

# Right Angle Design Progressive Media Air Cleaners

# 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 and easy to install right angle design. Adjustable inlet opening
- 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.

The versatile right angle design cabinet with adjustable inlet saves space and simplifies installation (see illustration). The cabinet opens on either end to fit any installation configuration.

## Ultravation® Progressive Filtration

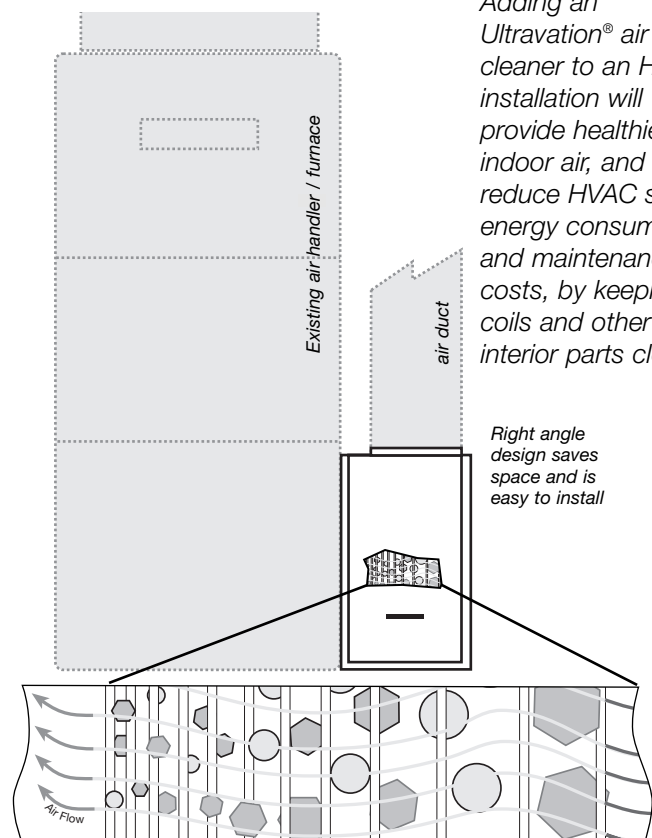
- More efficient capture characteristics (see illustration): gathers large particles in the initial layer and progressively smaller particles in the filter interior
- UltraStrand™ MERV 11 100% synthetic, continuous, thermally bonded (no chemical adhesives), high surface area media fibers. These high 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

## Rugged and Efficient Right Angle Design

- Right angle cabinet simplifies installation requiring less duct metal and less labor



Adding an Ultravation® air cleaner to an HVAC installation will provide healthier indoor air, and help reduce HVAC system energy consumption and maintenance costs, by keeping coils and other interior parts cleaner.



Right angle design saves space and is easy to install

## Progressive Media Filtration

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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## Technical Specifications

### Right Angle Design • Ultravation Progressive Media Air Cleaners

| Model  | Finish                   | Cabinet Dimensions           | Outlet size (furnace A/C side) | Inlet size | Filter size    |
|--------|--------------------------|------------------------------|--------------------------------|------------|----------------|
| 90-008 | Light beige, powder coat | 23 9/16" x 25 5/8" x 15 1/2" | 23 1/8" x 13 9/16"             | Adjustable | 20" x 25" x 5" |

See diagram below

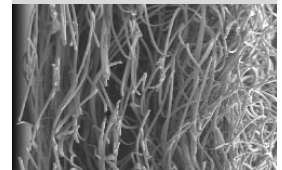
### Progressive Media Replacement Filters with UltraStrand™ Technology

| Model  | Rating  | Rated Velocity FPM | Initial Resistance in W.G. | Media Square Feet | Replacement interval |
|--------|---------|--------------------|----------------------------|-------------------|----------------------|
| 91-006 | MERV 11 | 300                | .16                        | 32.0              | 6 months             |

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

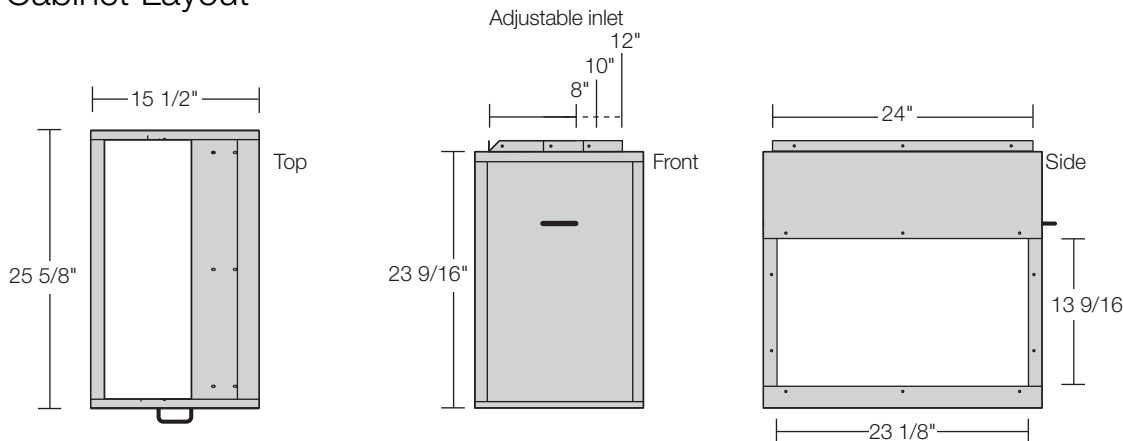
#### Why MERV 11?

Choose Ultravation® Progressive MERV 11 Media for capturing very small particles (3 microns) while maintaining the efficiency of MERV 8. Ultravation® Progressive MERV 11 filters provide very low pressure drop with high dirt holding capacity for long life.



Progressive design of 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)

### Cabinet Layout



Gasket material included to optimize IAQ performance. Handle fits either door.

All Ultravation® Progressive Media Air Cleaners 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.



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



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