

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

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.

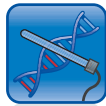
*VOCs: Volatile Organic Compounds make up hundreds of household odors generated from common activities like cooking, cleaning and home improvement projects and even the family pet.

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Bring the healthful power of sunlight *inside* for allergy relief, fewer colds and fresh smelling air



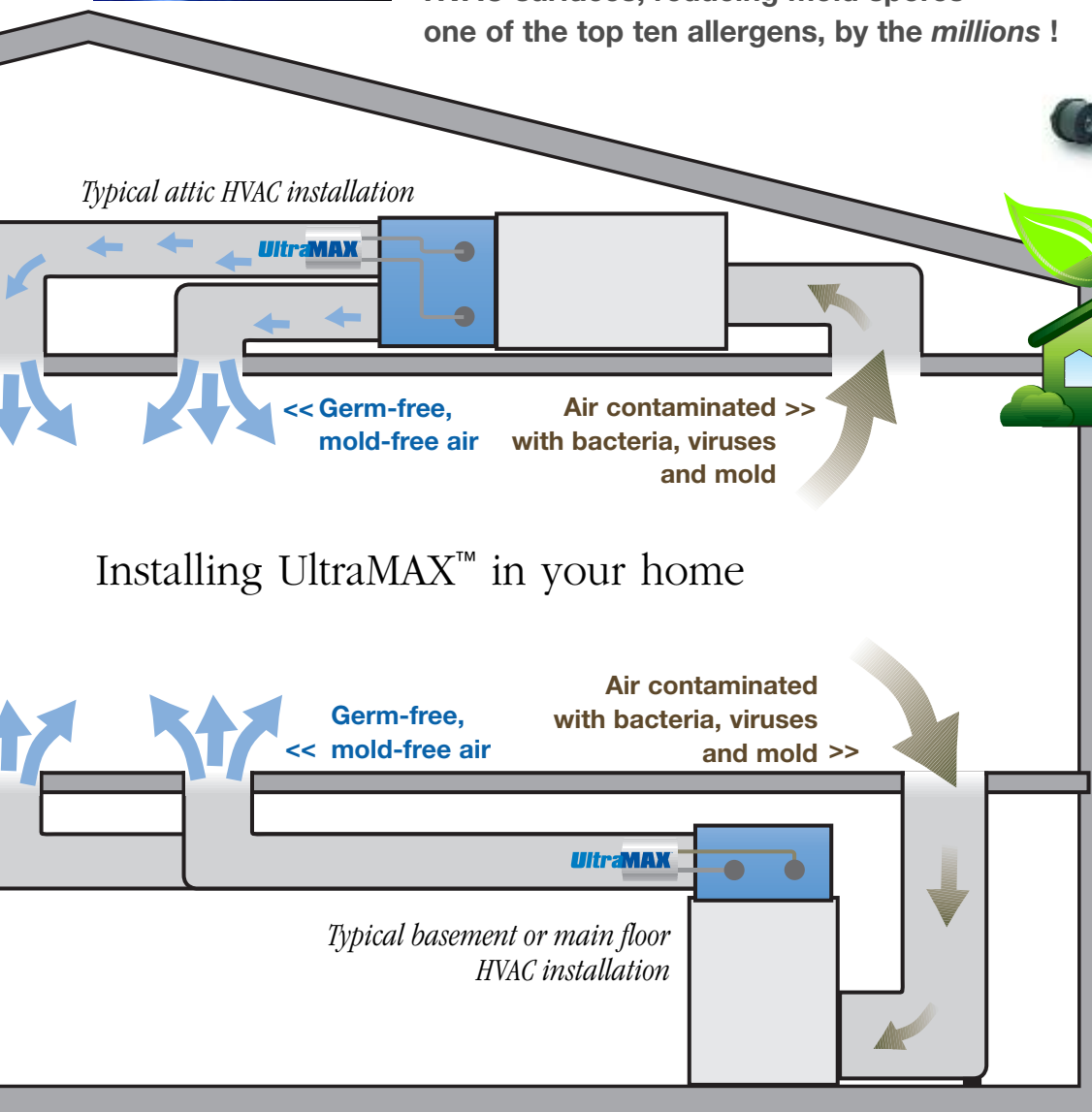
Ultraviolet light is nature's way of controlling airborne microorganisms

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™



UltraMAX™: for a better environment, 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



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™

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 ESP11 electronic power supply runs cool and better controls lamps, saving energy

Put UV where it is needed most.
Available mounting bracket focuses UV on needed areas and blocks UV from sensitive areas.

