



Koch Filter Corporation
Filtration Products Crafted with Pride

Multi-Pleat **Green 13**TM

MERV 13 Extended Surface Panel Filters



The Koch Multi-Pleat GREEN 13 is a high efficiency extended surface pleated panel filter, engineered to provide higher initial efficiencies than standard pleated filters.

The Green 13 is a sustainable component of green building development. By virtue of its MERV 13 performance rating, the Green 13 can earn points toward LEED certification in the US Green Building Council's Green Building Rating System. (LEED is Leadership in Energy and Environmental Design, an integral part of the rating system).

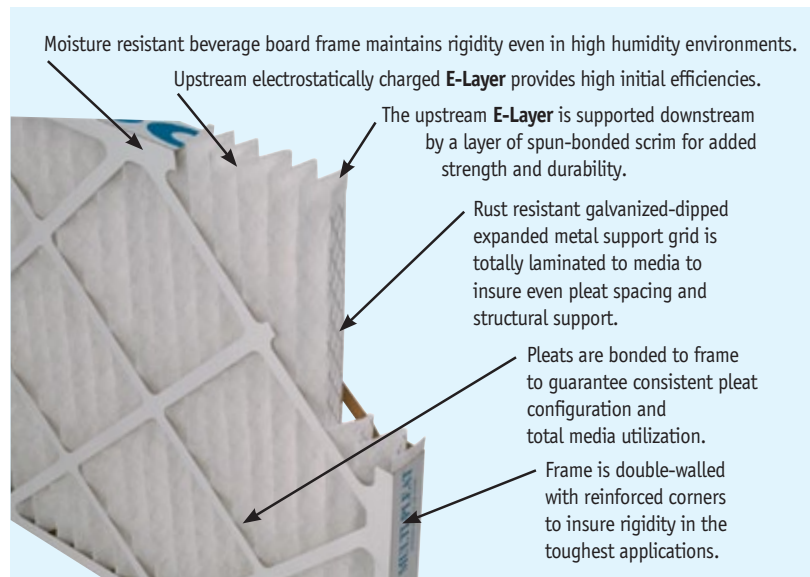
The MERV 13 performance ratings provided by the Multi-Pleat GREEN 13 make the filter an excellent upgrade from disposable filters and ordinary pleated filters in applications such as hospitals, laboratories and pharmaceutical plants, commercial office buildings, and in any system in which a higher degree of clean air is required.

Multi-Pleat Green 13 Construction

The media in the **Multi-Pleat Green 13** is produced with a specialized blend of electrostatically-charged synthetic fibers, researched by Koch Filter Corporation specifically for use in extended surface air filtration. This layer of polypropylene fibers, known as the **E-Layer**, is composed of rectangular shaped fibers arranged in an intersecting cross-pattern design. This unique fiber configuration insures greater stability of the electrostatic charge, reduced pressure drop, and prolonged efficiencies compared to other filter medias.

Features

- MERV 13 performance rating in accordance with ASHRAE Test Standard 52.2-2007
- Earns LEED points
- Reduces energy cost
- Extended filter lifecycle
- Conserves resources
- Improves indoor environmental quality
- Available in 1", 2" and 4"



