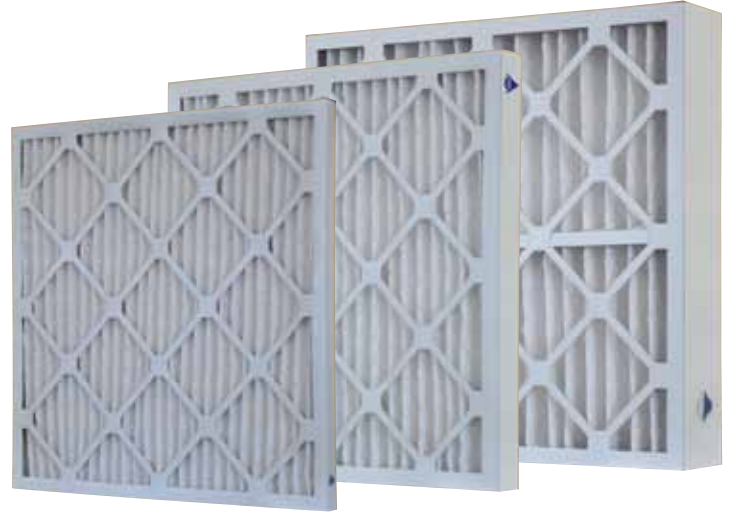




MAXI-PLEAT MERV 13

A BETTER APPROACH TO INDOOR AIR QUALITY

- Improves indoor air quality
- Extended filter life
- Good initial static pressure
- Economical pricing
- Can be used as a pre-filter or as a final filter
- Merv 13 performance as per Ashrae 52.2
- UL & CUL class 2



DESCRIPTION - CONSTRUCTION - SPECIFICATION

The **filtering media** is supported by an expanded metal grid, allowing for a 95% open filtering surface area. Precise pleating methods allow for an aerodynamic design. The filtering media is a hydrophobic, 100% synthetic material whose performance will not be adversely affected by humid conditions.

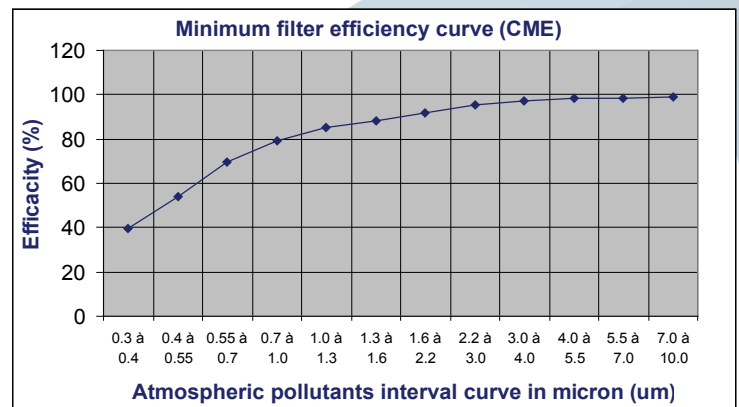
Rigorously controlled **pleat alignment** and spacing assures uniform air travel across the entire surface of the filter. The pleat configuration allows for good dust holding capacity. Larger dust particles tend to be captured in the top and bottom of the pleats where as smaller particles will be captured in the sides of the pleat surface.

The Maxi Pleat **Merv 13** filter is constructed from a rigid fire - retardant beverage board, to give it outstanding strength and resistance in tough operating conditions. The filtering media is glued to the frame sides thus eliminating any possibility of air by-passing the filter. Each pleat point is glued to the frame die cut so that the pleats will not deform over the entire life of the filter. The 4 inch deep pleats have additional cardboard fingers inserted and glued between each pleat for even greater strength

Maxi Pleat Merv 13 (1315) delivers a minimum performance of < 70% (0.3 – 1 um), > 90% (1-3 um) and > 90% (3-10 um). This gives the filter a Merv 13 rating as per ASHRAE 52.2-2007

The media square footage varies depending on the filter depth and will be manufactured with the following pleat count per linear foot.