UltraMAX Gold Extreme
UMX-1224T with single 12" T3™ UltraMAX UV lamp, shown with optional UV focusing, internal mount bracket.



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.



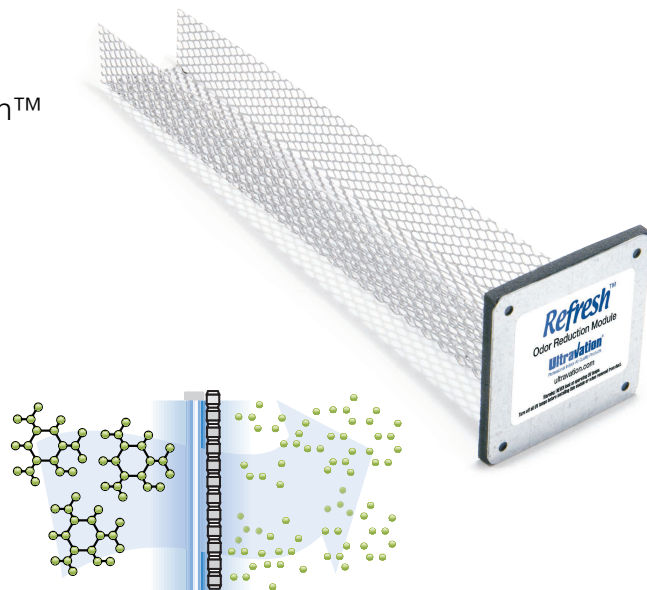
Leftover cooking smells



Pet odors



Paint and other projects



The ReFresh™ system uses a UV light powered photocatalytic process to break up odor molecules into harmless components.
Learn more at Ultravation.com

*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.

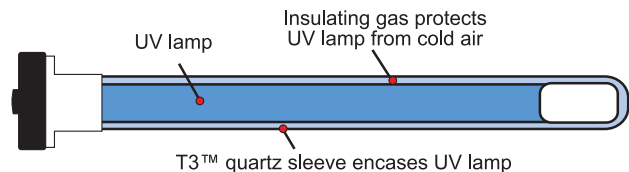
Why is UltraMAX better?

50% more UV 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.**



ESP² 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.
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 for more information.



**Indoor air as healthy as
the great outdoors™**

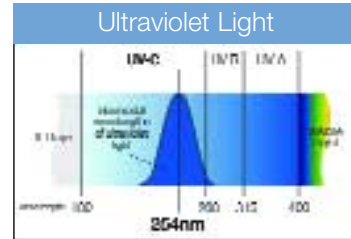


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What is UV?

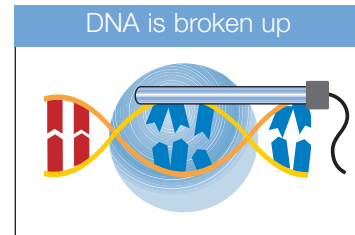
Ultraviolet (UV) light occurs just below visible light in the electromagnetic spectrum, is a component of sunlight, and is categorized into three sections, A, B and C. The “C” band of ultraviolet light (UV-C) is a natural disinfectant. Its use for sterilization is a proven technology, and has been used 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 is more than UV

We manufacture products that use multiple technologies to optimize indoor air quality

Germicidal UV, Premium Filtration and Odor Treatment in an integrated system

Photronic™ is a comprehensive, Multistage™ multi-technology air purification system designed to treat indoor air pollutants of all kinds!

Learn more at Ultravation.com

Photronic™



Members:



All Ultravation products are designed and built in the USA

Ultravation®
Professional Indoor Air Quality Products

EPA establishment number: 074725-VT-001

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