

Ultravation®

ProgressiveMedia™

Whole House Air Cleaning

For Central Heating and
Air Conditioning

Premium MERV 11
air filtration captures
99% of particles
5 microns or larger



Ultravation®

Advanced technology for indoor air quality

ultravation.com

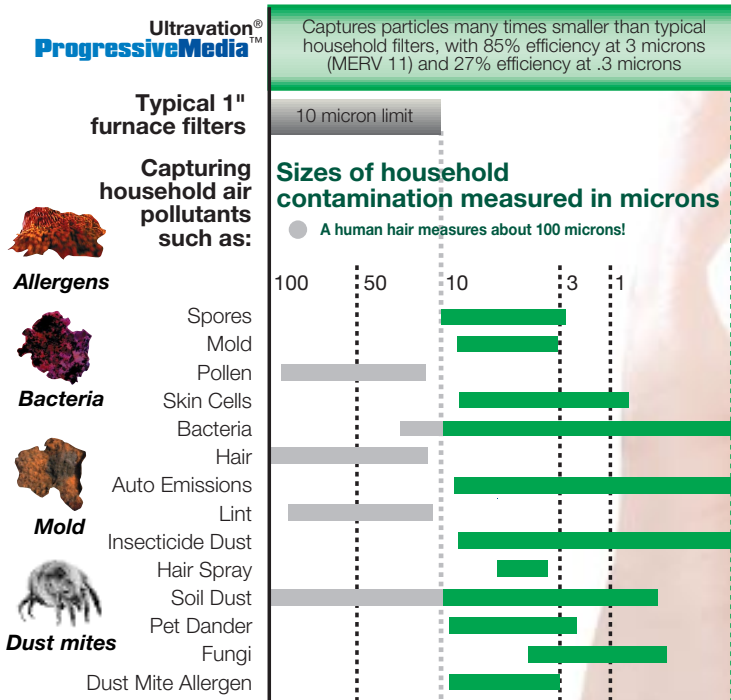
Ultravation®: Specializing in Clean Air for Your Home

The dust and pollen floating in the air inside your home is only the “tip of the iceberg” in indoor air pollution. More than 90% of household air pollutants are invisible to the human eye, and can slip through the body’s own filtration defenses. Ultravation® ProgressiveMedia™ Air Cleaners are designed to be an effective, efficient and economical method of capturing these tiny irritants. By employing the latest fiber and manufacturing technology, Ultravation® accomplishes industry leading air cleaning performance! With ProgressiveMedia™ whole house filtration, small and large particles are captured very effectively, allergy relief is optimized, and the large holding capacity means long filter life, providing—by far—the most performance for your investment in indoor air quality.

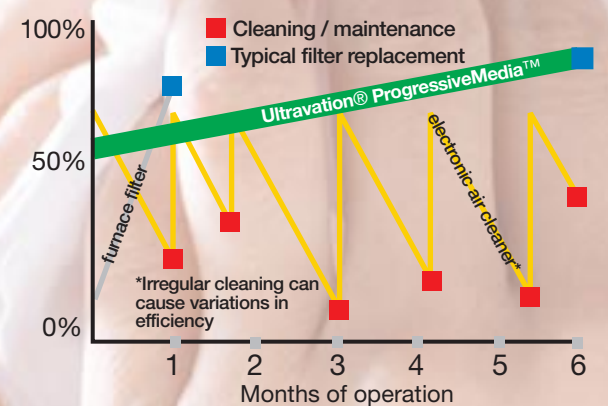
Filter Comparison Chart

Ultravation® ProgressiveMedia™ works harder to keep the air in your home **cleaner** and more **allergen-free**

What an Ultravation® MERV 11 systems captures...



With consistent high efficiency and convenience...



Ultravation® ProgressiveMedia™ Provides high efficiency cleaning as soon as it is installed. Then, over a minimum life span of six months, will require no maintenance and steadily improve in efficiency as it fills. ProgressiveMedia™ is not air velocity dependent.

