VISKON-AIRE
Air Filter Products

Series 155 Self-Sealing Panel Filter

The Viskon-Aire Series 155 4-Ply self-seal panel filters are made of 100% 6/6/15/40 denier graduated density polyester media. The media has a wet internal tack between the 3rd and 4th layers, and the internal wire supports and heat-sealed seams eliminate media flutter and particle migration. The internal steel wire frame is welded and springs into place with a force fit into the filter holding frame eliminating any air bypass around the filter. The Series 155 self-seal panel filters are an excellent choice for general HVAC systems, food processing, and other critical environments where point-of-use filtration is required. The Series 155 panel filter utilizes a perfect balance of efficiency and pressure drop to optimize performance over the life of the filter.
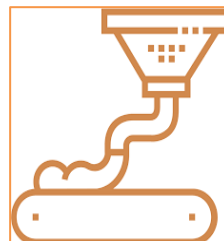
The Series 155 4-Ply self-seal panel filter can be used to upgrade any standard HVAC systems that utilize beverage board pleated panel filters or lose their structure in high humidity environments or replacement of less efficient panel filters.

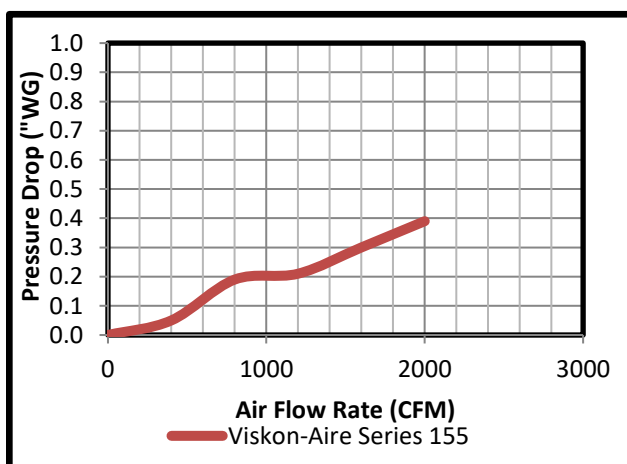The Viskon-Aire Series 155 panel filter is tested to ASHRAE 52.2-2017.

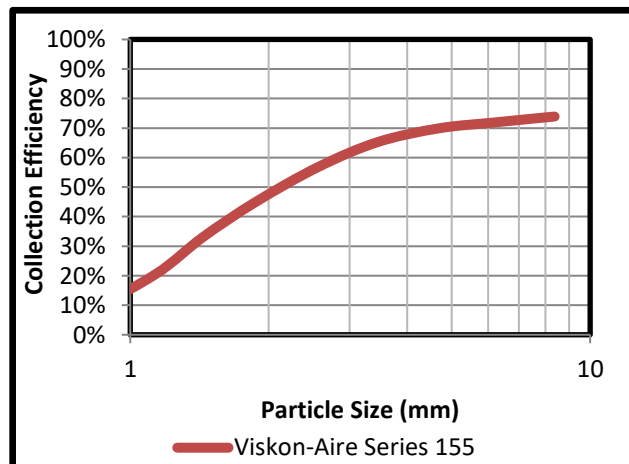## Series 155 Self-seal panel filter benefits:

- *70% efficiency on 5µm particles*
- *6/6/15/40 Denier Graduated Density*
- *Self-extinguishing media*
- *Panel filters self-seal to eliminate any air bypass*
- *Wet internal tackifier*
- *100% RH resistance*
- *9 gauge internal wire frame to support panel*
- *Excellent filter for general HVAC and food processing*
- *Continuous temperature of 212°F (60 ℃) Peaks 250°F*

Performance	Results
Pressure Drop @ 1496 CFM	0.283" w.g. (70.4 Pa)
ASHRAE 52.2-2017	ASHRAE MERV 8
Particle Efficiency @ 5µm	70%
Tackification:	Wet Internal
Media Thickness:	1.5" (38.1 mm)

MERV 8

Pressure Drop Curve

Pressure Drop ("WG) vs Air Flow Rate (CFM)
— Viskon-Aire Series 155

Particle Size Efficiency

Collection Efficiency vs Particle Size (mm)
— Viskon-Aire Series 155

"When Clean Air Is Critical"

Performance Technical Data:

Viskon-Aire Model Number	MERV Rating EN779	Capacity CFM (m³/hr)	Initial Pressure Drop inches w.g. (Pa)	Particle Efficiency at 5µm (microns)
Series 155 155-2424	8 (G4)	1496 (42.36 M³/min)	0.283 w.g. (70.4 Pa)	70%

Performance Data Notes for Viskon-Aire Filters:

1. Pressure drop represents inches of water (0.283" w.g.) at 374 FPM, with the filter being in a clean condition. Final pressure drop is recommended to 1.0" w.g. ; however, it is recommended that the pressure drop change out point should be selected based on the loading of the panels during the operational life of the filter.
2. Efficiency is based upon ASHRAE Test Standard 52.2-2017

Product Shipping & Packaging Information for Pads, Rolls, & Self-seal Panel Filters:

Filter Model #	Size (mm)	Weight Lbs Per Case	Packaging	Carton Dimensions Inches (mm)
Series 155 155-2424	24" x 24" x 1.5" (610x610x38.1)	27.6	24 per case	27"x 23"x 27" (686x584x686)
Series 155 155-2020	20" x 20" x 1.5" (508x508x38.1)	21.6	24 per case	22" x 23"x 22" (559x584x559)
Series 155 155-2024	20" x 24" x 1.5" (508x609x38.1)	24	24 per case	22"x 23"x 27" (559x584x686)
Series 155 155-2025	20" x 25" x 1.5" (508x635x38.1)	24	24 per case	22"x 23"x 27" (559x584x686)
Note: All standard self-seal panel filters available - call factory				

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

Other Viskon-Aire Products

Viskon-Aire Corporation manufactures a complete line of polyester panels for just about any application. Viskon-Aire offers the T-700/G Diffusion Panel, VR-1 Premium, Series 55 with PBT-32™ Tackifier, and Series 45 Economy for your paint booths along with 154 3-ply w/tackifier, Series 153 2ply with dry tackifier and Series 152 dry panels as prefilters. With Viskon-Aire's high quality filter portfolio, you can select filters based upon your operating environment and choose the most economical filter system for your location.

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