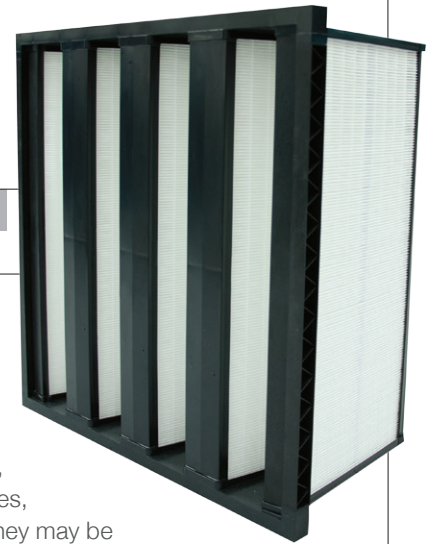


SuperFlow[®] V

EXTENDED SURFACE MINI-PLEAT FILTERS



- Lowest clean pressure drop for energy savings
- Aerodynamic vertical supports minimize air entry turbulence
- May be operated from 0 to 750 FPM face velocity in either airflow direction
- Moisture-resistant for humid air applications
- UL Classified

Physical Data

Media: Moisture-resistant microfine fiberglass

Filter Pack: Mini-pleat panels

Media Support: Adhesive

Top & Bottom Panels: Flame-retardant plastic

Vertical Supports: Aerodynamic extruded vertical supports

Operating Limits: 160°F (71°C) & 100% RH continuous duty

Actual Header Size: Nominal size less 5/8" (e.g. a nominal 24" x 24" filter is actually 23 3/8" x 23 3/8")

SuperFlow V extended surface area and low pressure drop mini-pleat filters are designed for use in most commercial and industrial HVAC systems where medium to high efficiency filtration is required. SuperFlow V filters are available in MERV 15, MERV 14, MERV 13, and MERV 11 efficiencies, and 95% Dispersed Oil Particulate (DOP). They may be operated at face velocities from 0 – 750 FPM.

Construction

SuperFlow V filters are constructed of multiple mini-pleat panels bonded to flame-retardant plastic panels on top and bottom to make an unusually strong assembly that is both corrosion and moisture resistant. Aerodynamic extruded vertical supports minimize air entry turbulence. SuperFlow V filters are totally rigid, making them ideal for variable air volume (VAV) systems, as well as applications downstream of supply fans.

Low Pressure Drop

SuperFlow V mini-pleat filters have an exceptionally low clean pressure drop. This affords low fan energy costs during much of the life of the filter system. In addition, they are the filters of choice for packaged air conditioning systems that do not have the fan capacity of larger central systems.

Longer service life means material and labor cost savings and less disruption of systems caused by filter changeout shutdowns. High Dust Holding Capacity (DHC) is a key benefit of this filter's increased media area.

Installation Considerations

SuperFlow V filters may be installed in AAF Flanders PF-1 holding frames or Sureseal side access housings. PF-1 holding frames are riveted together to form a filter bank. Smaller systems and systems with minimum upstream access space are best served using Sureseal side access housings.

SuperFlow V filters are furnished with a peripheral header on the air entering side and with foam gaskets on the "H" dimension for the 24" x 24" model and "W" dimension on the 12" x 24" and 20" x 24" models.

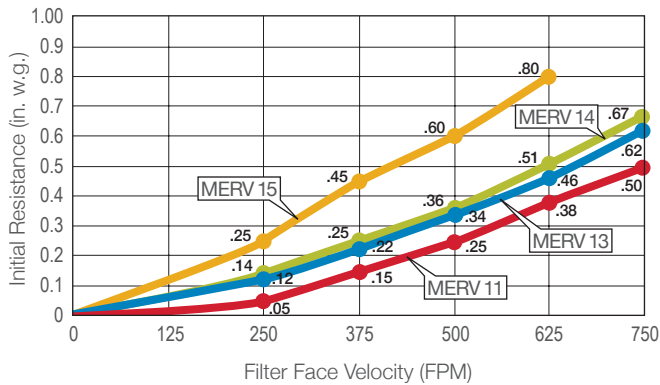
SuperFlow® V Filters

Product Information – Standard Sizes & Performance Data

Efficiency	Model Number	Nominal Size (inches) (W x H x D)	250 FPM		375 FPM		500 FPM		625 FPM		750 FPM		Media Area (sq. ft.)	Weight Each (lbs.)
			CFM	PD	CFM	PD	CFM	PD	CFM	PD	CFM	PD		
MERV 15	SFV-98A12	24 x 24 x 12	1000	0.25	1500	0.45	2000	0.60	2500	0.80	–	–	196	17
MERV 15	SFV-98B12	20 x 24 x 12	800	0.25	1200	0.45	1600	0.60	2000	0.80	–	–	162	13
MERV 15	SFV-98C12	12 x 24 x 12	500	0.25	750	0.45	1000	0.60	1250	0.80	–	–	98	8
MERV 14	SFV-95A12	24 x 24 x 12	1000	0.14	1500	0.25	2000	0.36	2500	0.51	3000	0.67	196	17
MERV 14	SFV-95B12	20 x 24 x 12	800	0.14	1200	0.25	1600	0.36	2000	0.51	2400	0.67	162	13
MERV 14	SFV-95C12	12 x 24 x 12	500	0.14	750	0.25	1000	0.36	1250	0.51	1500	0.67	98	8
MERV 13	SFV-85A12	24 x 24 x 12	1000	0.12	1500	0.22	2000	0.34	2500	0.46	3000	0.62	196	17
MERV 13	SFV-85B12	20 x 24 x 12	800	0.12	1200	0.22	1600	0.34	2000	0.46	2400	0.62	162	13
MERV 13	SFV-85C12	12 x 24 x 12	500	0.12	750	0.22	1000	0.34	1250	0.46	1500	0.62	98	8
MERV 11	SFV-65A12	24 x 24 x 12	1000	0.05	1500	0.15	2000	0.25	2500	0.38	3000	0.50	196	17
MERV 11	SFV-65B12	20 x 24 x 12	800	0.05	1200	0.15	1600	0.25	2000	0.38	2400	0.50	162	13
MERV 11	SFV-65C12	12 x 24 x 12	500	0.05	750	0.15	1000	0.25	1250	0.38	1500	0.50	98	8

Performance Data

Initial Resistance vs. Filter Face Velocity



All performance data based on ASHRAE Standard 52.2. Performance tolerance conforms to Section 6.4 of ANSI/AHRI Standard 850-2013.

Underwriters Laboratories Classification – SuperFlow filters are UL Classified. Testing was performed according to UL Standard 900.

SuperFlow® is a registered trademark of Flanders Corporation in the U.S.



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AFP-1-360 02/17