

# VISKON-AIRE\*

## Air Filter Products

### AS Synthetic Pocket Filters

Viskon-Aire AS Synthetic extended surface pocket filters utilize a dual stage polypropylene media to enhance depth loading.

The AS Synthetic Bag is manufactured with galvanized header to ensure its rigidity while providing a leak-proof design. The pockets are formed and sonically welded to eliminate the need for stitching throughout the pocket. The AS extended surface filters can be used in general HVAC systems, surface finishing plants, hospitals, pharmaceutical plants, food processing plants, telecommunication stations, and industrial environments where performance and high dust-holding capacity is required.



The Visikon-Aire AS Filter has been tested to ASHRAE 52.2-2012

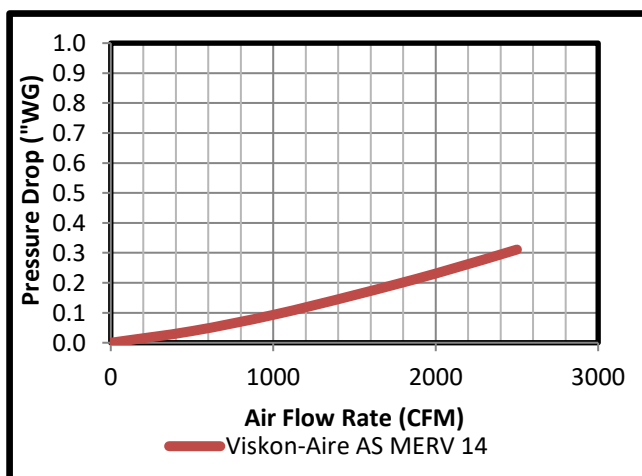
#### The Visikon-Aire AS MERV 14 Benefits:

- Low pressure drop ( $\Delta P$ )
- Electrostatic Charged Media
- Superior dust holding capacity
- V formed heat-sealed pockets for better air flow
- 100% RH resistance
- Maximum Temperature 200°F (93°C)

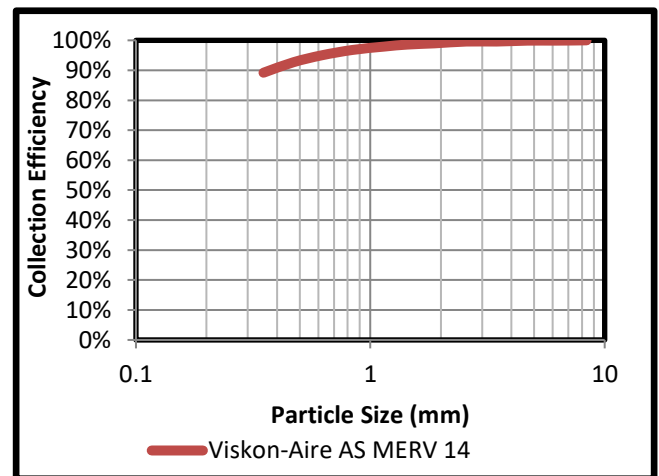
Performance	Results
Pressure Drop @ 2,000 CFM	0.231" w.g. (57.5 Pa)
Particle Size Efficiency @ 5 $\mu$ m	100%
Burst Strength Pressure Test:	7" w.g. (1744 Pa)
Sustainable Efficiency:	ASHRAE MERV 14
Dust Hold Capacity:	212.1 grams @ 1.50" w.g.



**Pressure Drop Curve**



**Particle Size Efficiency**



**“When Clean Air is Critical”**

## Performance Technical Data:

Viskon-Aire Model Number	MERV Rating EN779	Actual Dimensions Inches (mm)			Capacity CFM (m <sup>3</sup> /hr)	Initial Pressure Drop inches w.g. (Pa)	Pockets	Media Area ft <sup>2</sup> (m <sup>2</sup> )
		Width	Height	Depth				
AS AS1424242208	14 (F8)	23- 5/16" (592)	23- 5/16" (592)	22" (559)	2,000 (3,400)	0...231" w.g. (57.5 Pa)	8	58 ft <sup>2</sup> 5.39 m <sup>2</sup>
AS AS1412242204	14 (F8)	11- 5/16" (287)	23- 5/16" (592)	22" (559)	1,000 (1,700)	0.231" w.g. (57.5 Pa)	4	29 ft <sup>2</sup> 2.69 m <sup>2</sup>
AS AS1424242608	14 (F8)	23- 5/16" (592)	23- 5/16" (592)	26" (660)	2,000 (3,400)	0.191" w.g. (47.5 Pa)	8	66 ft <sup>2</sup> 6.1 m <sup>2</sup>
AS AS1412242604	14 (F8)	11- 5/16" (287)	23- 5/16" (592)	26" (660)	1,000 (1,700)	0.191" w.g. (47.5 Pa)	4	34 ft <sup>2</sup> 3.15 m <sup>2</sup>

## Performance Data Notes for Visikon-Aire Filters:

1. Pressure drop represents inches of water (0.231" w.g) for a 22" depth filter while the 26" depth is 0.191" with the filter being in a clean condition at 2,000 CFM. Final pressure drop is recommended to 1.5" w.g., however, it is recommended that the pressure drop change should be selected on the basis of life cycle costing that optimizes the best energy savings in HVAC systems.
2. Efficiency is based upon ASHRAE Test Standard 52.2-2012.

## Product Shipping & Packaging Information:

Filter Size	Actual Dimensions Inches (mm)			Weight Lbs (kg)	Packaging	Carton Dimensions Inches (mm)
	Width	Height	Depth			
AS AS1424242208	23- 5/16" (592)	23- 5/16" (592)	22" (559)	6.5 lbs (2.95 kg)	4 per carton	25"x25"x8" (635x635x203)
AS AS1412242204	11- 5/16" (287)	23- 5/16" (592)	22" (559)	3.75 lbs (1.70 kg)	8 per carton	12"x25"x8" (305x635x203)
AS AS1424242608	23- 5/16" (592)	23- 5/16" (592)	26" (660)	7 lbs (3.18 kg)	4 per carton	25"x25"x8" (635x635x203)
AS AS1412242604	11- 5/16" (287)	23- 5/16" (592)	26" (660)4	4 lbs (1.81 kg)	6 per carton	12"x25"x8" (305x635x203)

Viskon-Aire Corporation has a policy of continuous research & development and reserves the right to change the design and specifications without notice.

## Other Visikon-Aire Extended Pocket Filter Products

Viskon-Aire Corporation manufactures a complete line of proprietary synthetic pocket filter products for just about any application. The Visikon-Aire Revolution pocket filter line provides a non-shedding sustainable efficiency that will sustain its specified efficiency, unlike "electrostatic" filters that can lose up to 2-3 MERV ratings, the Visikon-Aire AS, all synthetic and sustainable penetration efficiency, a filter that will never let you down, or its efficiency!

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