

Ultravation®

SOLARIS®



Germicidal **UV Light for HVAC**

Sterilizes HVAC equipment
Maintains efficiency—Saves energy!

*Works with
Solaris IAQ
Component
Systems and
Solaris (Non-LED)
PCO Air Purifiers*



Bring cleaner air to your life™

Let environmentally friendly, yet germicidal UV-C light improve the air you breathe

UV-C is high energy light that kills germs and surface bio-growth. It has the ability to penetrate through a microorganism's membrane and react with its DNA/RNA.

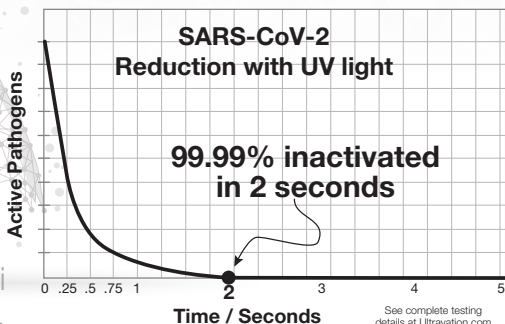
As UV strikes the DNA/RNA, the molecule is broken apart and the injured microbe dies off.

This simple reaction requires no chemicals nor does it create any by-products that you have to breathe or would have to be disposed of.

UV kills germs and surface bio-growth but is safe to use because it installs inside your HVAC system, away from pets, kids and grown-ups.

Independent lab performance testing confirms

Ultravation Solaris UV lights kill 99.9% of the SARS-CoV-2 virus that causes Covid-19 in 2 seconds!*



Just a few of the many pathogens UV-C is effective against — List source U.S. EPA

- Bacteria
- Viruses
- Legionella pneumophila
- Pollen
- Fungi
- Ragweed
- Dust mites
- Sick Building Syndrome
- Measles
- Tuberculosis
- Chicken Pox
- Humidifier Fever
- Microplasma
- Penicillium
- Haemophilus influenzae
- Cryptococcus
- Stachybotrys atra
- Neoformans
- Mucor ramosissimus spores
- Aspergillus niger
- Adenovirus
- Coxsackie virus
- Diphtheria
- Tidis
- Streptococcus pyogenes
- Bacillus anthraci
- Cornebacterium
- Serratia marcescens
- Neisseria meningi-



SOLARIS® UV Lights Improve Indoor Air Quality / Save Energy

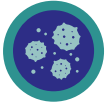
Kills Airborne Bacteria and Viruses

Destroys HVAC airstream and surface bacteria and viruses



Reduces Allergens

Destroys bio-growth on surfaces preventing allergen release



Stops HVAC bio-growth

Helps maintain peak HVAC performance



Stops HVAC odors

Eliminates musty odors from HVAC bio-growth



Saves energy!

A clean HVAC system uses less energy!



Patented Design

U.S. Patents
6,809,326B2 /
6,838,057B2

Ultravation, Inc. has been engineering and manufacturing UV-C products for home and industry for over 20 years.

UV-C disinfection is recognized and endorsed by ASHRAE*, the CDC and the EPA. In fact, it is the *only* air disinfection technology that is supported by ASHRAE as being effective.

