BestAIR Pro™

What the Pros use

MERV 13

High Capacity
Commercial Grade Pleats

Benefits and Features

MERV 13 Rated Efficiency

PREMIUM Upgrade From Standard Pleats

Removes More Than 75% Of Particles From .3 to 1 Microns in Size!

FIRST Pleat media to be rated MERV 13

Low Initial Pressure Loss

Available In 1",2",4",5" and 6" Depths

Complies with Green Building Council LEED Credit requirements for MERV 13 filters!

Overview

BestAir PRO is proud to release our MERV 13 pleat. Using the FIRST media developed to achieve a MERV 13 rating in a compact disposable pleated filter! Combining MERV 13 into a disposable pleated filter brings many benefits.

EFFICIENCY

On the MERV rating scale, MERV 13 is the first rating to measure efficiency on particles from .3-1 microns. MERV 13 filters are required to achieve an efficiency on this particle size range of 75% or greater.

MERV 11 filters are often about 25% efficient in this same .3-1 micron MERV particle size range.

Now standard pleated filters can be relied upon to capture the most minute particles such as viruses, bacteria and tobacco smoke. Non-VOC filters rated less than MERV 13 have little effect on filtering these particles.

U.S. GREEN BUILDING COUNCIL LEED CREDITS

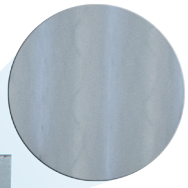
The U.S. Green Building Council, through its LEED certification program, requires a MERV 13 rated efficiency to be used in most of its credit programs. The BestAir PRO MERV 13 Pleat complies with all current specifications.

REPLACES OLDER 12 INCH FILTERS

The BestAir PRO MERV 13 Pleat can replace deep 12 inch MERV 13 high efficiency filters in many existing systems. This can significantly reduce the amount of filters in the waste stream and reduce changeout time when compared to transporting large bulky filters.

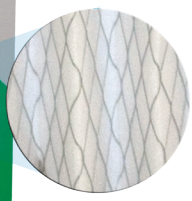
HIGH CAPACITY

With 16 Pleats per foot, the BestAir PRO MERV 13 pleat is unequalled in construction. More pleats increases the strength of the filter, reduces the pressure drop and increases the life of the filter.



MERV 13 Media (>75% .3-1 Microns)

The first media on the MERV scale to be rated on particles from .3-1 microns. The MERV 13 media is greater than 75% efficient on .3-1 particles!

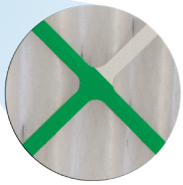


Rugged Metal Support

Downstream side is completely laminated with a heavy gauge galvanized metal support grid. This grid provides media integrity in high velocity applications and maintains a uniform pleat.

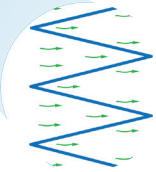
Heavy Duty Moisture Resistant Frame

The frames are constructed using a heavy duty die-cut frame. The outer surface contains a moisture resistant coating. Side walls have two layers of support and reinforced corners for added rigidity.



Diagonal Supports

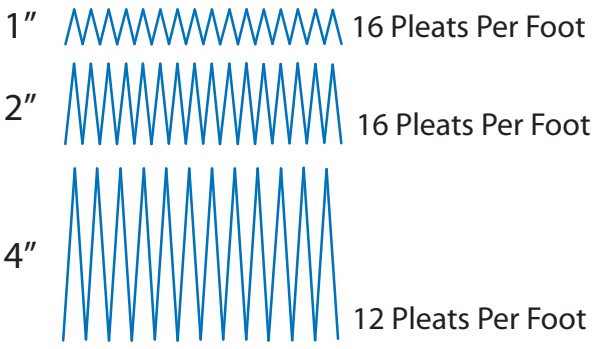
Pleats on the upstream and downstream side are reinforced with support grids for added pleat pack integrity. All support grids are firmly adhered to each pleat during the manufacturing process.