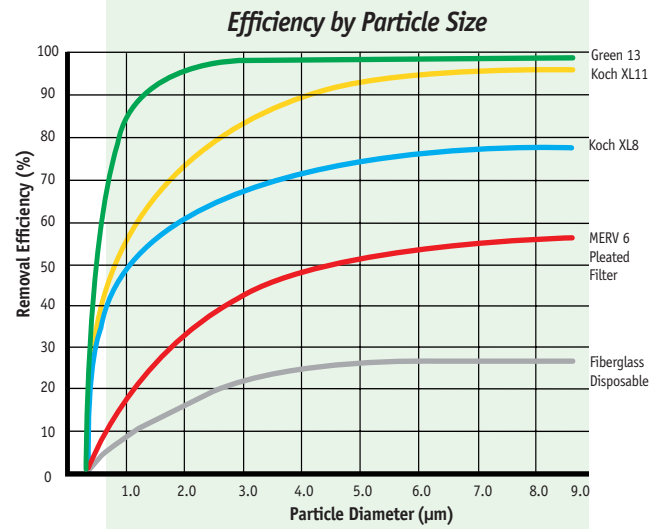
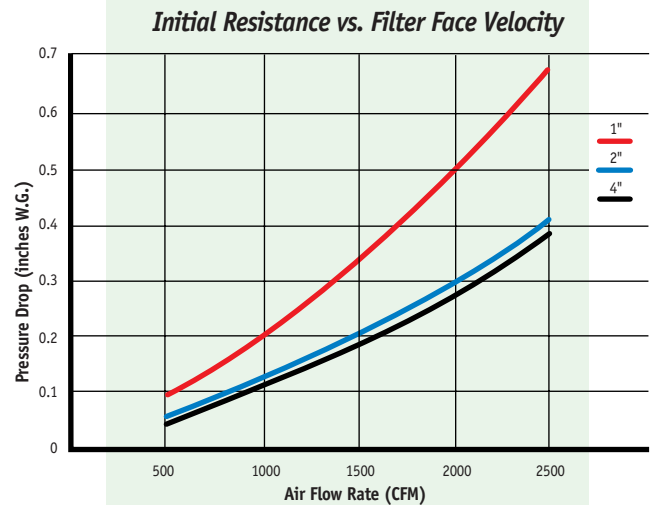
Koch Filter Corporation...Durable. Reliable. Versatile.