Flat furnace filters only offer good efficiency very late in their 30 day life span. They have low holding capacity, and fill quickly requiring replacement purchase at least six times more often.

Electronic Air Cleaners (EAC) are velocity dependent and lose the ability to capture particles as blower speed is increased, and as the plates become coated. Unlike media filters, they do not gain in efficiency during use, and some need to be cleaned as often as every 40-50 hours in the dishwasher to maintain adequate efficiency.

Questions? Call us toll free at **866 468 8247** for technical information and to find out where to buy Ultravation® indoor air quality products. Visit us at **ultravation.com** or send an e-mail to **info@ultravation.com**

Ultravation®
ProgressiveMedia™
Whole House Air Cleaners

Advanced design improves indoor air quality by capturing an **ultra-wide range of indoor air pollutants**



Air pollution from many sources gets trapped and accumulates inside today's more well built, more air-tight structures. This can create indoor air that can be as much as 100 times more polluted than the air outside.

Today, indoor air is often more polluted than outdoor air

Today's advanced construction and renovation techniques create tighter, more efficient houses. For all of the benefits that better housing brings, tighter houses do in fact trap airborne micro-organisms, allergens and debris. Most indoor air pollution is made up of microscopic particles including smoke, fine dust, bacteria, viruses—and allergens like mold spores and pollen. Inside air can be as much as 100 times more polluted than outdoor air.

The EPA has stated that people are spending more than 90% of their time indoors...

It's no wonder that people are seeing increases in allergic reactions, sinus infections and symptoms of chronic respiratory illnesses.

Clean air for your home

Many homes have furnace filters installed as a measure to improve air quality, but typical furnace filters only capture the largest particles and fill up fast, causing air restriction. The heating / air conditioning system then has to work harder to do its job, wasting energy. To prevent this, traditional furnace filters must be changed often.

The vast majority of airborne contamination is microscopic in size

By capturing the largest particles, other filters collect little more than visible contamination, leaving the impression that the air is cleaner. However, they let most of the allergy, illness, and respiratory irritation causing contaminants pass right through. Ultravation® has applied multiple technologies to remove the much smaller, more dangerous contamination—such as allergens like mold—while still maintaining good air flow through the heating and air conditioning system.

How Ultravation® ProgressiveMedia™ works better to keep the air in your home cleaner:

Progressive design media, formed into a five inch pleated filter—an unbeatable combination!

The special layered media construction provides excellent dirt holding capacity (see illustration at right). A single filter¹ is constructed using 32 sq. ft. of ProgressiveMedia™ formed into pleats, resulting in a very long filter life and an extended period of very high efficiency air cleaning².

¹ 20" x 15" x 5" model ² See filter comparison chart.

The higher the MERV rating, the better. Welcome to MERV 11...

The EPA considers MERV 11 performance to be premium for residential applications. Ultravation® ProgressiveMedia™ filters meet the MERV 11, ASHRAE 52.2 industry test standard. This means that Ultravation® ProgressiveMedia™ filters are 85% efficient on particles 3 to 10 microns.

Exceeding the Standard—Defining a great filter

Ultravation® ProgressiveMedia™ filters go further than simply meeting MERV 11 standards. They achieve high efficiency with very low air restriction—even lower restriction than a MERV 8 filter! Yet, they will provide as much as 40% more dirt catching efficiency than a MERV 8 filter in the critical initial hours of operation. With Ultravation® ProgressiveMedia™ you'll get premium filtration performance while you save money on filter replacement costs. The low air restriction of these filters means less work for the air circulating system, which can lead to less energy consumption and lower maintenance costs. And all of this filtration performance is obtained without the use of electricity, ozone generation, or any type of maintenance—just a filter replacement twice a year³!

³ Suggested replacement interval. In many homes they last much longer!

