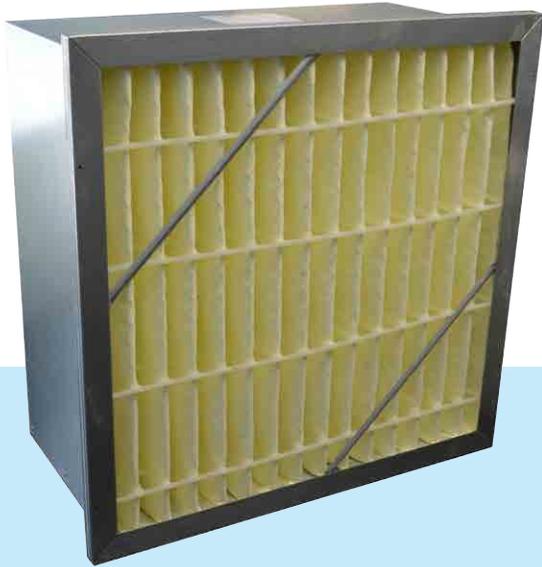


Multi-Flo[™]

Extended Surface Rigid Air Filter



Features

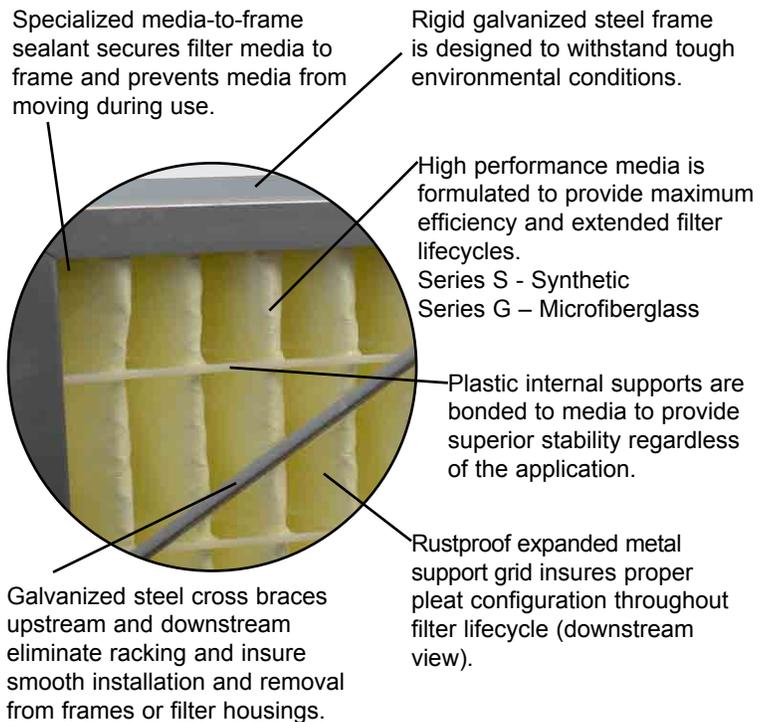
- **Low pressure drop**
- **Reduces energy cost**
- **Durable plastic internal supports**
- **MERV 10 - 15 performance rating**
- **High efficiency synthetic or microfiberglass media**
- **Rigid construction for variable-air-volume systems**

Series S Synthetic Media

The media used in Multi-Flo Series S is composed of 100% synthetic fibers. These synthetic fibers are formed into a dual stage graded-density mat which ensures full depth loading, high dust holding capacity, and total media utilization. Also, these synthetic microfibers exhibit extraordinary strength and will not shed, even in high moisture applications or other adverse conditions. The media is supported downstream by a layer of spun-bonded synthetic. Multi-Flo Series S is available in four ASHRAE efficiency ranges (MERV 11-15) to meet the unique demands of every application.

The Koch Multi-Flo is a rigid, extended surface air filter engineered to provide medium and high efficiency air filtration, and long filter lifecycles. The Multi-Flo, because of its rugged metal and plastic frame construction, is capable of operating in a wide variety of air handling systems, and is an excellent product for variable-air-volume (VAV) applications where changes in airflow might render a non-rigid filter ineffective. Multi-Flo filters are widely used in hospitals, manufacturing plants, automotive plants, office buildings, universities, pharmaceutical laboratories, and in many other commercial and industrial applications. The Multi-Flo is interchangeable with all makes and models of competitive rigid filters. They are available in a single-header or non-header configuration, making it easy to install in any side access or front access housing. Each filter is completely disposable and is furnished ready for installation.

Multi-Flo Construction



Specialized media-to-frame sealant secures filter media to frame and prevents media from moving during use.

Rigid galvanized steel frame is designed to withstand tough environmental conditions.

High performance media is formulated to provide maximum efficiency and extended filter lifecycles.
Series S - Synthetic
Series G - Microfiberglass

Plastic internal supports are bonded to media to provide superior stability regardless of the application.

Rustproof expanded metal support grid insures proper pleat configuration throughout filter lifecycle (downstream view).

Galvanized steel cross braces upstream and downstream eliminate racking and insure smooth installation and removal from frames or filter housings.

Series G Microfiberglass Media

Multi-Flo Series G filters are constructed with a microfiberglass media. The ultrafine glass fibers used in Series G media are formed into a progressively dense high loft blanket which provides high dust holding and low resistance to airflow. The microfiberglass media used in Multi-Flo Series G is designed specifically for use in high efficiency air filtration and has a long record of proven reliability, even under extreme atmospheric conditions. Multi-Flo Series G is available in four ASHRAE efficiency ranges (MERV 10-14) to meet the unique demands of every application.

