

Ultravation®

# SOLARIS®



## Whole House Filtration for HVAC



High-Capacity/High-Efficiency Filtration  
Rugged Steel Cabinets

# Ultravation®

Better Air | Better Water | Better Living™

Today, **indoor air is often more polluted than outdoor air**, due largely to advanced construction and renovation techniques that create tighter, more efficient houses.

Since tighter houses tend to trap airborne microorganisms, allergens and debris, paying attention to indoor air quality is more important than ever. According to the EPA, the accumulation of these elements can cause inside air to be as much as 100 times more polluted than outdoor air.



**SOLARIS<sup>®</sup>**

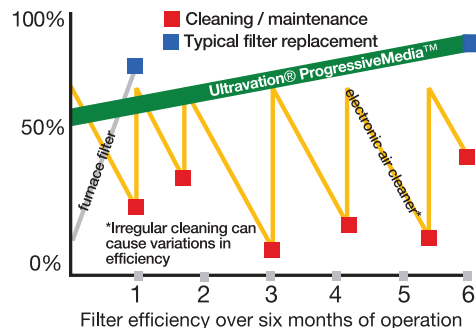
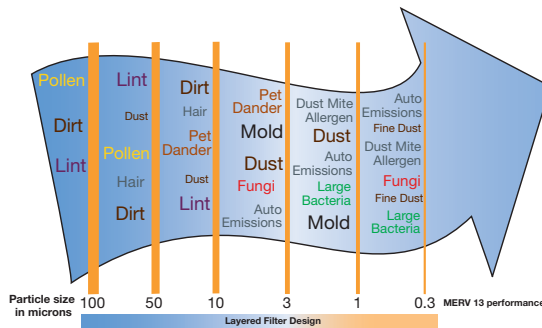
Bring cleaner air to your life<sup>™</sup>

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

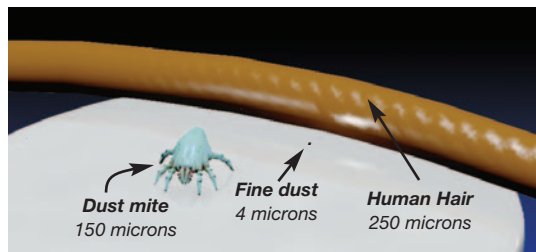
# SOLARIS® filtration captures 99% of particles five-microns and larger!

## ADVANCED DESIGN

Layered filter design captures an ultra-wide range of indoor air particulates with high efficiency, long life.



### The size of various contaminants



Learn more! Watch a video about the sizes of microscopic debris and airborne contamination!



## FILTER FEATURES

- **UltraStrand™ hypo-allergenic media** with continuous fibers. Important for those with allergies!
- Enjoy **whole house air quality improvement**. Each filter contains nearly 30 sq ft of folded/pleated high capacity filter media.
- **Long life!** Lasts 6 months to a full year.
- Filter fibers are **shaped** and **electrostatically charged** for superior particle capture.
- **Layered fibers** provide an even capture of debris through the thickness of the filter, keeping filter efficiency high while minimizing air flow resistance—reducing HVAC energy consumption!



Exclusive shaped fibers

### Available in two particulate capture performance levels

MERV 11 Professional Series		MERV 13 Premium Series	
Particle size in microns	Capture efficiency	Particle size in microns	Capture efficiency
0.3 to 1	20%	0.3 to 1	50%
1.0 to 3	65%	1.0 to 3	85%
Larger than 3	85%	Larger than 3	90%

- **Why MERV 13?** Because of its ability to capture very small yet harmful particles. According to ASHRAE\*, in the case of bacteria and viruses, they often travel in human generated aerosols from coughs and sneezes. The aerosol droplets are typically 1 to 3 microns in size. MERV 13 is highly efficient in capturing particles in that range (see above chart).

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

## CABINETS

- Available in Straight-through, Right angle and Support box configurations.
- Built to last! We manufacture with 100% U.S. origin, galvanized steel and paint with a rugged powder coat finish.
- Lifetime warranty
- **RECOMMENDED OPTION!** Ask about adding a Solaris micro-particulate air ionizer to enable your filter the capture of *even smaller* particulates!



See back panel for info on creating an IAQ system!

  
**SOLARIS®**  
SolarisIAQ.com

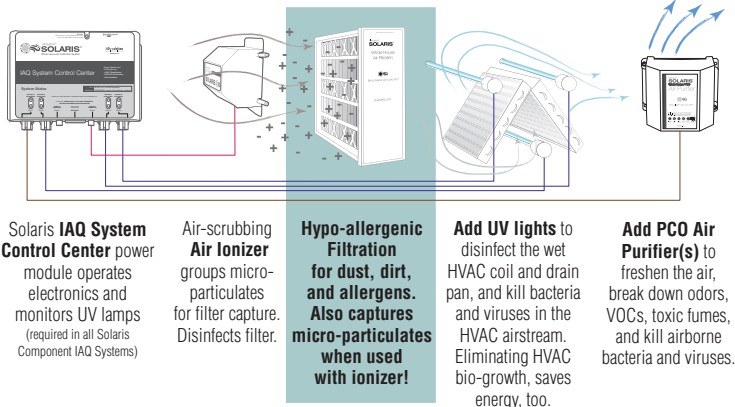
Learn more about Solaris® Filtration



## Using Solaris® Filtration 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!**



**Learn more about Solaris comprehensive whole house IAQ systems at [SolarisIAQ.com](http://SolarisIAQ.com)**



# SOLARIS®

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**Sold only through HVAC contractors**  
**Professional installation required**



Ultravation is an  
American Manufacturer  
in Brandon, Vermont.

## Ultravation

Better Air | Better Water | Better Livin'

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

Member:



Install in accordance with owner's manual instructions and safety guidelines, as well as national and local electrical codes.

EPA establishment number: 074725-VT-001

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