UltraStrand™ Fiber Technology

Filter fibers are normally round in shape. UltraStrand™ fibers help Ultravation® ProgressiveMedia™ filters excel because of their unique “shaped design”, with rough edges that capture the smallest particles very effectively. Ultrastrand™ fibers not only capture small particles better, they hold more debris, contributing to extended filter life. Ultrastrand™ fibers are hypo-allergenic since they are made from 100% synthetic material. They are also rugged and continuous so the fibers stay in the filter.

Electrostatic Charge Attracts Particles

To complete the UltraStrand™ high performance design, the fibers are given a permanent electrostatic charge that draws particles into the tiny grooves, edges and pockets—like a magnet.

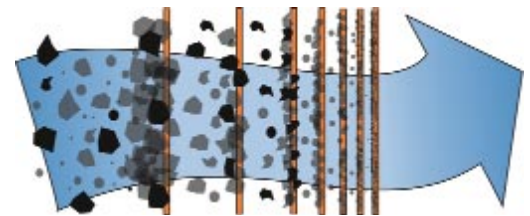
Allergy Relief: 99% Efficient on Pollen!

Pollen is easily captured in Ultravation® ProgressiveMedia™ and much more. Other irritants such as mold and dust mite allergen are also effectively removed from the airstream.

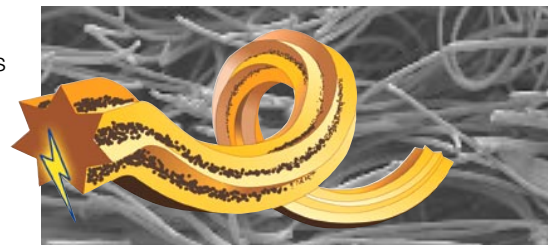
What is MERV?

MERV is *Minimum Efficiency Reporting Value*. Industry standard filter performance ratings created by **ASHRAE**, (The American Society of Heating, Refrigerating and Air Conditioning Engineers). The MERV 11 performance standard requires 85% efficiency for particles 3 to 10 microns in size.

Progressive layered filter design



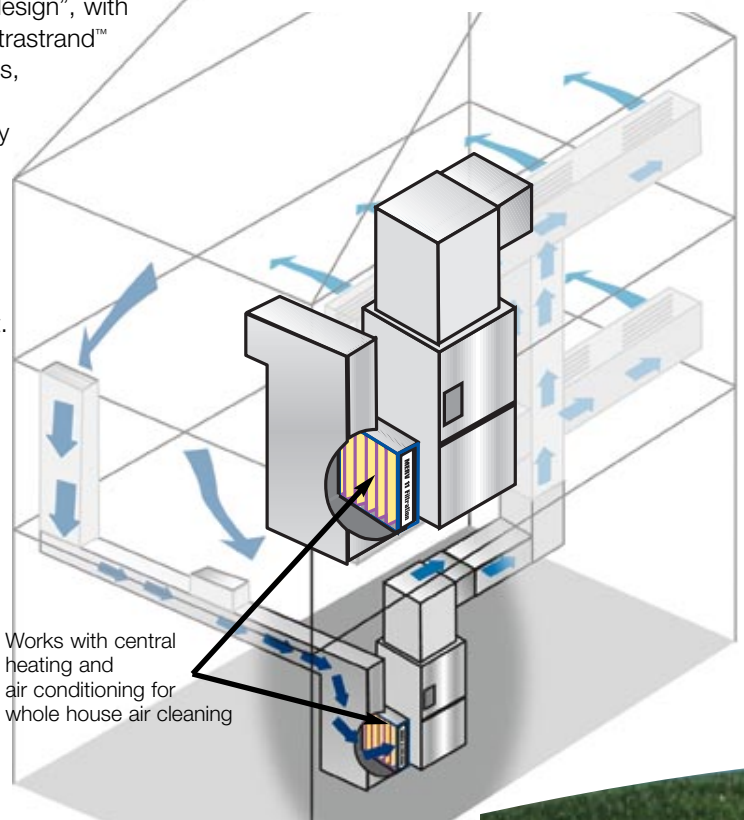
Ultravation® ProgressiveMedia™ first captures large particles at the leading edge of the filter and progressively smaller particles in successive layers. This unique process provides impressive filtration performance, increases filter capacity, extends filter life and minimizes air flow resistance.



