SUPERIOR

FILTRATION PRODUCTS, INC.

SuperG Filter

With Aluminum Separator

95%, 85%, 65% ASHRAE and MERV – 15,14,13

GENERAL

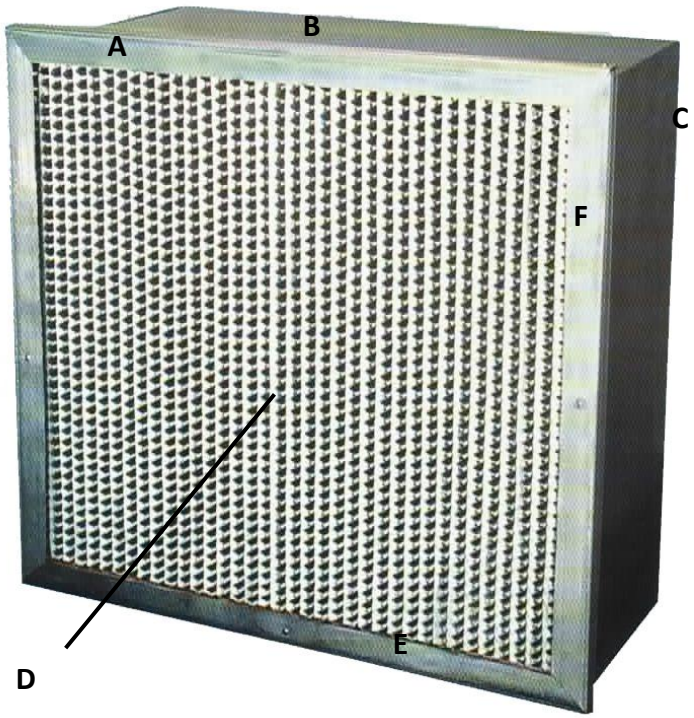
SuperG filters by superior Filtration Products are made of glass media treated with a waterproofing binder for high tinsile strength and moister resistance. These type filters designed for the use in most commercial and/or industrial HVAC systems needing medium to high efficiency filtration having minimal pressure drop and associated lower energy cost. SuperG filters are available with micro-glass media having an average efficiency range of 60-65%, 80-85%, and 90-95% using ASHRAE Standard 52.1 test methods filters are also available in MERV 15, 14 and MERV 13 using ASHRAE 52.2 test methods media variants to help with earning LEEDS certification credits.

INSTALLATION CONSIDERATIONS

SuperG filters having upstream access may be installed in NOVABurke Holding Frames, C-Trac Filter Framing Modules, or similar hardware, NOVABurke Holding Frames are riveted or bolted together to form filter banks and may be installed for upstream or downstream servicing. C-Trac Filter Framing Modules are the method of choice for medium to large built- up filter arrays.

Smaller sized systems and/or systems with minimum upstream access to the filters are best served by the use of EnviroSeal Side Access Housings.

Exact size filters are available, as well as special sizes. Contact your representative or the factory for details



Braces on front and back ensure rigidity and protect the filter pack.

A) Solid galvanized steel headers allow installation into front or side access systems.

B) Galvanized Steel frame for maximum strength.

C) UL Class 1 approved for low fire insurance rating – materials withstand temperatures up to 325ºF.

D) Glass media is treated with a waterproofing binder for high tensile strength and moisture resistance.

E) Filter pack is bounded to the frame with cured liquid sealant.

F) Hemmed and corrugated aluminum separators maintain even pleat spacing.

PHYSICAL DATA	
Frame:	16-gauge galvanized steel
Media:	Micro fine glass media
Media Supports:	Hemmed and corrugated aluminum seperators maintain even pleat spacing.
Face Grid:	Horizontal and diagonal metal supports
Header:	⅞-in. wide 16-gauge galvanized steel
Operating Limits:	100% RH 180 F
Actual Header Or Box Filter Face Size:	Nominal size less ⅝-inch (e.g., a nominal 24”x 24” filter is actually 23 ⅜” x 23 ⅜”)
Actual Depth:	5 ½ inches or 11½ inches

