

Standard Series MERV 8 Pleat

The Standard MERV 8 Series is our most commonly used filter. It's durable, affordable, and designed for applications requiring higher levels of air filtration for HVAC systems. The filter is made out of a .24 recyclable and moisture-resistant beverage board and has a metal wireframe on the exit side to ensure the integrity of the filter from installation to removal. The synthetic media is designed to allow for increased airflow for a lower pressure drop during the life of the filter.

Features

- Available in 1", 2", and 4" deep configurations
- Low average resistance to airflow to reduce energy costs
- MERV 8 rating
- .24 beverage board

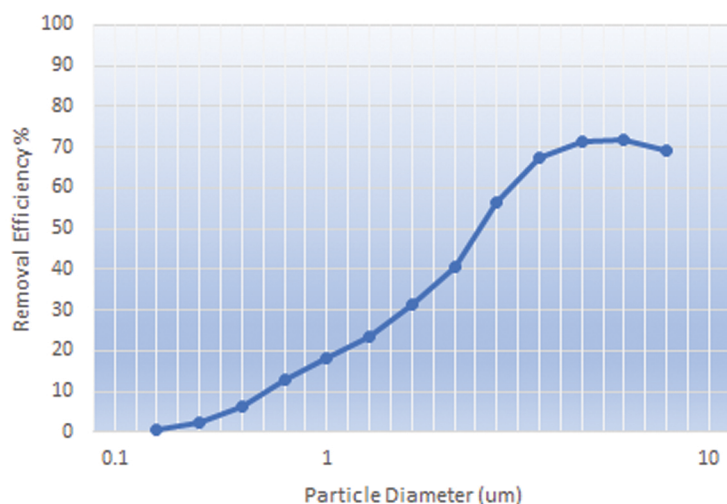
Applications

Constructed for use in commercial buildings, universities, K-12 schools, hotels, industrial filtration, and residential.

Specifications

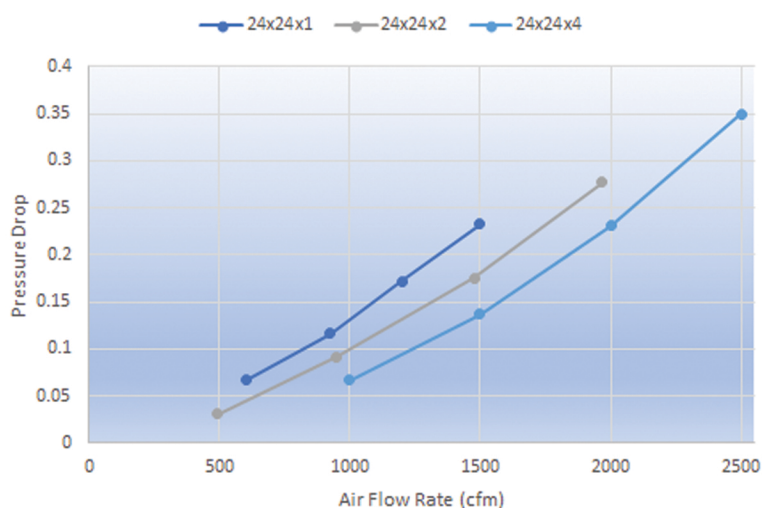
- MERV Rating - 8
- Particle Size Efficiency - 70% \leq 3.0 - 10.0 μ m, 20% \leq 1.0 - 3.0 μ m
- Media type - Synthetic
- Final pressure drop - 1.0" w.g.

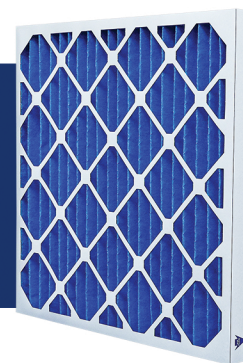
Initial Particle Removal Efficiency



Per ASHRAE 52.2 Test Method

Initial Pressure Drop Vs. Air Flow Rate





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Part Number	Nominal Size (Inches)	Actual Size (Inches)			Initial Resistance (Inches w.g.)	Airflow Capacity
		Depth	Height	Width		
1"						
80812201	12 X 20 X 1	.75"	11 3/8	19 1/2	0.19	833
80812241	12 X 24 X 1		11 3/8	23 3/8		1000
80814201	14 X 20 X 1		13 1/2	19 1/2		972
80814241	14 X 24 X 1		13 1/2	23 3/8		1166
80814251	14 X 25 X 1		13 1/2	24 1/2		1215
80815201	15 X 20 X 1		14 3/4	19 1/2		1041
80816201	16 X 20 X 1		15 3/4	19 1/2		1111
80816251	16 X 25 X 1		15 3/4	24 1/2		1388
80818241	18 X 24 X 1		17 3/8	23 3/8		1500
80818251	18 X 25 X 1		17 3/8	24 1/2		1562
80820201	20 X 20 X 1		19 3/8	19 1/2		1388
80820251	20 X 25 X 1		19 3/8	24 1/2		1736
80820301	20 X 30 X 1		19 3/8	29 1/2		2803
80824241	24 X 24 X 1		23 3/8	23 3/8		2000
80825251	25 X 25 X 1		24 1/2	24 1/2		2170
2"						
80812202	12 X 20 X 2	1.75"	11 3/8	19 1/2	0.26	833
80812242	12 X 24 X 2		11 3/8	23 3/8		1000
80814202	14 X 20 X 2		13 1/2	19 1/2		972
80814242	14 X 24 X 2		13 1/2	23 3/8		1166
80814252	14 X 25 X 2		13 1/2	24 1/2		1215
80815202	15 X 20 X 2		14 3/4	19 1/2		1041
80816202	16 X 20 X 2		15 3/4	19 1/2		1111
80816252	16 X 25 X 2		15 3/4	24 1/2		1388
80818242	18 X 24 X 2		17 3/8	23 3/8		1500
80818252	18 X 25 X 2		17 3/8	24 1/2		1562
80820202	20 X 20 X 2		19 3/8	19 1/2		1388
80820252	20 X 25 X 2		19 3/8	24 1/2		1736
80820302	20 X 30 X 2		19 3/8	29 1/2		2803
80824242	24 X 24 X 2		23 3/8	23 3/8		2000
80825252	25 X 25 X 2		24 1/2	24 1/2		2170
4"						
80812244	12 X 24 X 4	3.75"	11 3/8	23 3/8	0.16	1000
80816204	16 X 20 X 4		15 3/4	19 1/2		1111
80816254	16 X 25 X 4		15 3/4	24 1/2		1388
80818244	18 X 24 X 4		17 3/8	23 3/8		1500
80820204	20 X 20 X 4		19 3/8	19 1/2		1388
80820254	20 X 25 X 4		19 3/8	24 1/2		1736
80824244	24 X 24 X 4		23 3/8	23 3/8		2000

Data Notes:

Sizes above reflect our most commonly used sizes. 1" filters rated at 500 fpm. 2" and 4" filters rated at 500 fpm.
If there is a size you're interested in please visit www.fcfilters.com/contact or call us at 800-687-5996