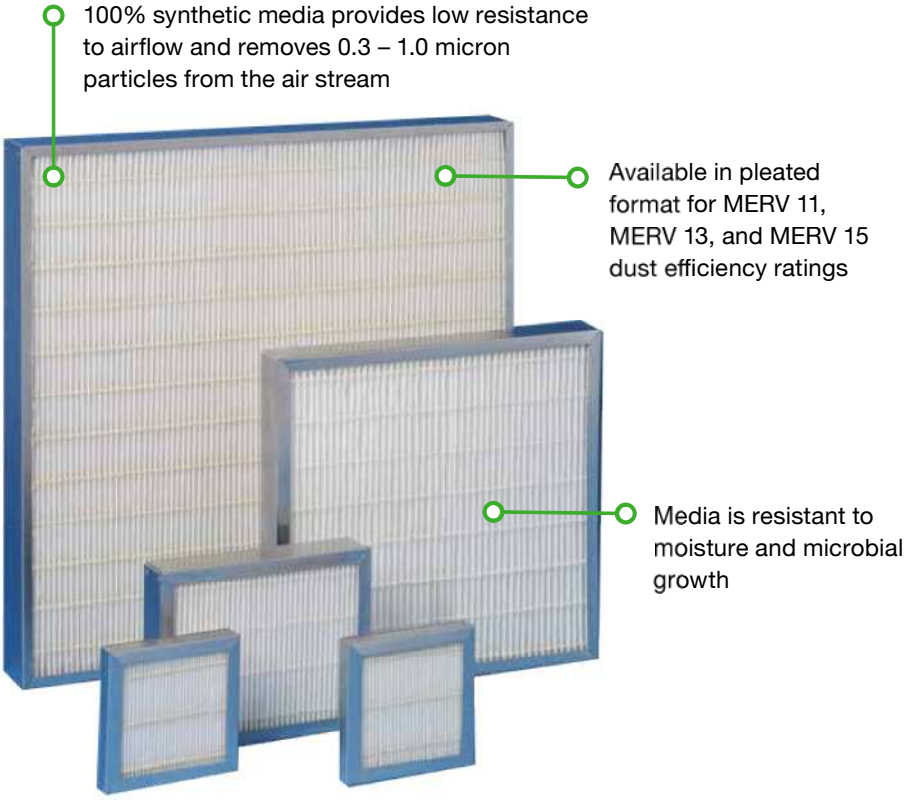
HIGH EFFICIENCY AIR FILTERS

High efficiency pleated media eliminates airborne particles

HVAC systems and commercial/industrial enclosures are exposed to a variety of airborne particles including dust, mold, and pollen. Removing these particles with a high efficiency filter can extend equipment operating life and enhance air quality. Custom high efficiency MERV 11, MERV 13, and MERV 15 pleated filter products from UAF offer high dust loading for maximum service life while reducing airflow resistance. The 100% synthetic media is highly effective at removing 0.3 – 1.0 micron particles from the air stream and is adhesively bonded to all four sides of the filter frame to eliminate air bypass. A rigid aluminum frame and robust media are extremely durable and are designed to withstand damage from shipping, handling, and installation.

High Efficiency Air Filter Features:

- 100% synthetic media is highly effective at removing 0.3 – 1.0 micron particles from the air stream
- Removes airborne particles including dust, mold, and pollen
- Offers high dust loading for maximum service
- Resists moisture and microbial growth



SPECS:

- Custom high efficiency filter assemblies are available in standard thicknesses of 0.88” and 1.88”
- Custom made to meet specification requirements for other thicknesses
- High efficiency media is available in MERV 11, MERV 13, and MERV 15 efficiency ratings

FAST FACT:
Custom sizes available up 24" in width and 48" in length.

Universal air filter
Filtration Group®

Universal Air Filter Company
1624 Sauget Industrial Parkway
Sauget, Illinois 62206

Phone: 800 541 3478
618 271 7300
Fax: 618 271 8808
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High Efficiency Air Filter Features:

- High dust loading for maximum service life while reducing airflow resistance
- Withstands prolonged exposure to high temperature, high humidity, and consistent UV exposure
- Aluminum components can be treated with special RoHS compliant protective finishes to provide corrosion protection

Applications:

Custom high efficiency pleated filters are designed to remove dust and other particles for fan cooled indoor and outdoor industrial / electronic enclosures. This media is well suited to remove sub-micron particles for dust-sensitive products, such as projectors, laboratory test and assembly hoods, and 3D printers. This air filter enhances indoor air quality by removing airborne irritants for HVAC air handling applications.

Industries:

High Efficiency filters are well suited for industries that include:

- Video projection systems
- 3D printing equipment
- Cabin cooling in buses and off-road equipment
- Sensitive laboratory fume hoods
- Industrial and commercial enclosures
- HVAC ventilation systems

Media:

100% synthetic media provides low resistance to airflow and is available in pleated format for MERV 11, MERV 13, and MERV 15 dust efficiency ratings. The media is resistant to moisture and microbial growth, and is designed to resist damage from shipping, handling, and installation.

Standards & Classifications:

MERV 11, MERV 13, and MERV 15 efficiency ratings

Model	High Efficiency Media Rating	High Efficiency Media Thickness	Frame Thickness
SP11-75	MERV 11	19,05mm [0.75”]	22,35mm [0.88”]
SP13-75	MERV 13	19,05mm [0.75”]	22,35mm [0.88”]
SP15-75	MERV 15	19,05mm [0.75”]	22,35mm [0.88”]
SP11-175	MERV 11	44,45mm [1.75”]	47,75mm [1.88”]
SP13-175	MERV 13	44,45mm [1.75”]	47,75mm [1.88”]
SP15-175	MERV 15	44,45mm [1.75”]	47,75mm [1.88”]

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