

MULTI-SAK[™]

Medium and High Efficiency Extended Surface Air Filters



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.

Series S *Synthetic Media*

- 100% dual-layered synthetic fibers.
- Low pressure drop
- Unaffected by moisture or humidity
- Available in 5 efficiency ranges
 - 85-90% MERV 14
 - 80-85% MERV 13
 - 60-65% MERV 12
 - 40-50% MERV 11
 - 25-35% MERV 8

Series G *Microfiberglass Media*

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

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



Multi-Sak™ Product Information

Multi-Sak High Efficiency

Nominal Size (WxHxD)	Media Area (Sq. Ft.)	Number Pockets	Air Flow Capacities (CFM)			Series "S" Initial Pressure Drop (in W.G.) @ 500 FPM			Series "G" Initial Pressure Drop (in W.G.) @ 500 FPM			Recommended Final Pressure Drop (in W.G.)
						MERV 14	MERV 13	MERV 11	MERV 14	MERV 13	MERV 12	
						90-95 %	80-85%	60-65%	90-95%	80-85%	60-65%	
24x24x36	135	10	2000	2500	3000	0.42	0.33	0.27	0.44	0.35	0.29	1.50
24x24x36	108	8	2000	2500	3000	0.44	0.35	0.29	0.46	0.37	0.31	1.50
24x24x36	81	6	1500	2000	2500	0.49	0.40	0.33	0.51	0.42	0.35	1.50
24x24x30	113	10	1500	2000	2500	0.47	0.38	0.32	0.49	0.40	0.34	1.50
24x24x30	90	8	1500	2000	2500	0.45	0.36	0.30	0.47	0.38	0.32	1.50
24x24x30	68	6	1500	2000	2500	0.49	0.40	0.34	0.51	0.42	0.36	1.50
24x24x22	67	8	1000	1500	2000	0.50	0.44	0.35	0.52	0.46	0.37	1.50
24x24x22	51	6	1000	1500	2000	0.52	0.46	0.37	0.54	0.48	0.39	1.50
24x24x18	56	8	1000	1500	2000	0.59	0.52	0.42	0.61	0.54	0.44	1.50
24x24x18	42	6	1000	1500	2000	0.61	0.54	0.44	0.63	0.56	0.46	1.50
12x24x36	68	5	1000	1250	1500	0.45	0.36	0.29	0.47	0.38	0.31	1.50
12x24x36	54	4	1000	1250	1500	0.47	0.38	0.31	0.49	0.40	0.33	1.50
12x24x36	42	3	1000	1250	1500	0.49	0.40	0.33	0.51	0.42	0.35	1.50
12x24x30	57	5	1000	1250	1500	0.43	0.34	0.28	0.45	0.36	0.30	1.50
12x24x30	46	4	750	1000	1250	0.45	0.36	0.30	0.47	0.38	0.32	1.50
12x24x30	35	3	750	1000	1250	0.49	0.40	0.34	0.51	0.42	0.36	1.50
12x24x22	34	4	500	750	1000	0.50	0.46	0.35	0.52	0.48	0.37	1.50
12x24x22	25	3	500	750	1000	0.52	0.48	0.37	0.54	0.50	0.39	1.50
12x24x18	28	4	500	750	1000	0.52	0.48	0.37	0.54	0.50	0.39	1.50
12x24x18	21	3	500	750	1000	0.54	0.50	0.39	0.56	0.52	0.41	1.50
20x24x36	68	5	1600	2000	2400	0.51	0.42	0.36	0.53	0.44	0.38	1.50
20x24x30	58	5	1200	1600	1800	0.49	0.40	0.34	0.51	0.42	0.36	1.50
20x24x22	40	5	1000	1200	1400	0.54	0.48	0.39	0.56	0.50	0.41	1.50
20x24x33	59	5	800	1200	1600	0.51	0.42	0.37	0.53	0.44	0.39	1.50
20x20x22	38	5	600	800	1000	0.54	0.48	0.39	0.56	0.50	0.41	1.50

Multi-Sak Medium Efficiency

Nominal Size (WxHxD)	Media Area (Sq. Ft.)	Number Pockets	Air Flow Capacities (CFM)			Series "S" Initial Pressure Drop (in W.G.) @ 500 FPM		Series "G" Initial Pressure Drop (in W.G.) @ 500 FPM	Recommended Final Pressure Drop (in W.G.)
						MERV 11	MERV 8	MERV 10	
						40-50%	25-35%	40-50%	
24x24x22	51	6	1000	1500	2000	0.32	0.30	0.33	1.20
24x24x15	35	6	1000	1500	2000	0.34	0.35	0.35	1.20
24x24x12	28	6	1000	1500	2000	0.35	0.40	0.36	1.20
12x24x22	25	3	500	750	1000	0.32	0.30	0.33	1.20
12x24x15	18	3	500	750	1000	0.32	0.35	0.35	1.20
12x24x12	14	3	500	750	1000	0.30	0.40	0.36	1.20
20x24x22	40	5	1000	1200	1400	0.32	0.35	0.34	1.20
20x24x15	26	5	1000	1200	1400	0.32	0.40	0.35	1.20
20x24x12	22	5	1000	1200	1400	0.34	0.40	0.36	1.20



Regional Sales Offices/Distribution Centers

Atlanta, GA • Detroit, MI • East Greenville, PA* • Houston, TX*
Indianapolis, IN • Kansas City, MO • Louisville, KY* • Madbury, NH
Miami, FL • Nashville, TN • Mira Loma, CA* • Tacoma, WA

*Denotes manufacturing site.



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