Radial Wedge Pleat

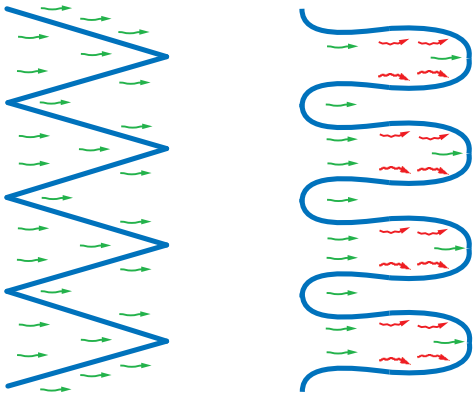
Pleats are uniformly pleated into a radial wedge configuration for superior aiflow performance and dust loading. The radial wedge pleat also increases the filters ability to withstand higher air velocities.

HIGH CAPACITY

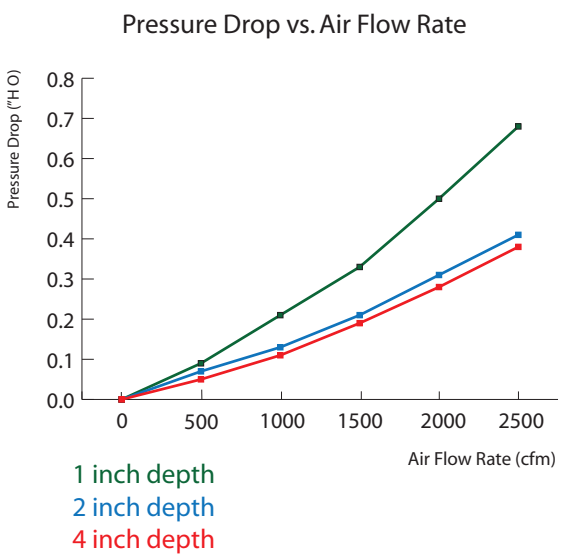


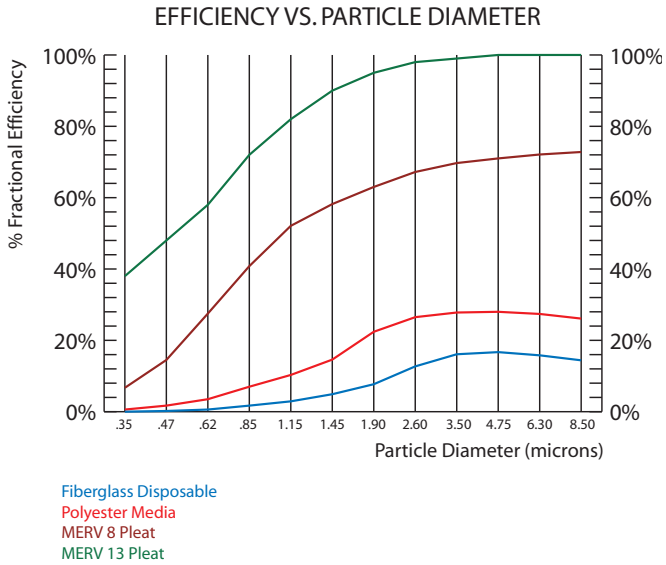
RADIAL WEDGE VS. RADIAL PLEATS

Radial pleats produce turbulant airflow and uneven air distribution. Radial Wedge pleats optimize airflow reducing restriction.



