

# Under Furnace Air Filtration Progressive Media Air Cleaner

**Ultravation®**

Advanced technology for indoor air quality

- The choice for optimizing *Indoor Air Quality*
- Top performing Ultravation® Progressive MERV 11 Media
- Superior dust spot ratings: **51% initial / 56% average**
- **UltraStrand™ media technology: MERV 11 efficiency—matches older technology MERV 8 initial resistance!**
- **Space saving under furnace support box design. Adjustable inlet and outlet**
- **Access door on each side to fit any installation**
- **Turning vane to reduce turbulence**
- **Fully insulated cabinet**
- **10-year cabinet warranty**
- **Don't pay more for high performance! (Compare to cost of MERV 8 filters)**



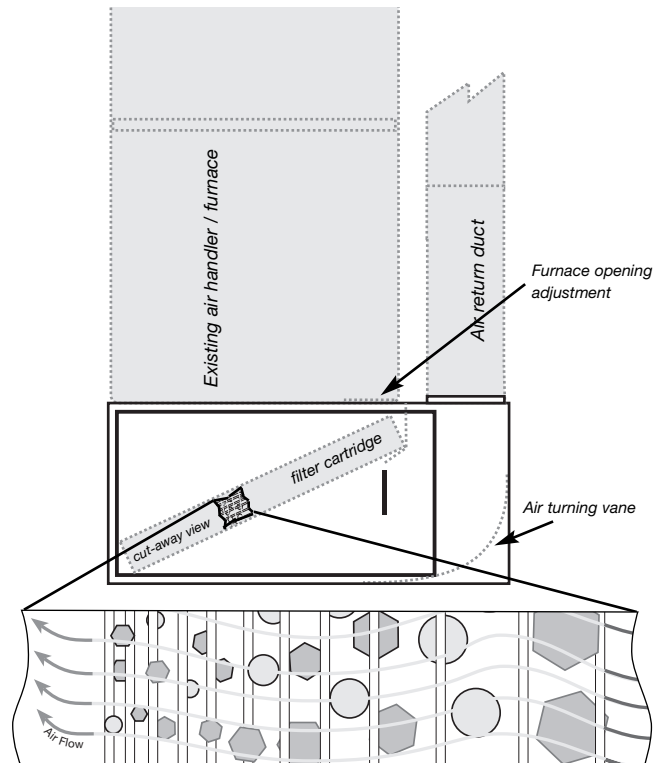
Ultravation® Progressive Media Air Cleaners with UltraStrand™ media technology remove particulates as small as .3 microns! They have better capture capability yet match MERV 8 pressure drop characteristics.

**Internet Resource**  
See technical info:  
"How to Evaluate  
Air Filters"  
[www.ultravation.com](http://www.ultravation.com)

The rugged and versatile cabinet design (weight capacity over 200 lbs.) with variable inlet and outlet size saves space and simplifies installation. Filter cabinet door can be positioned on either side to fit any installation configuration.

## Ultravation® Progressive Filtration

- More efficient capture characteristics (see illustration): gathers large particles in the initial layer and progressively smaller particles in the filter interior.
- UltraStrand™ MERV 11 100% synthetic, continuous, thermally bonded (no chemical adhesives), high surface area media fibers. These high capacity fibers are formed into a progressive filter structure that has an initial dust spot rating of 51% with *no more initial resistance than older technology MERV 8 media.*
- Continuous fibers resist shedding, maximize holding capacity with no moisture absorption.
- UltraStrand™ high surface area fibers with *permanent* electrostatic charge are unequalled in particle attraction and holding capacity.



## Progressive Media Filtration

## Media cross-section

Ultravation® extended-life Progressive Media Air Cleaners capture large particles at the leading edge of the filter, and collect progressively smaller particles as they flow into the filter media. This unique process increases filter capacity, extends filter life and minimizes air resistance.

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# Ultravation® Progressive Media Air Cleaners

## Technical Specifications

Under Furnace Design • Ultravation® Progressive Media Air Cleaners

Model	Cabinet Finish	Cabinet Dimensions	Adjustable Return Opening	Furnace Opening
90-010	Light beige powder coat	40" x 28 3/4" x 14 5/8"	See diagram below	Maximum 26 1/2" x 19 1/4"

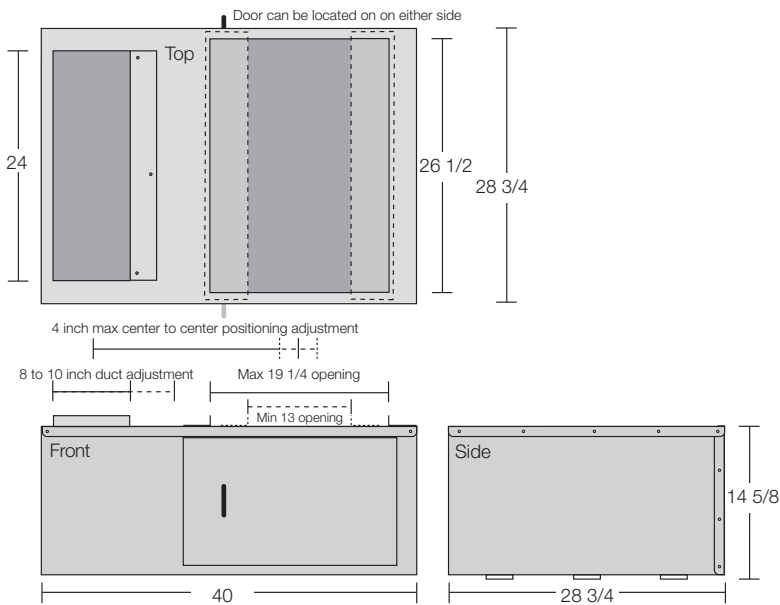
Specify M11 or M8 for MERV 11 or MERV 8 filter. Example: 90-010M11 cabinets come with MERV 11 filter media.

## Progressive Media Replacement Filters with UltraStrand™ Technology

Model	Media	Rated Velocity FPM	Initial Resistance in W.G.	Media Square Feet	Replacement Interval
91-006	MERV 11	300	.16	32.0	six months
91-003	MERV 8	300	.16	32.0	six months

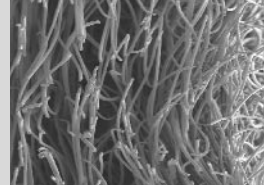
Above performance specifications are for normal operating conditions. Ultravation Progressive Filter Media are rated to withstand up to 2000 cfm.

## Cabinet Layout



### Why MERV 11?

Choose MERV 11 for very high efficiency and capturing very small particles .3 micron. Ultravation® Progressive MERV 11 filters provide very low pressure drop and a very long, *six month expected life*.



Progressive design for Ultravation UltraStrand™ 100% synthetic MERV 11 filter fibers. Get all the facts about Ultravation filter technology and filter evaluation at [ultravation.com](http://ultravation.com)

Optimize IAQ by combining filtration with Ultravation® UV air treatment! Ultravation® whole-house IAQ systems maximize reduction of mold, allergens and harmful airborne microorganisms. Learn more at [ultravation.com](http://ultravation.com)



Available from:

All Ultravation® Progressive Media Air filters have been tested using ANSI / ASHRAE 52.2-1992 standard test procedures.

Custom color matching service available.

Designed and manufactured in USA by Ultravation, Inc.



Members:



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