

Ultravation®

SOLARIS®

**Active/Adjustable
Whole House Photocatalytic
Air Purification for HVAC**

**Solaris IAQ
system
component**
*(requires
Solaris IAQ
System Control
Center)*



Odor reduction

VOC reduction

**Removes gases
and smoke**

Allergy relief

**Kills airborne
bacteria and
viruses**

Bring cleaner air to your life™



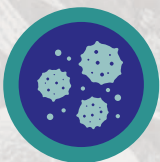
Eliminates
Odors



Kills
Germs



Allergen
Reduction



Stops
Bio-growth



Removes
Smoke

As air circulates through an HVAC system, many airborne microorganisms, odors, and other organics are so small they pass through the best filtration.

- **Today's more tightly constructed homes increase energy efficiency, but are more susceptible to indoor air contamination.**

- **According to the EPA, air pollution levels inside a typical home can be 2 to 5 times higher than outdoor air, and sometimes more than 100 times higher.**

Solaris air purification works to get indoor air pollution under control—particularly odors, toxic gases and bio-contaminants—using the disinfection and oxidizing power of UV light, photocatalytic oxidation, and friendly ions that freshen the air in the same way a thunderstorm purifies outdoor air!



SOLARIS[®]

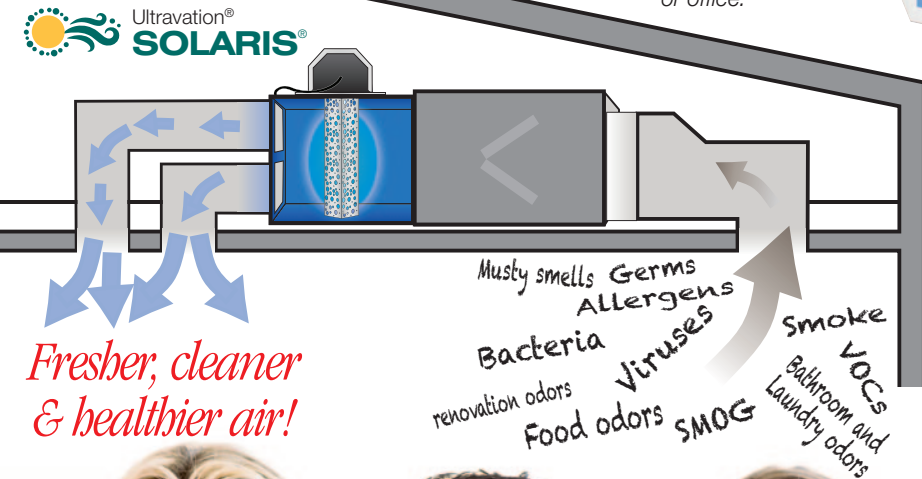
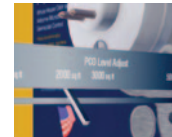
SolarisIAQ.com

Solaris® goes beyond filtration to eradicate germs, allergens, odors and VOC/chemical air pollution

This level of air purification can only be accomplished using multiple technologies

- Photocatalytic + Silver/Zinc Ion Contaminant Oxidation
- 4XNP Ion/Plasma Generator
- Germicidal UV Light

Solaris silently purifies the air circulating through your HVAC system to freshen the air in every room of your home or office.



Solaris® is the culmination of more than 20 years of experience in the application of UV light and other technologies for disinfection and decontamination.

- Breaks down household odors from kitchens to laundry rooms—even bathroom and pool odors
- Kills bacteria and viruses circulating in the air and on surfaces
- Electrically charges microscopic particulates enabling capture in household air filters

SOLARIS® Features

Photocatalytic odor control	Active photocatalytic (PCO) oxidation field breaks down the molecules of odors and other gases	✓
Dual Spectrum UV HVAC airstream disinfection	Two-bands of UV light kill airborne pathogens / allergens	✓
Superior PCO Performance	Unprecedented 200 square inches total PCO exposure surface area	✓
Freshens the air	Ionizes and destroys air contamination like the natural air cleansing of a thunderstorm	✓
Reduces extremely fine suspended particulates	Microscopic particles become charged causing them to attract and cluster into filterable groups	✓
Exclusive PCO adjustability	Patented Photon Clarifier™ adjusts PCO level while maintaining FULL UV germicidal protection power at all times	✓
Whole house distribution via HVAC	500 sq ft to 3300 sq ft spaces, adjusts up to 5 ton / 2000CFM	✓
18,000 hour UV lamp life	One-year recommended replacement / two-year MAX	✓
Auto shut-off	At 18,000 hrs—the end of useful UV lamp life. Saves energy!	✓
Commercial-grade construction	Rugged design, will provide many years of quality service	✓
UV Lamp operating status	Monitored by IAQ System Control Center power module (sold separately). Includes lamp replacement notification	✓
Warranty	Lifetime with 2-year UV lamp warranty	✓

Air purification component for use in a Solaris IAQ Whole House Indoor Air Quality System (See back panel. Works only with Solaris IAQ System Control Center power module.)



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



Ultravation®
SOLARIS® 

Whole House Air Purifier

Active/Adjustable Air Purification Module
for Solaris Component IAQ systems

Using the Solaris® PCO Air Purifier in a Solaris® Whole House Indoor Air Quality System

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

Fresh clean air!



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

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 purifier 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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Form ISVT 13645-1223