV lamps for best results. Visit [Ultravation.com](http://Ultravation.com) for more information.



Indoor air as healthy as  
 the great outdoors™

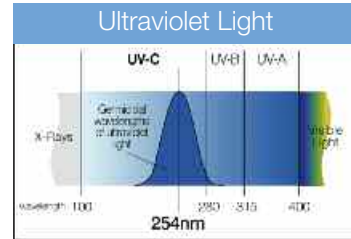


**Ultravation®**  
 Professional Indoor Air Quality Products  
[ultravation.com](http://ultravation.com)

# What is UV?

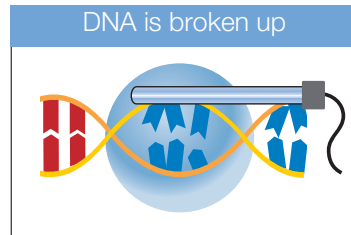
Ultraviolet (UV) light occurs just below visible light in the electromagnetic spectrum, is a component of sunlight, and is categorized into three sections, A, B and C. The “C” band of ultraviolet light (UV-C) is a natural disinfectant. Its use for sterilization is a proven technology, and has been used to control microorganisms since the 1930’s in medical and pharmaceutical applications, in the food and beverage industries, and in water treatment in homes, businesses and industry.

Its use for air treatment is more recent but it is now commonly found in many hospitals, pet centers, even office buildings.



## How UV disinfects...

UV-C has the ability to penetrate and break-up up the DNA of microorganisms, which renders them completely harmless. It is the same process that occurs outdoors with sunlight — as nature’s way of controlling airborne bacteria and viruses. However, UltraMAX™ generates and focuses UV light with much more intensity than occurs outside, and aggressively destroys airborne microorganisms and bio-growth, particularly mold that grows on the interior surfaces of HVAC equipment.



**Ultravation manufactures products that help you solve any indoor air quality problem!**

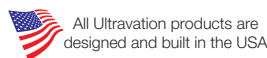
## Photronic: a whole house solution for air *purification*

**Photronic™ is a breakthrough in indoor air quality improvement because it combines airborne bacteria/virus/allergen removal, premium filtration and odor reduction in a single, integrated, whole house air treatment system!**

Photronic™ is *comprehensive air treatment!* It's a Multistage™ multi-technology air filtration/purification system, designed to remove all types of common household air pollutants!

Learn more at [Ultravation.com](http://Ultravation.com)

Member:



## Photronic™



**Ultravation®**  
Professional Indoor Air Quality Products

EPA establishment number: 074725-VT-001

Ultravation, Inc. • Toll Free 866.468.8247 Fax 802.287.9203 • [info@ultravation.com](mailto:info@ultravation.com) • [www.ultravation.com](http://www.ultravation.com)

Copyright © 2012 Ultravation, Inc. • ULT-UMXGL-0312Q8ITGP