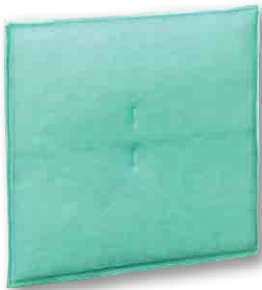


Maxi-Grid™

A Complete Line of Internally-Supported Panel Filters

Koch **Maxi-Grid** internally-supported panel filters are designed for use in commercial buildings, hospitals, industrial applications and paint spray booths. The Maxi-Grid synthetic media is an ideal choice for high moisture applications. The **Maxi-Grid** self sealing design and steel internal support wire offer durability for in all conditions. The progressively dense media offers high dust holding capacity. Available in individual panels or combination link panels for front access holding frames or side-access housings. Antimicrobial options available for the MG300, MG400 and MG550 models.



MG200

- 3-ply panel filter for economical use in commercial, hospitals, paint spray booths.
- Initial Pressure Drop: 0.36" w.g. @ 400FPM
- Dust Holding Capacity: 243 grams @ 1.5" w.g.
- Arrestance Efficiency: 89.76%
- MERV 7 performance rating (ASHRAE Test Standard 52.2-2007).
- Tackifier: Downstream



MG300

- 3-ply panel filter for all-purpose applications.
- Initial Pressure Drop: 0.28" w.g. @ 400FPM
- Dust Holding Capacity: 268 grams @ 1.5" w.g.
- Arrestance Efficiency: 88.79%
- MERV 8 performance rating (ASHRAE Test Standard 52.2-2007).
- Tackifier: Encapsulated between 2nd and 3rd layers



MG400

- 4-ply panel filter designed for applications requiring higher efficiency.
- Initial Pressure Drop: 0.48" w.g. @ 400FPM
- Dust Holding Capacity: 195 grams @ 1.5" w.g.
- Arrestance Efficiency: 92.53%
- MERV 11 performance rating (ASHRAE Test Standard 52.2-2007).
- Tackifier: Downstream



MG550

- 3-ply panel antimicrobial tackified filter with heavy duty wire support.
- Initial Pressure Drop: 0.28" w.g. @ 400FPM
- Dust Holding Capacity: 268 grams @ 1.5" w.g.
- Arrestance Efficiency: 88.79%
- MERV 8 performance rating (ASHRAE Test Standard 52.2-2007).
- Tackifier: Encapsulated between 2nd and 3rd layers

Maxi-Grid™ Technical Data

Nominal Size	Actual Wire Size	Capacity (CFM)			Resistance (in. W.G.)											
		LOW	MED	HIGH	MG 200			MG 300			MG 400			MG 550		
		300	400	500	300	400	500	300	400	500	300	400	500	300	400	500
10 x 20"	9-1/2 x 19-1/2	417	556	694	0.24	0.36	0.49	0.19	0.28	0.38	0.34	0.48	0.67	0.25	0.33	0.41
12 x 24	11-1/2 x 23-1/2	600	800	1000	0.24	0.36	0.49	0.19	0.28	0.38	0.34	0.48	0.67	0.25	0.33	0.41
16 x 20	15-1/2 x 19-1/2	667	889	1111	0.24	0.36	0.49	0.19	0.28	0.38	0.34	0.48	0.67	0.25	0.33	0.41
16 x 25	15-1/2 x 24-1/2	833	1111	1389	0.24	0.36	0.49	0.19	0.28	0.38	0.34	0.48	0.67	0.25	0.33	0.41
20 x 20	19-1/2 x 19-1/2	833	1111	1389	0.24	0.36	0.49	0.19	0.28	0.38	0.34	0.48	0.67	0.25	0.33	0.41
20 x 24	19-1/2 x 23-1/2	1000	1333	1667	0.24	0.36	0.49	0.19	0.28	0.38	0.34	0.48	0.67	0.25	0.33	0.41
20 x 25	19-1/2 x 24-1/2	1050	1388	1736	0.24	0.36	0.49	0.19	0.28	0.38	0.34	0.48	0.67	0.25	0.33	0.41
24 x 24	23-1/2 x 23-1/2	1200	1600	2000	0.24	0.36	0.49	0.19	0.28	0.38	0.34	0.48	0.67	0.25	0.33	0.41



Slip-On-Sleeves

- Economical replacement for fiberglass filters.
- Individual sleeves or sleeve rolls.
- Available in two versions, Type SS (polyester and spunbonded) and Type DL (dual-layered polyester). Both feature replaceable wire frames. For use in fan coil units, package air conditioning units in hotels, commercial buildings, and hospitals.
- Initial Pressure Drop: Type SS: .30" w.g. @ 400 FPM
Type DL: .34" w.g. @ 400 FPM
- Dust Holding Capacity: Type SS: 105 grams @ 1.5" w.g.
Type DL: 140 grams @ 1.5" w.g.
- Arrestance Efficiency: 85%
- MERV 5 performance rating (ASHRAE Test Standard 52.2-2007).
- No Tackifier

Space-saving packaging



Koch Maxi-Grid Filters reduce the cost of shipping and storage by as much as half when compared to standard 2" filters. Standard cardboard-framed filters are packaged 12 per carton (shown on left), while Koch Maxi-Grid Panels are packaged 24 in a single carton.

Koch Maxi-Grid Panels will save valuable storage space, as well as allow maintenance personnel to make fewer trips when carrying filters to the air handler.



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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