

# Multi-SAK™

## Medium and High Efficiency Extended Surface Air Filters



### Series G Microfiberglass Media

Unaffected by moisture and humidity

Long record of proven reliability

Progressively dense media

Available in 4 efficiencies:  
MERV 12, 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 11, MERV 12, MERV 13 and MERV 14

### 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.

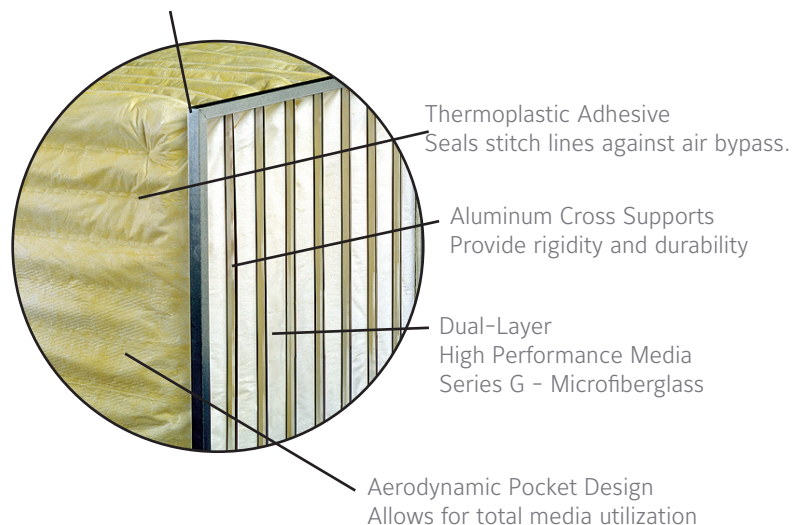
This broad spectrum of styles and models makes the Multi-Sak extremely versatile and suitable for almost any commercial or industrial air handling system. Multi-Sak filters are presently in use in over 20,000 applications, including hospitals, automotive plants, office buildings, universities, pharmaceutical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

| 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 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    |