

PAT 13 Series MERV 13

The MERV 13 rated filter is effective at capturing some virus sized particles. It captures particulate matter as small as 1 micron at >80% efficiency. Due to its design, it is able to reach a MERV 13 rating while maintaining a low pressure drop over the life of the filter.

Features

Pure Air Technologies MERV 13 filter combines high efficiency air filtration with a low level of airflow restriction. This allows it to be used in most applications without the fear of damaging the HVAC system while providing hospital grade air filtration.

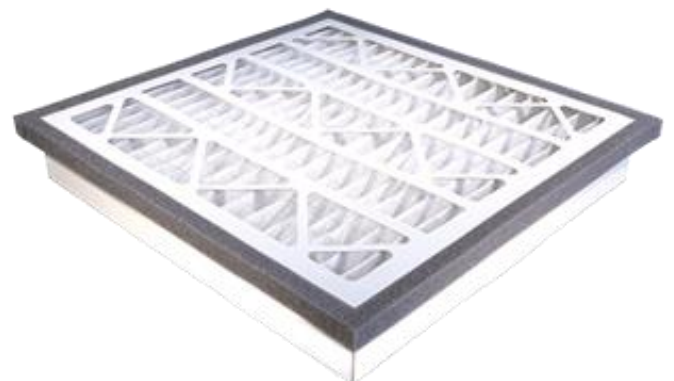
Pure Air Technologies MERV 13 media creates low pressure drops of 0.21 inches of water column at 1200 CFM (4" depth). The low-pressure drop does not inhibit the HVAC's airflow and allows the filter to last up to 6 months (3" and 4" depths).

Available Sizes

2" High-Capacity Sizes	
12x24x2	PAT1312242
14x20x2	PAT1314202
14x25x2	PAT1314252
15x20x2	PAT1315202
16x16x2	PAT1316162
16x20x2	PAT1316202
16x25x2	PAT1316252
16x30x2	PAT1316302
18X24X2	PAT1318242
20x20x2	PAT1320202
20x24x2	PAT1320242
20x25x2	PAT1320252
20x30x2	PAT1320302
24x24x2	PAT1324242
24x30x2	PAT1324302
25x25x2	PAT1325252
25x32x2	PAT1325322

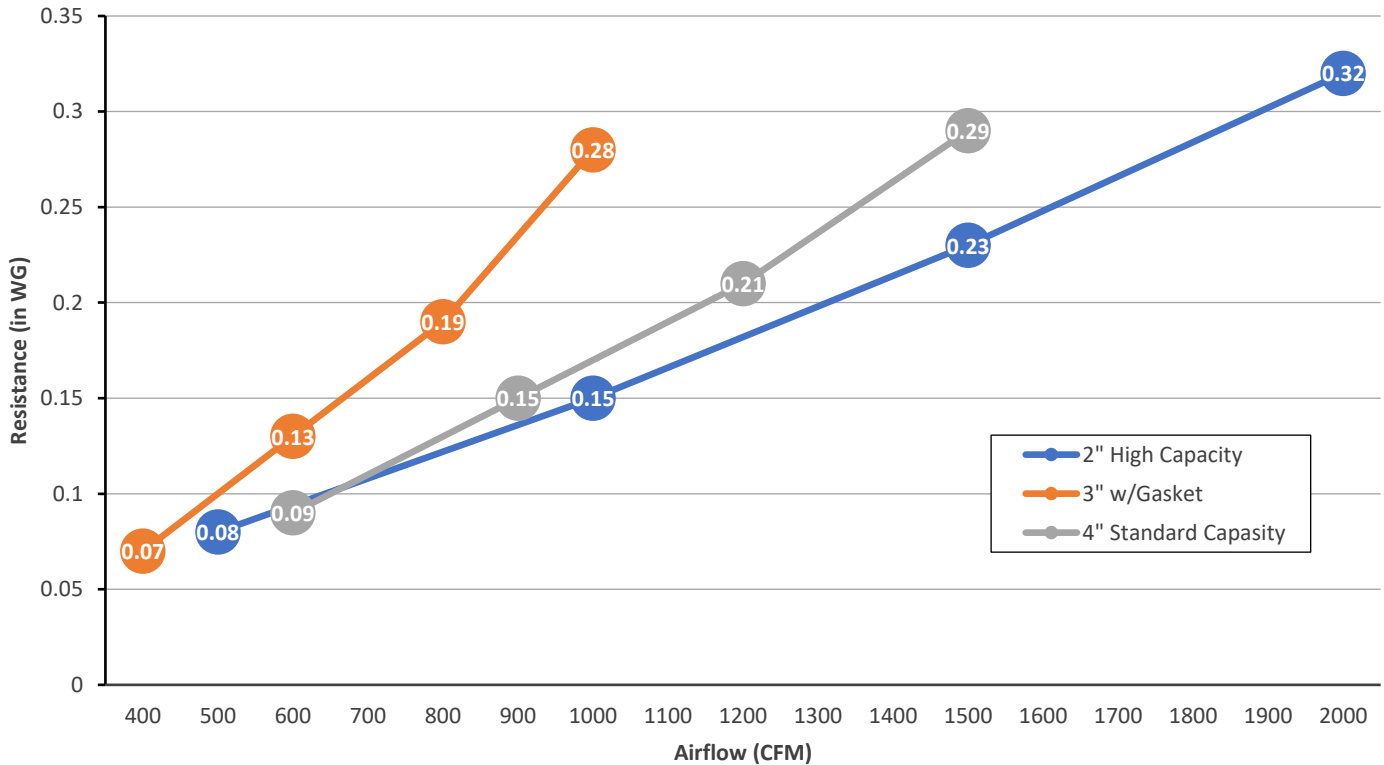
3" w/Gasket Sizes	
10x10x3	PAT1310103G
10X20X3	PAT1310203G
10X24X3	PAT1310243G
12x12x3	PAT1312123G
12x24x3	PAT1312243G
12X30X3	PAT1312303G
14x14x3	PAT1314143G
14X24X3	PAT1314243G
14x20x3	PAT1314203G
14x25x3	PAT1314253G
14X30X3	PAT1314303G
16x20x3	PAT1316203G
16x25x3	PAT1316253G
16x30x3	PAT1316303G
18x24x3	PAT1318243G
20x20x3	PAT1320203G
20x24x3	PAT1320243G
20x25x3	PAT1320253G
20x30x3	PAT1320303G
20x36x3	PAT1320363G
24x24x3	PAT1324243G

4" Standard Capacity Sizes	
12x24x4	PAT1312244
16x20x4	PAT1316204
16x24x4	PAT1316244
16x25x4	PAT1316254





Airflow and Resistance Data



Particle Removal Efficiency %

Particle Size Range	2" High-Capacity Filter Depth	3" w/ Gasket Filter Depth	4" Standard Capacity Filter Depth
0.30-0.40	36.5	45.9	48.7
0.40-0.55	49.0	58.7	61.7
0.55-0.70	61.9	67.5	70.1
0.70-1.00	71.8	76.4	78.2
1.00-1.30	79.8	81.5	84.9
1.30-1.60	84.2	84.5	87.8
1.60-2.20	88.3	88.4	90.8
2.20-3.00	90.4	91.9	94.0
3.00-4.00	92.5	93.6	95.7
4.00-5.50	94.1	94.5	96.2
5.50-7.00	95.9	95.0	96.4
7.00-10.00	97.0	95.1	96.5