

Box Filters

BioCel® I

Product Overview

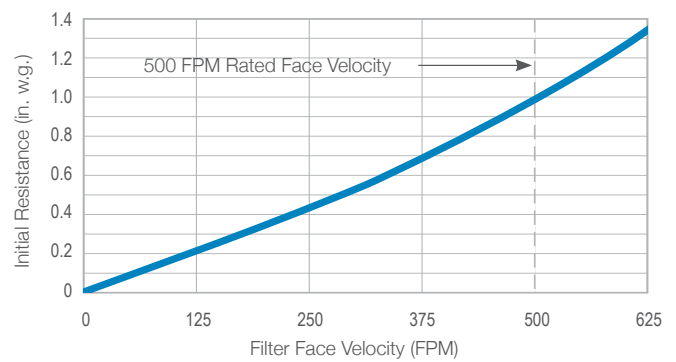
- Rigid all-metal construction and water-resistant media in a supported pleat-type configuration
- Can be used in systems with difficult operating conditions, including:
 - Variable air volume
 - Turbulent airflow
 - Repeated fan shutdown
 - High temperature
 - High humidity
 - Intermittent exposure to water, such as sea coast installations



Specifications

Efficiency	MERV 16
Filter Depth	6", 12"
Media Type	Fiberglass
Frame Material	Galvanized Steel
Separator Style	Aluminum
Special Size Available	No
Antimicrobial Available	No
Single Header	Yes
Max Operating Temperature	350°F (177°C)
Air Filtration Certification	UL 900

Initial Resistance vs. Filter Face Velocity



Product Information

Part Number	Drawing Number	Nominal Size Inches (W x H x D)	Rated Airflow Capacity (SCFM)	Std. Pkg. Qty. per Carton	Shipping Wt. Lbs. per Box (± 7%)	Cubic Ft.
Single Header MERV 16 Standard Sizes						
Rated Filter Face Velocity: 500 FPM						
510-532-014	105-1357532-14	24 x 24 x 12	2,000	1	20.0	4.3
510-532-012	105-1357532-12	24 x 20 x 12	1,650	1	17.0	3.6
510-532-016	105-1357532-16	12 x 24 x 12	1,000	1	12.0	2.2
Rated Filter Face Velocity: 250 FPM						
510-532-013	105-1357532-13	24 x 24 x 6	1,000	2	22.0	4.7
510-532-011	105-1357532-11	24 x 20 x 6	825	2	19.5	2.0
510-532-015	105-1357532-15	12 x 24 x 6	500	2	14.0	2.4
Double Header MERV 16 Standard Sizes						
Rated Filter Face Velocity: 500 FPM						
511-631-001	105-1357631-1	24 x 24 x 12	2,000	1	21.5	4.3
511-631-007	105-1357631-7	24 x 24 x 12 ¹	2,000	1	21.5	4.3
511-631-003	105-1357631-3	20 x 24 x 12	1,650	1	18.5	3.6
511-631-002	105-1357631-2	12 x 24 x 12	1,000	1	13.0	2.2
Rated Filter Face Velocity: 250 FPM						
511-631-004	105-1357631-4	24 x 24 x 6	1,000	2	24.0	4.7
511-631-008	105-1357631-8	24 x 24 x 6 ¹	1,000	2	24.0	4.7
511-631-006	105-1357631-6	20 x 24 x 6	825	2	21.5	2.0
511-631-005	105-1357631-5	12 x 24 x 6	500	2	15.5	2.4

¹Actual face dimensions are 24" x 24".
Additional sizes available upon request.

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AAF has a policy of continuous product research and improvement and reserves the right to change design and specifications without notice.

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