

Product Information

MERV 11 Progressive Media Air Filtration



Ultravation® introduces the next generation in pleated filters

Ultravation® pleated MERV 11 (ASHRAE 52.2 Test Standard) air filters utilize state-of-the-art, shaped fibers formed into a gradient structure, with permanent electrostatic charging. This provides an unprecedented high level of particulate capture efficiency. Performing well beyond regular pleated filters, they achieve an initial dust spot efficiency of 51% and an average dust spot efficiency of 56% yet maintain the lowest pressure drop in the industry—maintaining energy efficiency.

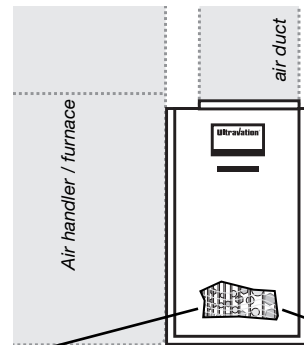
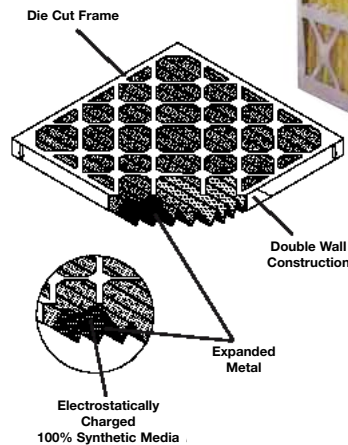
These Ultravation® filters provide excellent bi-directional strength and are constructed using continuous synthetic fibers that resist shedding. In addition to electrostatic charging, Ultravation® filtration media is constructed using 100% synthetic fibers that are thermally bonded. They are manufactured in an engineered gradient structure that creates a dual layer media. The dual layer fiber construction supports high dust holding capacity and long filter service life. The filter media is laminated to a heavy-duty, galvanized, rust resistant metal backing that stabilizes the media during operation. The pleats are formed in a radial configuration to ensure proper dust loading. The pleated media pack is adhered to the peripheral interior of a heavy-duty, beverage board, die cut frame to prevent air bypass. The board frame creates a double-wall thickness around the perimeter of the filter.

As with all Ultravation Progressive Filter Media, our MERV 11 product progressively traps particles throughout the thickness of the filter, which results in their high dust holding capacity. Ultravation® Progressive Media delivers high initial and sustained efficiency as they improve indoor air quality (IAQ).

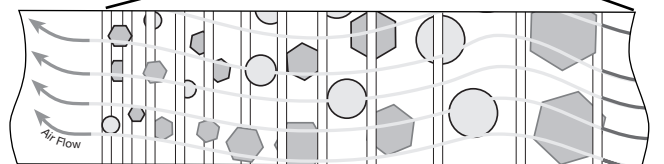
Feature summary

- MERV 11 performance
- Low pressure drop
- Progressive particulate capture for long life
- 100% Synthetic Fibers
- Stable Media Charge
- High Initial Efficiency
- Thermally Bonded
- Fibers Resist Shedding
- Media Does Not Absorb Moisture
- Continuous Fibers
- No Chemical Binders

Ultravation®
MERV 11
filtration



Ultravation®
RAM-Series
right angle
media cabinet
shown. MERV
11 filtration is
available for all
Ultravation®
filter models



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.



Ultravation MERV 11 Progressive Media Air Filters

Technical Specifications

Model	Fits Ultravation Model (UF or BF)	Rated Velocity FPM	Initial Resistance in W.G.	Media Square Feet	Rated Air Flow
RF16255M11	MAC16255	300	.16	25.25	2000 cfm
RF20255M11	MAC20255/RAM20255BF	300	.16	32.0	2000 cfm

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

Ultravation® filter media is UL listed
(see information on individual filter cartridge)

Designed and manufactured in the USA

Members:



Available from:

Ultravation®
Advanced technology for indoor air quality