Part Number	Nominal Size	Exact Size	Media Sq. Ft.	Units Per Carton	Airflow Capacity (CFM)		
					300 FPM	500 FPM	625 FPM
1-1010-13	10x10x1	9 1/2x9 1/2x3/4	1.63	12	209	348	NR
1-1020-13	10x20x1	9 1/2x19 1/2x3/4	3.25	12	417	695	NR
1-1220-13	12x20x1	11 1/2x19 1/2x3/4	3.89	12	500	834	NR
1-1224-13	12x24x1	11 3/8x23 3/8x3/4	4.67	12	600	1000	NR
1-1420-13	14x20x1	13 1/2x19 1/2x3/4	4.54	12	584	973	NR
1-1425-13	14x25x1	13 1/2x24 1/2x3/4	5.68	12	730	1216	NR
1-1520-13	15x20x1	14 1/2x19 1/2x3/4	4.87	12	625	1042	NR
1-1620-13	16x20x1	15 1/2x19 1/2x3/4	5.19	12	667	1112	NR
1-1625-13	16x25x1	15 1/2x24 1/2x3/4	6.49	12	834	1389	NR
1-1818-13	18x18x1	17 1/2x17 1/2x3/4	5.25	12	675	1125	NR
1-1824-13	18x24x1	17 3/8x23 3/8x3/4	7	12	900	1500	NR
1-2020-13	20x20x1	19 1/2x19 1/2x3/4	6.49	12	834	1389	NR
1-2024-13	20x24x1	19 3/8x23 3/8x3/4	7.78	12	1000	1667	NR
1-2025-13	20x25x1	19 1/2x24 1/2x3/4	8.11	12	1042	1737	NR
1-2030-13	20x30x1	19 1/2x29 1/2x3/4	9.73	12	1250	2084	NR
1-2424-13	24x24x1	23 3/8x23 3/8x3/4	9.34	12	1200	2000	NR
1-2525-13	25x25x1	24 1/2x24 1/2x3/4	10.13	12	1303	2171	NR
2-1020-13	10x20x2	9 1/2x19 1/2x1 3/4	6.95	12	417	695	869
2-1220-13	12x20x2	11 1/2x19 1/2x1 3/4	8.34	12	500	834	1042
2-1224-13	12x24x2	11 3/8x23 3/8x1 3/4	10	12	600	1000	1250
2-1420-13	14x20x2	13 1/2x19 1/2x1 3/4	9.73	12	584	973	1216
2-1425-13	14x25x2	13 1/2x24 1/2x1 3/4	12.16	12	730	1216	1520
2-1520-13	15x20x2	14 1/2x19 1/2x1 3/4	10.42	12	625	1042	1303
2-1620-13	16x20x2	15 1/2x19 1/2x1 3/4	11.12	12	667	1112	1389
2-1624-13	16x24x2	15 3/8x23 3/8x1 3/4	13.34	12	800	1334	1667
2-1625-13	16x25x2	15 1/2x24 1/2x1 3/4	13.89	12	834	1389	1737
2-1824-13	18x24x2	17 3/8x23 3/8x1 3/4	15	12	900	1500	1875
2-1825-13	18x25x2	17 1/2x24 1/2x1 3/4	15.63	12	938	1563	1954
2-2020-13	20x20x2	19 1/2x19 1/2x1 3/4	13.89	12	834	1389	1737
2-2024-13	20x24x2	19 3/8x23 3/8x1 3/4	16.67	12	1000	1667	2084
2-2025-13	20x25x2	19 1/2x24 1/2x1 3/4	17.37	12	1042	1737	2171
2-2030-13	20x30x2	19 1/2x29 1/2x1 3/4	20.84	12	1250	2084	2605
2-2424-13	24x24x2	23 3/8x23 3/8x1 3/4	20	12	1200	2000	2500
2-2525-13	25x25x2	24 1/2x24 1/2x1 3/4	21.71	12	1303	2171	2713
4-1224-13	12x24x4	11 3/8x23 3/8x3 3/4	15.5	6	600	1000	1250
4-1620-13	16x20x4	15 1/2x19 1/2x3 3/4	17.23	6	667	1112	1389
4-1625-13	16x25x4	15 1/2x24 1/2x3 3/4	21.53	6	834	1389	1737
4-1824-13	18x24x4	17 3/8x23 3/8x3 3/4	23.25	6	900	1500	1875
4-2020-13	20x20x4	19 1/2x19 1/2x3 3/4	21.53	6	834	1389	1737
4-2024-13	20x24x4	19 3/8x23 3/8x3 3/4	25.84	6	1000	1667	2084
4-2025-13	20x25x4	19 1/2x24 1/2x3 3/4	26.91	6	1042	1737	2171
4-2424-13	24x24x4	23 3/8x23 3/8x3 3/4	31	6	1200	2000	2500





All performance data listed was performed by an independent laboratory in accordance with ASHRAE test standard 52.2-2007 and 52.2-2007 Appendix J

Publication: SB-M13

Corporate Offices

281 Keyes Avenue
Hampshire, IL 60140
847.683.7990 phone
847.683.7301 fax
info@bestairpro.com
www.bestairpro.com

Distributed By: