

Whole House Air Cleaner

Photronic™

Multistage™ Indoor Air Treatment

Ultravation®

Advanced technology for indoor air quality



- Captures or eliminates air contaminants as small as .01 micron!

Highly effective in capturing both large and small particles, Photronic™ systems utilize MERV 11 filtration and UV treatment together for unsurpassed performance, obtaining results that even HEPA filters can't provide.

The Photronic™ process is far superior to plate type and other electronic air cleaners

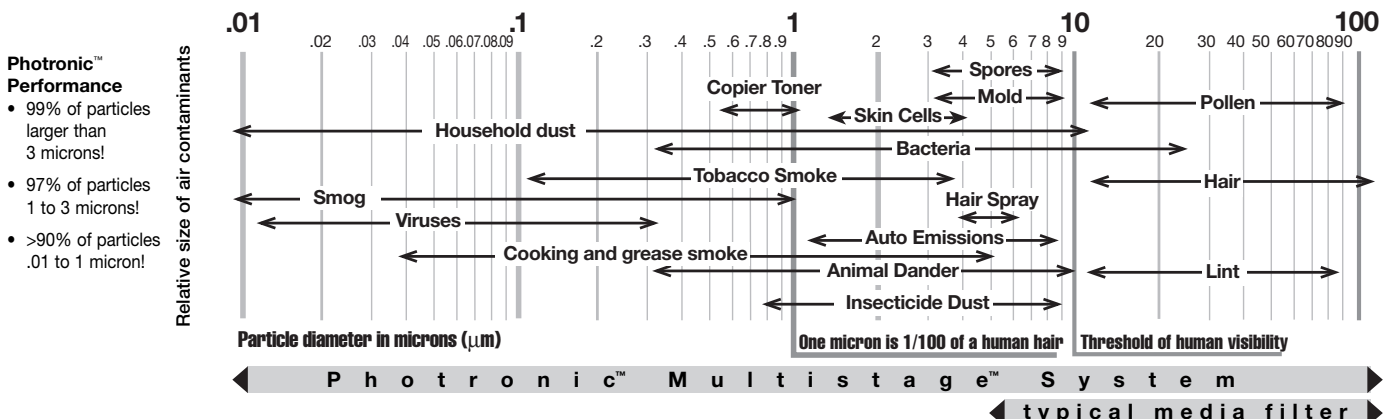
Photronic™ is the only system that offers top performance on every source of indoor air contamination, and works for an entire house. It's an HVAC component that installs in the same location as a media air cleaner. The Photronic catalyst requires no cleaning, and high performance MERV 11 filter media will last up to a year when used with optional pre-filter—providing highest consumer value and great performance as filter efficiency *improves* over time.

- **Neutralizes Odors**
Photronic™ photocatalytic air processing destroys odors from common household contaminants like smoke, pets smells, mildew and cooking odors. Leaves the air smelling fresh and clean.
- **Controls Mold**
Multipoint™ UV-C prevents mold growth on targeted HVAC components, preventing the spreading of mold throughout the house.

- **Traps allergens**
UV disinfection and MERV 11 filtration work in tandem for maximum allergy relief from typical contaminants like dust mites, pollen and mold.
- **Kills airborne germs**
UV light is by far the most effective air disinfectant with zero by-products.
- **Removes VOCs**
Reacts with paint fumes, new carpet and household cleaner smells to eliminate them.
- **Whole house effective**
No “gadgets” to take up space in the living room! Outperforms in every way, *any* floor standing so-called room “air purifier”, silently and unobtrusively.

Photronic™ is effective on all contaminants, large and small

Ultravation Photronic™ systems are designed to reduce or eliminate more household contaminants than any other single IAQ system.



Ultravation® Photronic™

Integrated Indoor Air Contamination Control

Whole House Progressive Media Filtration, Photocatalytic Odor Neutralization and Remote-lamp UV Treatment for HVAC Component Sterilization and Air Stream Disinfection

One System Effectively Treats All Contaminants

Each critical source of air contamination is addressed to dramatically improve indoor air quality with a single, easy to install system. It conditions circulating indoor air and HVAC equipment simultaneously to reduce biological and particulate air contamination *for an entire household*. A Photronic™ integrated air quality system, professionally installed, will outperform even complicated multi-component systems because of its balanced design. Each stage is engineered to compliment the others in a way no “pieced together” system can. And the whole system occupies little more space than most standard HVAC media air cleaners.

The Multistage™ System Progressive Filtration

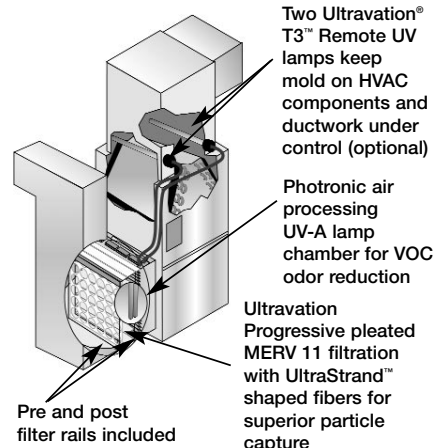
Ultravation® pleated MERV 11 (ASHRAE 52.2 Test Standard) air filters utilize state-of-the-art, UltraStrand™ shaped fibers formed into a gradient structure, with permanent electrostatic charging. This filter technology delivers all the benefits of electronic air cleaners yet don't require frequent cleaning for effective operation. **UltraStrand™** filters perform well beyond regular pleated filters as well, with an **initial dust spot efficiency of 51%** and an **average dust spot efficiency of 56%** while maintaining the **lowest pressure drop** in the industry—helping optimize HVAC energy efficiency. Ultravation® **anti-allergenic, high efficiency filtration** reduces allergens, dust and other particulate air contamination better than any standard filter and will not support microbial growth.

Photronic™ Air Processing

Household odors are eliminated through a patented photocatalytic process using nanotechnology, and powered by two **Ultravation® Type UV-A lamps**. Photronic air processing is highly effective for the reduction of odors and allergic reactions due to fumes from cooking to cleaners to paint.

MultipointUV™ Air Treatment

Ultravation® remote lamp UV lamps using Ultravation's T3™ UV-C lamp system, are strategically placed in the HVAC system to stop mold growth on components. At the same time, the UV-C air treatment process works to inactivate harmful airborne bacteria and viruses that pass through the HVAC system, reducing the risk of illness.



Technical Specifications

Model	Finish	Cabinet Dimensions h x d x w	Duct Opening	T3™ Remote UV-C Lamps
92-001	Light Beige	23 1/4" x 25 1/4" x 13 1/8"	23" x 18 3/8"	—
92-002	Light Beige	23 1/4" x 25 1/4" x 13 1/8"	23" x 18 3/8"	2 12" lamps
92-003	Light Beige	23 1/4" x 25 1/4" x 13 1/8"	23" x 18 3/8"	2 19" lamps

Filter Media Replacement

Model	Rating	Rated Velocity FPM	Initial Resistance in W.G.	Media Square Feet
91-006	MERV 11	300	.16	32.0

***100% Satisfaction Guarantee**
 Try a Photronic™ system for 90 days. If the system is not delivering cleaner, fresher smelling air, return the unit and we'll pay the freight and installation costs!
 (See 90 day guarantee terms sheet for complete details)

All Ultravation® Progressive Media have been tested using ANSI / ASHRAE 52.1-1992 standard test procedures.

Custom color matching service available.

Designed and manufactured in USA
 by Ultravation, Inc.



Available from:

Members:



Ultravation®
 Advanced technology for indoor air quality