

Airex Filter Corporation

Superflow V-Bank

Mini-Pleat Layered Synthetic Media



The Airex Superflow-V filter uses mini-pleat technology typically found in HEPA and ULPA filters to produce a high efficient, low resistant filter with almost 200 square feet of media. Lower resistance means lower energy demand, longer service life, and lower maintenance costs. The Superflow-V can handle up to 750 FPM, which makes it the perfect solution when the need for high efficiency and low resistance meet high airflow requirements and space constraints. The Superflow filters are constructed of multiple mini pleat panels bonded to flame-retardant plastic panels on top and bottom to make a very strong assembly that is both corrosion and moisture resistant. Aerodynamic extruded vertical supports minimize air turbulence. The Superflow-V is available in 65%, 85%, 95% and 98% ASHRAE efficiencies and 95% DOP. MERV 12-16. Operating limits: 160 degrees F and 100% RH continuous duty. Filters are UL 900 listed.

Typical Performance Data

Model Number	Average Efficiency	Resistance @ 500 FPM	Resistance @ 625 FPM	Resistance @ 750 FPM
SFV65	75% ASHRAE MERV11	.22" w.g.	.30" w.g.	.50" w.g.
SFV85	85% ASHRAE MERV13	.26" w.g.	.28" w.g.	.58" w.g.
SFV95	95% ASHRAE MERV15-16	.40" w.g.	.45" w.g.	.50" w.g.
SFV98	98% ASHRAE MERV15	.55" w.g.	.60" w.g.	n/a
SFVD95	95% DOP	.70" w.g.	.75" w.g.	n/a

Size Designator	Nominal Size	Actual Size	Media Area
44	24x24x12	23.375x23.375x11.5	190 sq. ft.
40	24x20x12	23.375x19.375x11.5	162 sq. ft.
42	24x12x12	23.375x11.375x11.5	98 sq. ft.

Temperature Range:

160 degrees fahrenheit continuous

Humidity Resistance:

up to 100%

Burst Resistance:

average burst pressure 8.0" w.g.
Guaranteed burst resistant to 6.0" w.g.

Final Resistance:

2.0" w.g. recommended
3.2" w.g. maximum

Actual Header Size:

Nominal size less 5/8"
(e.g. a nominal 24"x24" filter is actually 23.375"x23.375".
Actual depth is 11.5"

Reference: FTVB-AM4-M155-AAG

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Final maximum recommended resistance is 2.0" w.g.
Maximum operating temperature 160 degrees fahrenheit continuous.

For more information, please visit our informational website

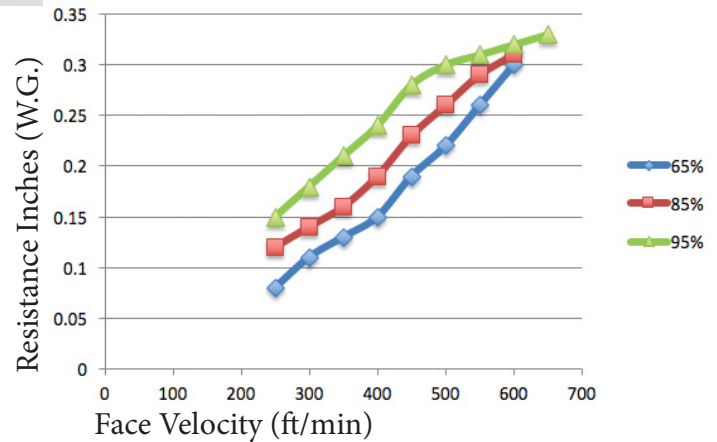
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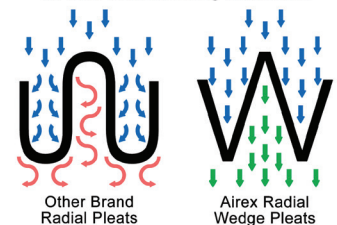
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example part # **SFV952412****SFV-95-24-12**Filter Series
(Superflow V Series)Efficiency
(95% Efficient)Filter Depth
(12" Depth)Filter Width
(12" Width)Filter Height
(24" Height)

Radial pleats produce turbulent airflow and uneven air distribution. Airex radial wedge pleats optimize air flow while reducing restriction.



- **Mold and Moisture Resistant**
- Melt-blown Synthetic Media Panels
- Innovative Antimicrobial Technology
- Industry Leading Low Pressure Drop
- Large Dust Holding Capacity
- Neoprene Sponge Gasket Included
- Long Lasting Filter
- Easy To Handle Lightweight Frame

AIREX FILTER
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Underwriters Laboratories, Inc. (UL) is an agency that lists products they have tested against criteria deemed appropriate for public safety. The classification for HVAC air filters confirms that the filters will meet local and state requirements for most applications.

UL 900 covers both washable and throwaway filters, used for the removal of dust and other airborne particles from mechanically circulated air in equipment and systems. This is in accordance with the Standards of the National Fire Protection Association (NFPA) for Installation of Air Conditioning and Ventilating Systems, of Other Than Residence Type, NFPA No. 90A, and for Installation of Residence Type Warm Air Heating and Air Conditioning Systems, NFPA No. 90B.