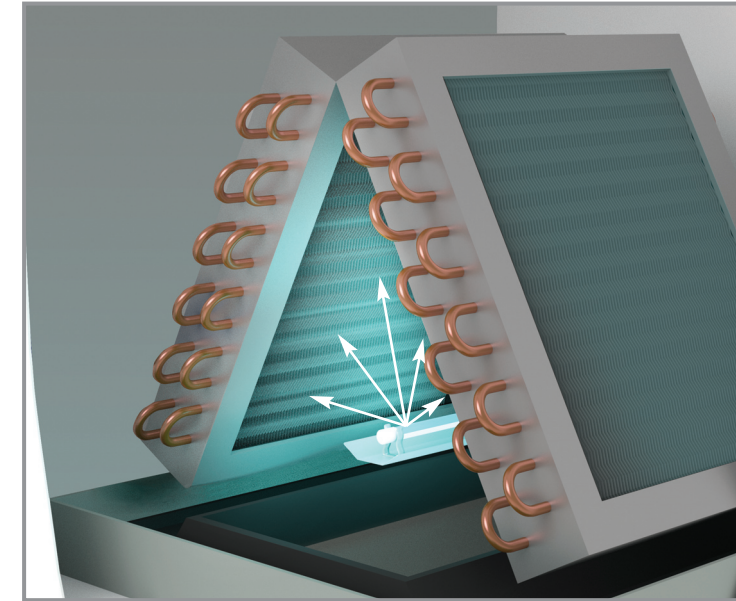
Surfaces inside your HVAC system are a common setting for microbial infestation. A thin bio-film growing on a cooling coil can significantly reduce cooling efficiency, wasting energy.

Solaris germicidal UV lights sterilize HVAC surfaces, eliminating HVAC interior bio-growth. They disinfect the HVAC airstream as well, inactivating airborne bacteria and viruses circulating through the HVAC system in a little as two seconds.

*American Society of Heating, Refrigerating and Air-Conditioning Engineers

FEATURES/BENEFITS

- **Keeps HVAC coil clean 24/7!**
An always-clean coil MAXIMIZES HVAC energy savings.
- **Whole house air quality improvement.** Stops HVAC-sourced allergens and pathogens.
- **40% more UV.** Solaris UV lamps provide high intensity without increased power consumption.
- **Long UV lamp life.** Solaris UV lamps last a minimum of 18,000 hours.
- **Works with Solaris family of IAQ Components** Only Solaris enables you to create a custom IAQ system! Add Solaris IAQ components to optimize your air while saving energy.
- Produces no ozone.



UV light disinfects the air conditioner's cooling coil, keeping it clean 24/7!



12" or 17" high intensity quartz sleeve UV lamp
6' connection cable with interface for Solaris IAQ Products



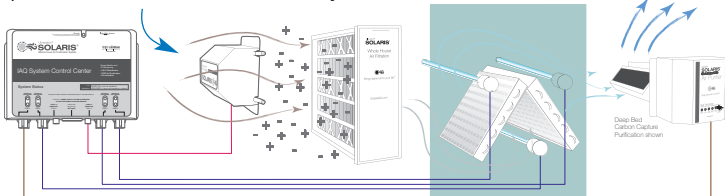
(See back panel for how it works integrated with a comprehensive Solaris IAQ System)



Using Solaris® UV Lights in a Solaris® Whole House Indoor Air Quality System

Household air with odors, allergens, VOCs and particulates of all sizes enter the HVAC system

Fresh clean air!



Solaris IAQ System Control Center power module operates electronics and monitors UV lamps (required in all Solaris IAQ Component Systems).

Air-scrubbing Air Ionizer groups micro-particulates for filter capture. Disinfects filter.

Hypo-allergenic Filtration for dust, dirt, and allergens. Also captures micro-particulates when used with ionizer!

Add UV lights to disinfect the wet HVAC coil and drain pan, and kills bacteria and viruses in the HVAC airstream. Eliminating HVAC bio-growth, saves energy, too.

Add PCO Air Purifier(s) to freshen the air, breaks down odors, VOCs, toxic fumes, and kills airborne bacteria and viruses.

Solaris UV Lights also easily connect and expand the surface and airstream disinfection capability of Solaris stand-alone (non-LED) PCO Air Purifiers



SOLARIS®

SolarisIAQ.com



made in VT
USA

Solaris® IAQ products are designed and manufactured in USA by

Ultravation®

Better Air | Better Water | Better Living™

Ultravation, Inc. • Ultravation.com

EPA establishment number: 074725-VT-001

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.

Ultravation reserves the right to change product specifications at any time without notice. The product images may not be an exact representation.
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