

# Viskon-Aire\*

Air Filter Products

## NESHAP 319 Compliant System

Title 40 of the Code of Federal Regulations Part 63, Subpart GG ("40 CFR Part 63"), also known as the National Emission Standards for Hazardous Air Pollutants ("NESHAP") established (i) standards; (ii) test methods and procedures; (iii) monitoring requirements; (iv) record keeping requirements and (v) reporting requirements for aerospace manufacturing and rework facilities.

Specifically with respect to paint application and removal, the EPA required:

- All operations to be conducted in a spray booth or hangar;
- Air flow must be downward or across the part and must be exhausted through a control device; and
- A control device can be a dry particulate filter (also known as a paint arrestor) or water wash system but must meet certain minimum standards.

The EPA developed a test protocol known as Method 319 to determine if a dry particulate filter/paint arrestor complies with 40 CFR Part 63. Method 319 attempts to simulate dry and wet overspray characteristics of hazardous air pollutants ("HAP") and volatile organic compounds ("VOC").

### Stage One



Viskon-Aire  
PS Media (Pad)

### Stage Two



Viskon-Aire  
Series 153 (Panel)

### Stage Three



Viskon-Aire  
AS Series  
High Efficiency Pocket Filter

or



Viskon-Aire  
The Revolution™  
High Efficiency Pocket Filter

#### Three-Stage Filter Efficiency Requirements (Systems Installed After October 29, 1996)

	EPA Requirements		AS Series	The Revolution™
	Particle Size	Minimum Efficiency		
Dry Test	> 2.5 µm	> 95%	PASS ✓	PASS ✓
	> 1.1 µm	> 85%	PASS ✓	PASS ✓
	> 0.7 µm	> 75%	PASS ✓	PASS ✓
Liquid Test	> 2.0 µm	> 95%	PASS ✓	PASS ✓
	> 1.0 µm	> 80%	PASS ✓	PASS ✓
	> 0.42 µm	> 65%	PASS ✓	PASS ✓

#### Two-Stage Filter Efficiency Requirements (Systems Installed Before October 29, 1996)

	EPA Requirements		AS Series	The Revolution™
	Particle Size	Minimum Efficiency		
Dry Test	> 8.1 µm	> 90%	PASS ✓	PASS ✓
	> 5.0 µm	> 50%	PASS ✓	PASS ✓
	> 2.6 µm	> 10%	PASS ✓	PASS ✓
Liquid Test	> 5.7 µm	> 90%	PASS ✓	PASS ✓
	> 4.1 µm	> 50%	PASS ✓	PASS ✓
	> 2.2 µm	> 10%	PASS ✓	PASS ✓

Test reports available at [www.viskon-aire.com](http://www.viskon-aire.com)

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## Our Company

For over 30 years, Visikon-Aire Corp. has engineered and manufactured a wide range of air filter products to meet the diverse needs of our customers.

Our filters are used in commercial and government buildings, schools, hospitals and a diverse range of industrial settings, including automobile and aerospace painting, metal fabrication and wood finishing.

## Commitment to Our Customer

The air filtration market continues to evolve. To meet these changes, we work in partnership with our customers to not only improve our existing products but also design and develop new products to create an ever cleaner environment in a cost-effective, energy efficient manner.

## Commitment to Quality

At Visikon-Aire, we constantly monitor and adjust our manufacturing processes to ensure our products are of the highest quality. We work with our suppliers to procure raw materials that meet our demanding product specifications and final products are regularly tested by independent laboratories to adhere to industry standards.

Commercial Buildings



Schools



Industrial Facilities



Hospitals



Wood Finishing



Aircraft Refurbishment



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**USA**