Model Number	Nominal Size	Actual Dimensions	Nominal Capacity	Resistanc (in. w.g.) 90-95%	80-85%	60-65%	Weight (lbs)
SGA____ -4412	24x24x12	23⅜ x 23⅜ x 11½	2000	.68	.54	.40	18
SGA____ -2412	12x24x12	11⅜ x 23⅜ x 11½	1000				12
SGA____ -0012	20x20x12	19⅜ x 19⅜ x 11½	1400				1
SGA____ -0412	20x24x12	19⅜ x 23⅜ x 11½	1500				16
SGA____ -0512	20x25x12	19⅜ x 24⅜ x 11½	1700				17
SGA____ -6012	16x20x12	15⅜ x 19⅜ x 11½	1400				12
SGA____ -6512	16x25x12	15⅜ x 24⅜ x 11½	1100				15
SGA____ -4406	24x24x6	23⅜ x 23⅜ x5	1000	.42	.36	.20	13
SGA____ -2406	12x24x6	11⅜ x 23⅜ x5	500				9
SGA____ -0006	20x20x6	19⅜ x 19⅜ x5	700				10
SGA____ -0406	20x24x6	19⅜ x 23⅜ x5	750				12
SGA____ -0506	20x25x6	19⅜ x 24⅜ x11 ½	850				12
SGA____ -6006	16x20x6	15⅜ x 19⅜ x5	550				9

GENERAL NOTES

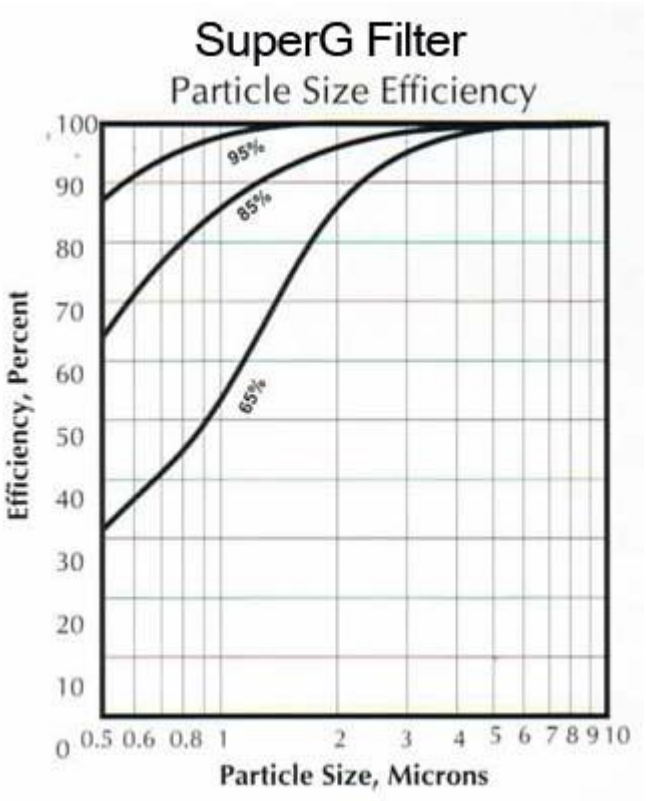
• "Initial Resistance" denotes clean pressure drop in inches of water gauge. Factory recommended final pressure drop for all models of l filters is 2.0" of water gauge. System design or other conditions may dictate a lower pressure drop at change-out.

• Filter sizes as stated are nominal sizes. Actual filter face sizes are 5/8" under in both height and width for 12x24 and 24x24 filters.

• Superior Filtration Products performance tolerances conform to Section 7.4 of API Standard 850.

• Performance values as shown may be averages or estimates to generally represent product styles and models. Values given on this sheet pertain to micro-glass media. Contact the factory to obtain values for other media types.

• Superior Filtration Products uses an ongoing research and development model. As such design characteristics, specifications, and performance data may change without notice.



The filter pack is made from water-resistant, all-glass microfiber media.
The filter pack is uniformly separated and supported by corrugated aluminum separators.
The filter is constructed with a galvanzied frame with a sealant holding the filter pack to the frame. The frame is secured by rivets and diagional braces attached to the upstream and down stream side of the filter. A 24 guage galvanized header is attached to the frame using rivets and can be placed on one or both sides of the filter frame.
The filter has an average rating of 95%, 85% or 65% as determined by ASHRAE 52.1-1992 or a MERV 15, 14 or 13 as determined by ASHRAE 52.2 1999.

LEED (Leadership in Energy and Environmental Design) Certification and Superior Filtration Products Air Filter and Housings

Energy costs can total over 10 times the initial cost of a standard pleated filter, and 4 to 5 times the initial cost of a higher efficiency final filter, over the life-cycle of the filter. While no individual product may be LEED certified, the use of high efficiency, low pressure drop RigidFlow filers can help with LEED certification in several areas. For example, by reducing current loads on the HVAC system motor a credit may be earned for fulfilling LEED-EB & NC energy and Atmosphere/Prerequisite 2. Further credits may be available for Materials and Resources/Prerequisite 1.1, Energy and Atmosphere/Credit 1 & 5, Indoor environmental Quality/Credit 3, 4, 1, and 5.1.

Contact us to see what methods we have available to help you fulfill your LEED Certification Requirements.

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the Ultimate in Air Filtration