Model	1"	2"	4"
MP 1315	16 pleat	19 pleat	11 pleat



Our maxi Pleat Merv 13 is LEED compliant meeting clause 1.4 which states that air filters uses for indoor air quality must meet a minimum of Merv 13.

PERFORMANCE - MODEL - 1315

Nominal size (H X L X P)	Real dim (H X L X P)	Capacity CFM		Initial res (W.G.)	
		@300	@500	@300	@500
10x20x1	9,5x19,5x0,75	420	690	0,43	N/A
12x20x1	11,5x19,5x0,75	510	845	0,43	N/A
12x24x1	11,375x23,375x0,75	600	1000	0,43	N/A
14x20x1	13,5x19,5x0,75	585	975	0,43	N/A
14x25x1	13,5x24,5x0,75	730	1215	0,43	N/A
15x20x1	14,5x19,5x0,75	625	1040	0,43	N/A
16x20x1	15,5x19,5x0,75	660	1100	0,43	N/A
16x24x1	15,375x23,375x0,75	800	1335	0,43	N/A
16x25x1	15,5x24,5x0,75	830	1389	0,43	N/A
18x20x1	17,5x19,5x0,75	750	1250	0,43	N/A
18x24x1	17,375x23,375x0,75	900	1500	0,43	N/A
18x25x1	17,5x24,5x0,75	938	1563	0,43	N/A
20x20x1	19,5x19,5x0,75	830	1390	0,43	N/A
20x24x1	19,375x23,375x0,75	1000	1665	0,43	N/A
20x25x1	19,5x24,5x0,75	1042	1735	0,43	N/A
20x30x1	19,5x29,5x0,75	1250	2080	0,43	N/A
24x24x1	23,375x23,375x0,75	1200	2000	0,43	N/A
24x30x1	23,375x29,5x0,75	1275	2125	0,43	N/A
25x25x1	24,5x24,5x0,75	1300	2170	0,43	N/A
10x20x2	9,5x19,5x1,75	420	690	0,24	0,41
12x20x2	11,5x19,5x1,75	510	845	0,24	0,41
12x24x2	11,375x23,375x1,75	600	1000	0,24	0,41
14x20x2	13,5x19,5x1,75	585	975	0,24	0,41
14x25x2	13,5x24,5x1,75	730	1215	0,24	0,41
15x20x2	14,5x19,5x1,75	625	1040	0,24	0,41
16x20x2	15,5x19,5x1,75	660	1100	0,24	0,41
16x24x2	15,375x23,375x1,75	800	1335	0,24	0,41
16x25x2	15,5x24,5x1,75	830	1389	0,24	0,41
18x20x2	17,5x19,5x1,75	750	1250	0,24	0,41
18x24x2	17,375x23,375x1,75	900	1500	0,24	0,41
18x25x2	17,5x24,5x1,75	938	1563	0,24	0,41
20x20x2	19,5x19,5x1,75	830	1390	0,24	0,41
20x24x2	19,375x23,375x1,75	1000	1665	0,24	0,41
20x25x2	19,5x24,5x1,75	1042	1735	0,24	0,41
20x30x2	19,5x29,5x1,75	1250	2080	0,24	0,41
24x24x2	23,375x23,375x1,75	1200	2000	0,24	0,41
24x30x2	23,375x29,5x1,75	1250	2085	0,24	0,41
25x25x2	24,5x24,5x1,75	1300	2170	0,24	0,41
12x24x4	11,375x23,375x3,75	600	1000	0,21	0,30
16x20x4	15,5x19,5x3,75	660	1100	0,21	0,30
16x24x4	15,375x23,375x3,75	800	1335	0,21	0,30
16x25x4	15,5x24,5x3,75	830	1390	0,21	0,30
18x24x4	17,5x23,5x3,75	900	1500	0,21	0,30
20x20x4	19,5x19,5x3,75	830	1390	0,21	0,30
20x24x4	19,375x23,375x3,75	1000	1665	0,21	0,30
20x25x4	19,5x24,5x3,75	1042	1735	0,21	0,30
24x24x4	23,375x23,375x3,75	1200	2000	0,21	0,30
25x29x4	24,5x28,5x3,75	1300	2170	0,21	0,30



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