Multi-Pleat Green 13 Technical Data



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Size (Nominal)	Size (Actual in inches)	Capacity (CFM)			Resistance (In. W.G.)			Media Area (Sq. Ft.)
		Low	Med	High	Low	Med	High/Final	
10 x 20 x 1	9-1/2 x 19-1/2 x 3/4	425	700	NR	.26	.50	NR/1.0	2.9
12 x 20 x 1	11-1/2 x 19-1/2 x 3/4	500	840	NR	.26	.50	NR/1.0	3.5
12 x 24 x 1	11-3/8 x 23-3/8 x 3/4	600	1000	NR	.26	.50	NR/1.0	4.2
14 x 20 x 1	13-1/2 x 19-1/2 x 3/4	590	980	NR	.26	.50	NR/1.0	4.1
14 x 25 x 1	13-1/2 x 24-1/2 x 3/4	730	1215	NR	.26	.50	NR/1.0	5.1
15 x 20 x 1	14-1/2 x 19-1/2 x 3/4	625	1050	NR	.26	.50	NR/1.0	4.4
16 x 20 x 1	15-1/2 x 19-1/2 x 3/4	670	1115	NR	.26	.50	NR/1.0	4.7
16 x 25 x 1	15-1/2 x 24-1/2 x 3/4	840	1400	NR	.26	.50	NR/1.0	5.9
18 x 24 x 1	17-3/8 x 23-3/8 x 3/4	900	1500	NR	.26	.50	NR/1.0	6.3
18 x 25 x 1	17-1/2 x 24-1/2 x 3/4	940	1570	NR	.26	.50	NR/1.0	6.6
20 x 20 x 1	19-1/2 x 19-1/2 x 3/4	840	1400	NR	.26	.50	NR/1.0	5.9
20 x 25 x 1	19-1/2 x 24-1/2 x 3/4	1050	1740	NR	.26	.50	NR/1.0	7.4
24 x 24 x 1	23-3/8 x 23-3/8 x 3/4	1200	2000	NR	.26	.50	NR/1.0	8.5
25 x 25 x 1	24-1/2 x 24-1/2 x 3/4	1310	2170	NR	.26	.50	NR/1.0	9.3
10 x 20 x 2	9-1/2 x 19-1/2 x 1-3/4	425	700	875	.12	.29	.41/1.0	6
12 x 20 x 2	11-1/2 x 19-1/2 x 1-3/4	500	840	1050	.12	.29	.41/1.0	7.2
12 x 24 x 2	11-3/8 x 23-3/8 x 1-3/4	600	1000	1200	.12	.29	.41/1.0	8.6
14 x 20 x 2	13-1/2 x 19-1/2 x 1-3/4	590	980	1215	.12	.29	.41/1.0	8.4
14 x 25 x 2	13-1/2 x 24-1/2 x 1-3/4	730	1215	1520	.12	.29	.41/1.0	10.6
15 x 20 x 2	14-1/2 x 19-1/2 x 1-3/4	625	1050	1310	.12	.29	.41/1.0	9.1
16 x 20 x 2	15-1/2 x 19-1/2 x 1-3/4	670	1115	1400	.12	.29	.41/1.0	9.7
16 x 24 x 2	15-1/2 x 23-1/2 x 1-3/4	800	1350	1675	.12	.29	.41/1.0	11.6
16 x 25 x 2	15-1/2 x 24-1/2 x 1-3/4	840	1400	1740	.12	.29	.41/1.0	12.1
18 x 20 x 2	17-1/2 x 19-1/2 x 1-3/4	750	1250	1570	.12	.29	.41/1.0	10.9
18 x 24 x 2	17-1/2 x 23-1/2 x 1-3/4	900	1500	1875	.12	.29	.41/1.0	13.1
18 x 25 x 2	17-1/2 x 24-1/2 x 1-3/4	950	1570	1960	.12	.29	.41/1.0	13.7
20 x 20 x 2	19-1/2 x 19-1/2 x 1-3/4	840	1400	1740	.12	.29	.41/1.0	12.2
20 x 24 x 2	19-1/2 x 23-1/2 x 1-3/4	1000	1675	2100	.12	.29	.41/1.0	14.6
20 x 25 x 2	19-1/2 x 24-1/2 x 1-3/4	1050	1740	2170	.12	.29	.41/1.0	15.2
24 x 24 x 2	23-3/8 x 23-3/8 x 1-3/4	1200	2000	2500	.12	.29	.41/1.0	17.5
25 x 25 x 2	24-1/2 x 24-1/2 x 1-3/4	1310	2170	2720	.12	.29	.41/1.0	19.1
12 x 24 x 4	11-3/8 x 23-3/8 x 3-3/4	600	1000	1250	.11	.27	.39/1.0	12.9
16 x 20 x 4	15-1/2 x 19-1/2 x 3-3/4	670	1115	1400	.11	.27	.39/1.0	14.7
16 x 24 x 4	15-3/8 x 23-3/8 x 3-3/4	800	1350	1675	.11	.27	.39/1.0	17.5
16 x 25 x 4	15-1/2 x 24-1/2 x 3-3/4	840	1400	1750	.11	.27	.39/1.0	18.4
18 x 24 x 4	17-1/2 x 23-3/8 x 3-3/4	900	1500	1875	.11	.27	.39/1.0	19.9
20 x 20 x 4	19-1/2 x 19-1/2 x 3-3/4	840	1400	1740	.11	.27	.39/1.0	18.4
20 x 24 x 4	19-1/2 x 23-3/8 x 3-3/4	1000	1675	2100	.11	.27	.39/1.0	22.2
20 x 25 x 4	19-1/2 x 24-1/2 x 3-3/4	1050	1740	2170	.11	.27	.39/1.0	23.1
24 x 24 x 4	23-3/8 x 23-3/8 x 3-3/4	1200	2000	2500	.11	.27	.39/1.0	26.6
24 x 24 x 6	23-3/8 x 23-3/8 x 5-3/4	1200	2000	2500	.13	.31	.45/1.0	40.7



Additional Multi-Pleat Green 13 Product Information

Recommended Final Pressure Drop is 1.0" w.g. • Performance data is based on ASHRAE Test Standards 52.1-1999 and 52.2-2007.

Recommended maximum continuous operational temperature is 200°F (93°C).

Multi-Pleat Green 13 filters are listed and tested in accordance with UL Standard 900.

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*Denotes manufacturing site.

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Koch Filter Corporation maintains a policy of continuous product research and improvement, and retains the right to change product specification and design without notice.



Look for the Koch Green icon! Whenever you see the Koch Green icon, we are identifying a product that meets or exceeds our criteria in one or more of the following categories: Earns LEED Points, Reduces Energy Costs, Extends Filter Lifecycles, Conserves Resources, and Improves Indoor Environmental Quality.

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