

# Multi-SAK™

## Medium and High Efficiency Extended Surface Air Filters



### Series G Microfiber Media

**Unaffected by moisture and humidity**

**Long record of proven reliability**

**Progressively dense media**

**Available in 3 efficiencies:  
MERV 11, MERV 13 and MERV 14**

### Series S Synthetic Media

**100% dual-layered synthetic fibers**

**Low pressure drop**

**Unaffected by moisture and humidity**

**Available in 4 efficiencies:  
MERV 9, MERV 11, MERV 13 and MERV 15**

### Multi-Sak

The Koch Multi-Sak is an extended surface air filter, designed for most medium and high efficiency air filtration systems.

The Multi-Sak is capable of operating in systems with rated face velocities of 500 CFM to 3000 CFM. Available efficiencies range from 20% to 95%, and seven standard face sizes are offered.

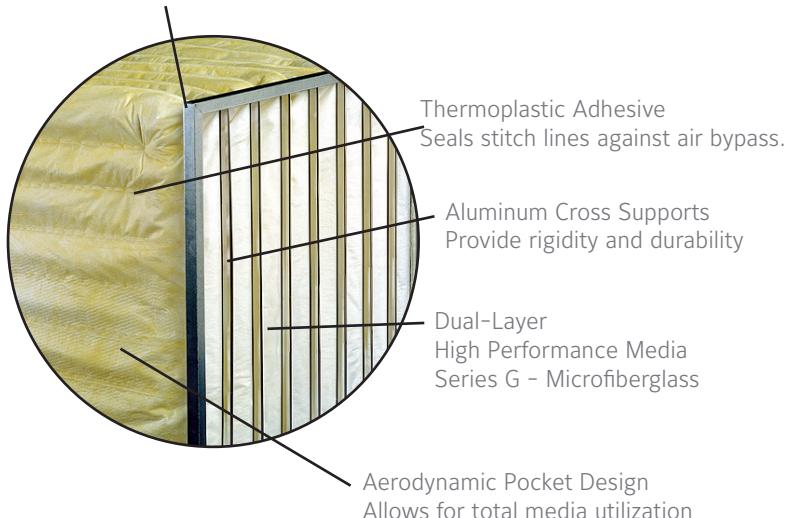
This broad spectrum of styles and models makes the Multi-Sak extremely versatile and suitable for almost any commercial or industrial air handling system. Multi-Sak filters are presently in use in over 20,000 applications, including hospitals, automotive plants, office buildings, universities, pharmaceutical facilities, and sports arenas around the world.

### Two Media Options

In order to meet the strict Indoor Air Quality specifications found in today's complex air filtration systems, Koch offers the Multi-Sak with two distinct types of air filter media. With two media choices, the end-user is assured of finding the correct product for every type of air handling system.

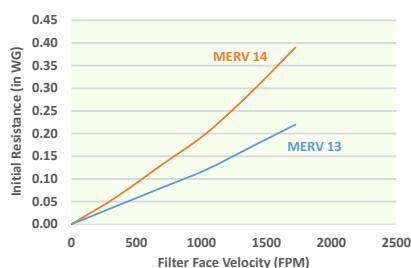
### Multi-Sak Construction

Roll-Formed, Safe-Edged Galvanized Steel Header  
Available in standard 13/16" or 1-1/8" "C" header.

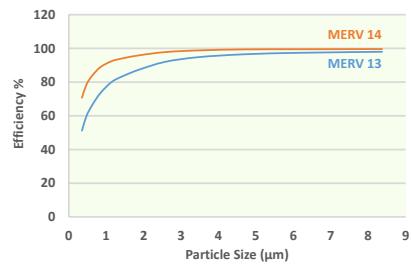


## Multi-Sak Technical Data

### Initial Resistance vs. Filter Face Velocity



### Efficiency by Particle Size



Nominal Size (in.)	Media Area (sq. ft.)	Number of Pockets	Air Flow Capacity (CFM)			Series S Initial Pressure Drop @ 500 FPM			Series G Initial Pressure Drop @ 500 FPM		
			@300 FPM	@500 FPM	@625 FPM	MERV 15	MERV 13	MERV 11	MERV 14	MERV 13	MERV 11
24x24x36	135	10	2000	2500	3000	0.42	0.33	0.27	0.44	0.35	0.29
24x24x36	108	8	2000	2500	3000	0.44	0.35	0.29	0.46	0.37	0.31
24x24x36	81	6	1500	2000	2500	0.49	0.40	0.33	0.51	0.42	0.35
24x24x30	113	10	1500	2000	2500	0.47	0.38	0.32	0.49	0.40	0.34
24x24x30	90	8	1500	2000	2500	0.45	0.36	0.30	0.47	0.38	0.32
24x24x30	68	6	1500	2000	2500	0.49	0.40	0.34	0.51	0.42	0.36
24x24x22	67	8	1000	1500	2000	0.50	0.44	0.35	0.52	0.46	0.37
24x24x22	51	6	1000	1500	2000	0.52	0.46	0.37	0.54	0.48	0.39
24x24x18	56	8	1000	1500	2000	0.59	0.52	0.42	0.61	0.54	0.44
24x24x18	42	6	1000	1500	2000	0.61	0.54	0.44	0.63	0.56	0.46
12x24x36	68	5	1000	1250	1500	0.45	0.36	0.29	0.47	0.38	0.31
12x24x36	54	4	1000	1250	1500	0.47	0.38	0.31	0.49	0.40	0.33
12x24x36	42	3	1000	1250	1500	0.49	0.40	0.33	0.51	0.42	0.35
12x24x30	57	5	1000	1250	1500	0.43	0.34	0.28	0.45	0.36	0.30
12x24x30	46	4	750	1000	1250	0.45	0.36	0.30	0.47	0.38	0.32
12x24x30	35	3	750	1000	1250	0.49	0.40	0.34	0.51	0.42	0.36
12x24x22	34	4	500	750	1000	0.50	0.46	0.35	0.52	0.48	0.37
12x24x22	25	3	500	750	1000	0.52	0.48	0.37	0.54	0.50	0.39
12x24x18	28	4	500	750	1000	0.52	0.48	0.37	0.54	0.50	0.39
12x24x18	21	3	500	750	1000	0.54	0.50	0.39	0.56	0.52	0.41
20x24x36	68	5	1600	2000	2400	0.51	0.42	0.36	0.53	0.44	0.38
20x24x30	58	5	1200	1600	1800	0.49	0.40	0.34	0.51	0.42	0.36
20x24x22	40	5	1000	1200	1400	0.54	0.48	0.39	0.56	0.50	0.41
20x24x33	59	5	800	1200	1600	0.51	0.42	0.37	0.53	0.44	0.39
20x20x22	38	5	600	800	1000	0.54	0.48	0.39	0.56	0.50	0.41

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