Multi-Flo™ Product Information

Nominal Size (inches) W x H x D	Actual Size (inches) W x H x D	Capacity (CFM)	Initial Resistance (inches w.g.)				Media Area Sq.Ft.
			90-95%	80-85%	60-65%	40-45%	
Multi-Flo NHM - Series S (No Header)			MERV 15	MERV 14	MERV 12	MERV 11	
24 x 24 x 12	23-3/8 x 23-3/8 x 11-1/2	2000	0.58	0.45	0.33	0.32	61
12 x 24 x 12	11-3/8 x 23-3/8 x 11-1/2	1000	0.58	0.45	0.33	0.32	30
24 x 24 x 6	23-3/8 x 23-3/8 x 5-7/8	1000	0.58	0.45	0.33	0.32	33
12 x 24 x 6	11-3/8 x 23-3/8 x 5-7/8	500	0.58	0.45	0.33	0.32	16
20 x 20 x 12	19-3/8 x 19-3/8 x 11-1/2	1400	0.58	0.45	0.33	0.32	42
20 x 24 x 12	19-3/8 x 23-3/8 x 11-1/2	1667	0.58	0.45	0.33	0.32	50
20 x 24 x 6	19-3/8 x 23-3/8 x 5-7/8	834	0.58	0.45	0.33	0.32	27
20 x 20 x 6	19-3/8 x 19-3/8 x 5-7/8	700	0.58	0.45	0.33	0.32	23
Multi-Flo FM - Series S (Single Header)			MERV 15	MERV 14	MERV 12	MERV 11	
24 x 24 x 12	23-3/8 x 23-3/8 x 11-1/2	2000	0.59	0.46	0.34	0.33	55
12 x 24 x 12	11-3/8 x 23-3/8 x 11-1/2	1000	0.59	0.46	0.34	0.33	24
24 x 24 x 6	23-3/8 x 23-3/8 x 5-7/8	1000	0.59	0.46	0.34	0.33	29
12 x 24 x 6	11-3/8 x 23-3/8 x 5-7/8	500	0.59	0.46	0.34	0.33	13
20 x 20 x 12	19-3/8 x 19-3/8 x 11-1/2	1400	0.59	0.46	0.34	0.33	37
20 x 24 x 12	19-3/8 x 23-3/8 x 11-1/2	1667	0.59	0.46	0.34	0.33	44
20 x 24 x 6	19-3/8 x 23-3/8 x 5-7/8	834	0.59	0.46	0.34	0.33	24
20 x 20 x 6	19-3/8 x 19-3/8 x 5-7/8	700	0.59	0.46	0.34	0.33	20
Multi-Flo NHM - Series G (No Header)			MERV 14	MERV 13	MERV 11	MERV 10	
24 x 24 x 12	23-3/8 x 23-3/8 x 11-1/2	2000	0.6	0.47	0.35	0.34	61
12 x 24 x 12	11-3/8 x 23-3/8 x 11-1/2	1000	0.6	0.47	0.35	0.34	30
24 x 24 x 6	23-3/8 x 23-3/8 x 5-7/8	1000	0.6	0.47	0.35	0.34	33
12 x 24 x 6	11-3/8 x 23-3/8 x 5-7/8	500	0.6	0.47	0.35	0.34	16
20 x 20 x 12	19-3/8 x 19-3/8 x 11-1/2	1400	0.6	0.47	0.35	0.34	42
20 x 24 x 12	19-3/8 x 23-3/8 x 11-1/2	1667	0.6	0.47	0.35	0.34	50
20 x 24 x 6	19-3/8 x 23-3/8 x 5-7/8	834	0.6	0.47	0.35	0.34	27
20 x 20 x 6	19-3/8 x 19-3/8 x 5-7/8	700	0.6	0.47	0.35	0.34	23
Multi-Flo FM - Series G (Single Header)			MERV 14	MERV 13	MERV 11	MERV 10	
24 x 24 x 12	23-3/8 x 23-3/8 x 11-1/2	2000	0.68	0.55	0.43	0.42	55
12 x 24 x 12	11-3/8 x 23-3/8 x 11-1/2	1000	0.68	0.55	0.43	0.42	24
24 x 24 x 6	23-3/8 x 23-3/8 x 5-7/8	1000	0.68	0.55	0.43	0.42	29
12 x 24 x 6	11-3/8 x 23-3/8 x 5-7/8	500	0.68	0.55	0.43	0.42	13
20 x 20 x 12	19-3/8 x 19-3/8 x 11-1/2	1400	0.68	0.55	0.43	0.42	37
20 x 24 x 12	19-3/8 x 23-3/8 x 11-1/2	1667	0.68	0.55	0.43	0.42	44
20 x 24 x 6	19-3/8 x 23-3/8 x 5-7/8	834	0.68	0.55	0.43	0.42	24
20 x 20 x 6	19-3/8 x 19-3/8 x 5-7/8	700	0.68	0.55	0.43	0.42	20

Additional Multi-Flo Information

1. Average Efficiency: ASHRAE 52.1-1992 and 52.2-2007 test standard
2. Final Resistance: 1.5" W.G.
3. Rated Velocity: 500 FPM - 12" Deep
4. Rated Velocity: 250 FPM - 6" Deep

5. Maximum Operating Temperature: 180 degrees Fahrenheit and 82 degrees Celsius
6. Tolerance: Height & Width - +0 / -1/8"
7. Tolerance: Depth - +/- 1/16"

