

MicroMAX™ EDGE

High Efficiency Synthetic
Minipleat Filter



Features

- **MERV 11 - 15 performance rating**
- **Low resistance to airflow**
- **Compact design**
- **Superior pleat stability**
- **Durable plastic frame**
- **Incinerable**
- **Helps meet LEED requirements**

The **MicroMAX EDGE** is an all synthetic, durable minipleat panel filter that offers an incredible amount of media area compared to other filters of the same size. The increased media area and high dust holding capacity translate into fewer filter changes. Additionally, the **MicroMAX EDGE** design allows for lower energy costs as pressure drops remain low for longer periods. The high mechanical efficiency translates into a better level of indoor air quality.

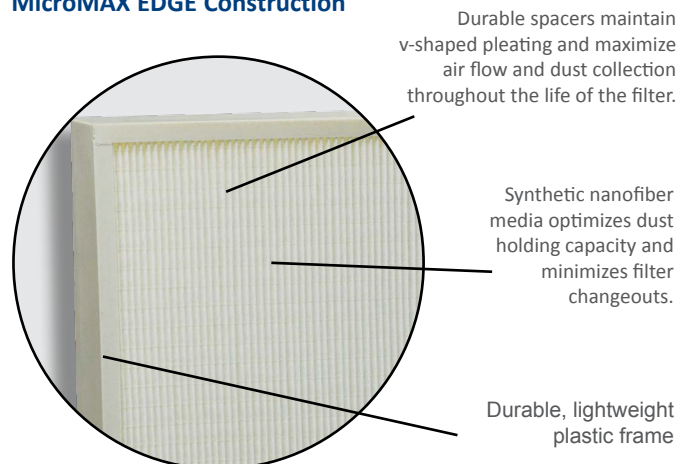
All-Plastic Compact Design

The MicroMAX EDGE is manufactured in a 4" deep, durable plastic frame designed to replace almost any 12" competitive high efficiency filter. The lightweight all-plastic frame installs easily into side-access housings or front-load holding frames and is an ideal choice to replace bag filters and other heavier box-style rigid filters. The lightweight, compact design also helps lower shipping costs and the need for excess inventory space. It is also a preferred choice in applications where incineration is the desired means of disposal.

Nano Fiber Media

The **MicroMAX EDGE** features synthetic microfiber filter media with a 3 dimensional, progressive design for optimum dust holding capacities and product strength. The **MicroMAX EDGE™** contains nanofibers integrated into the fiber media, providing the ability to capture the smallest particles. These synthetic fibers are produced in a solvent free, melt-based and environmentally friendly process and do not contain any chemical binder. These fibers also offer the added benefit of being non-shedding.

MicroMAX EDGE Construction



MicroMAX EDGE™ Product Information

Nominal Size	Actual Size	Capacity (CFM)	Resistance (in w.g.)		Media Area (sq. ft.)
			MERV 15	MERV 11	
24x24x4	23.38 x 23.38 x 3.75	200	0.38	0.21	110
20x25x4	19.50 x 24.50 x 3.75	1750	0.38	0.21	95
20x24x4	19.50 x 23.50 x 3.75	1650	0.38	0.21	91
20x20x4	19.50 x 19.50 x 3.75	1400	0.38	0.21	76
16x25x4	15.50 x 24.50 x 3.75	1400	0.38	0.21	76
16x20x4	15.50 x 19.50 x 3.75	1100	0.38	0.21	61
12x24x4	11.38 x 23.38 x 3.75	1000	0.38	0.21	55

Nominal Size	Actual Size	Capacity (CFM)	Resistance (in w.g.)		Media Area (sq. ft.)
			MERV 14	MERV 12	
25x25x2	24.50 x 24.50 x 1.88	2170	0.41	0.26	46
24x24x2	23.50 x 23.50 x 1.88	2000	0.41	0.26	43
20x30x2	19.50 x 29.50 x 1.88	2085	0.41	0.26	44
20x25x2	19.50 x 24.50 x 1.88	1750	0.41	0.26	37
20x24x2	19.50 x 23.50 x 1.88	1650	0.41	0.26	35
20x20x2	19.50 x 19.50 x 1.88	1400	0.41	0.26	29
18x25x2	17.50 x 24.50 x 1.88	1570	0.41	0.26	33
18x24x2	17.50 x 23.50 x 1.88	1500	0.41	0.26	32
18x20x2	17.50 x 19.50 x 1.88	1250	0.41	0.26	26
16x25x2	15.50 x 24.50 x 1.88	1400	0.41	0.26	29
16x24x2	15.50 x 23.50 x 1.88	1340	0.41	0.26	28
16x20x2	15.50 x 19.50 x 1.88	1120	0.41	0.26	23
16x16x2	15.50 x 15.50 x 1.88	890	0.41	0.26	18
15x20x2	14.50 x 19.50 x 1.88	1050	0.41	0.26	22
14x25x2	13.50 x 24.50 x 1.88	1220	0.41	0.26	25
14x20x2	13.50 x 19.50 x 1.88	980	0.41	0.26	20
12x24x2	11.50 x 23.50 x 1.88	1000	0.41	0.26	21
12x20x2	11.50 x 19.50 x 1.88	840	0.41	0.26	17
10x20x2	9.50 x 19.50 x 1.88	700	0.41	0.26	14
10x10x2	9.50 x 9.50 x 1.88	350	0.41	0.26	7

1. 100% Gradient density synthetic media
2. Pleat spacing provided by durable thermally bonded material
3. Moisture proof construction
4. Durable hard plastic frame
5. Filter components are anti-microbial
6. Max operating temperature: 180°F and 82°C
7. Rated velocity 500 FPM
8. Single header version increases resistance by .05

Reduced Shipping Costs



Compared with most competitive filters, which are packaged only one-per-carton, **MicroMAX EDGE** filters are packaged 3 to a carton.



KOCH FILTER
PURE PERFORMANCE

8401 Air Commerce Drive, Louisville, KY 40219
toll free: 800.757.5624 | phone: 502.634.4796 | Fax: 502.969.2364
info@kochfilter.com | www.kochfilter.com