

Multi-SAK™

Medium and High Efficiency Extended Surface Air Filters



Series S Synthetic Media

- 100% dual-layered synthetic fibers.
- Low pressure drop
- Unaffected by moisture or humidity
- Available in 4 efficiency ranges
 - 90-95% MERV 14
 - 80-85% MERV 13
 - 60-65% MERV 11
 - 40-50% MERV 19

Series G Microfiberglass Media

- Unaffected by moisture and humidity
- Long record of proven reliability
- Progressively dense media
- Available in 4 efficiencies:
 - 90-95% MERV 14
 - 80-85% MERV 13
 - 60-65% MERV 12
 - 40-50% MERV 10

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



Nominal Size	Media Area	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 14	MERV 13	MERV 11	MERV 14	MERV 13	MERV 12
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

Nominal Size	Media Area	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 11	MERV 8	MERV 10
24x24x22	135	51	1000	1500	2000	0.32	0.30	0.33
24x24x15	108	35	1000	1500	2000	0.34	0.35	0.35
24x24x12	81	28	1000	1500	2000	0.35	0.40	0.36
12x24x22	113	25	500	750	1000	0.32	0.30	0.33
12x24x15	90	18	500	750	1000	0.32	0.35	0.35
12x24x12	68	14	500	750	1000	0.30	0.40	0.36
20x24x22	67	40	1000	1200	1400	0.32	0.35	0.34
20x24x15	51	26	1000	1200	1400	0.32	0.40	0.35
20x24x12	56	22	1000	1200	1400	0.34	0.40	0.36



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