Ultravation® Ultrastrand™ Fibers were developed with unique shapes and high surface area to excel at attracting, capturing and holding large quantities of very small particles. The inert synthetic material used is produced in continuous strands—great for people with allergies

WHOLE HOUSE MERV 11

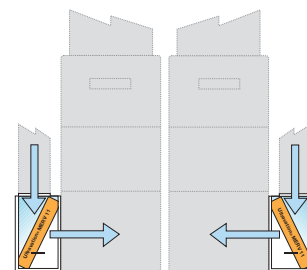
Premium Filtration for Residential Indoor Air Quality Systems



ONE great filter system. THREE rugged cabinet designs for versatile installation options

Right-angle Design System

- Space saving cabinet
- Easy to install
- Adjustable inlet
- Installs on either side of air handler/furnace
- Reversible door



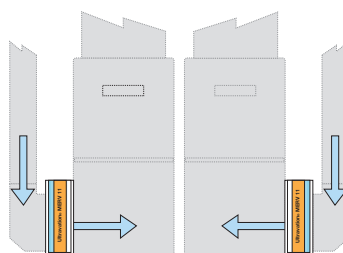
Right-angle design is reversible with adjustable inlet. Top Inlet saves space!

Model 90-008

Straight-through Design System

- Fits typical systems
- Installs on either side of air handler/furnace

Straight-through design fits conventional installations

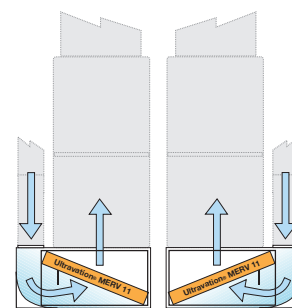


Model 90-007

Under Furnace Support Box System

- Maximum space savings
- Compliments many air handler / furnace designs
- Fully insulated (available without insulation)
- Adjustable inlet and outlet
- Reversible for installation flexibility

Under-furnace support box reversible, adjustable, space saving, and fits air handlers with bottom opening




Model 90-010

All Ultravation® Media Air Cleaners feature:

- Heavy duty US origin galvanized steel to resist corrosion
- Tough, powder coat finish
- Ten year warranty

**10 year
Filter Cabinet
warranty**

Ultravation

 All Ultravation products are designed and built in the USA

Indoor air as healthy as
the great outdoors™



Ultravation®
Advanced technology for indoor air quality

For comprehensive whole house air treatment...

Ultravation®

Photronic™

The Multistage™ Whole House Air Purifier

A breakthrough in indoor air quality improvement

MERV 11 Air Cleaning

Plus

Photocatalytic deodorizer

**UV-C air disinfection to kill
airborne germs and mold**

Photronic™ is a multi-technology system that improves indoor air in more ways than any other home air cleaning system—silently and efficiently. **It's the comprehensive home air cleaning solution**—designed to be effective against each of the three major household pollution types: particulates, VOCs* and airborne microorganisms.

It's the single solution air treatment system that makes cleaner, safer and healthier indoor air easy and automatic!

Learn more at www.ultravation.com

*VOCs: Most household odors are composed of Volatile Organic Compounds.



Model 92-003

More Ultravation® whole house indoor air improvement products



Whole house HEPA air filtration



UltraMax™ germicidal UV air treatment with integrated or remote lamps

Members:



All Ultravation products are designed and built in the USA

EPA establishment number: 074725-VT-001

Ultravation®

Advanced technology for indoor air quality