PANEL FILTER SERIES

PURITY FILTRATION INC

SEALGUARD

MINIPLEAT MATERIAL AND FEATURES

Efficiency 65% , 85%, 95% | MERV 11, 13, 15
Filter media manufactured in Germany
Excellent sealing, Polyurethane Frame
Low pressure drop
Humidity resistant construction
High dust retention capacity - Long service life
No microbial grow (without any additives)
Low air passage resistance
Excellent stability, prevents ByPass

PRODUCT FEATURES

Designed with 100% synthetic material from Germany, this air filter ensures optimal performance with a low pressure drop facilitated by laminar airflow. Its three-layer filter media design provides exceptional dust holding capacity, making it ideal for environments requiring efficient particle capture. The filter's lightweight construction enhances handling ease, complemented by a polyurethane frame that ensures excellent sealing. Built to resist humidity, the filter exhibits outstanding stability and strength, promoting longevity and reliable operation. It also prevents microbial growth naturally, without the need for additives. Suitable for various HVAC applications, this air filter delivers high-performance filtration, maintaining clean air in residential, commercial, and industrial settings.

¿WHAT IS NEW IN THIS FILTERS?

Our Sealguard minipleat filters offer our users the best performance in operation, resistance, safety, durability, and particle retention effectiveness. In addition to this, there are two unique features that set them apart from other filters on the market. The first is the amount of filter media; our filters are constructed with more media, resulting in greater particle retention capacity and extended lifespan, translating to lower filter replacement costs. The second feature is the polyurethane frame of our filters, ensuring a perfect seal without the need for additional gaskets and completely preventing bypass.

Excellent filtration with Purity panelfilter with an unique 3-layer desing of the filter media

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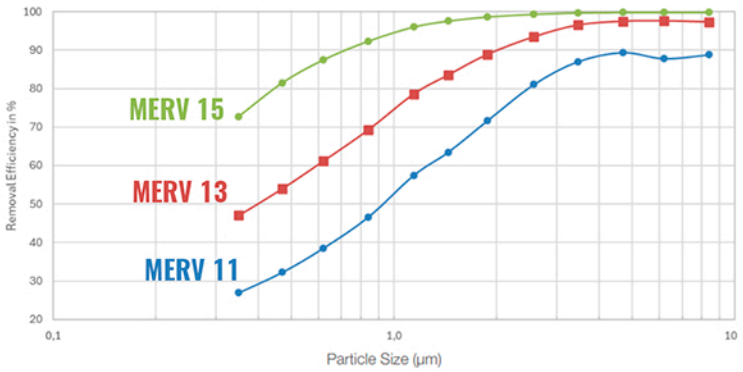
TECHNICAL INFORMATION

PURITY FILTRATION INC

PERFORMANCE DATA

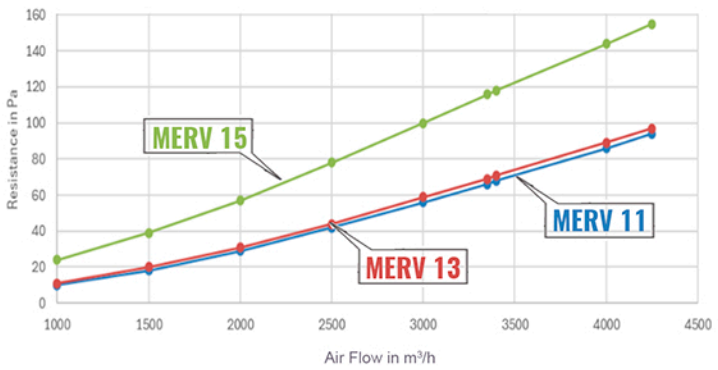
COMPOSITE MINIMUN EFFICIENCY CURVE

Efficiency vs. Particle Size



INITIAL RESISTANCE VS. FILTER FACE VELOCITY

Pressure drop curve



NOMINAL SIZE INCHES (W x H x D)	ACTUAL SIZE INCHES (W x H x D)	RATED AIRFLOW CAPACITY (CFM)	RATED INITIAL RESISTANCE (in. w.g)	RECOMENDED FINAL RESISTANCE (in. w.g)
MERV 11				
24 x 24 x 4	23⅜ x 23⅜ x ¾	2000	.28	1.5
24 x 20 x 4	23⅜ x 19⅜ x ¾	1650	.28	1.5
20 x 20 x 4	19⅜ x 19⅜ x ¾	1400	.28	1.5
24 x 12 x 4	23⅜ x 11⅜ x ¾	1000	.28	1.5
12 x 12 x 4	11⅜ x 11⅜ x ¾	500	.28	1.5
25 x 16 x 4	24⅜ x 15⅜ x ¾	1400	.28	1.5
20 x 16 x 4	19⅜ x 15⅜ x ¾	1100	.28	1.5
MERV 13				
24 x 24 x 4	23⅜ x 23⅜ x ¾	2000	.50	1.5
24 x 20 x 4	23⅜ x 19⅜ x ¾	1650	.50	1.5
20 x 20 x 4	23⅜ x 11⅜ x ¾	1400	.50	1.5
24 x 12 x 4	23⅜ x 11⅜ x ¾	1000	.50	1.5
12 x 12 x 4	11⅜ x 11⅜ x ¾	500	.50	1.5
25 x 16 x 4	24⅜ x 15⅜ x ¾	1400	.50	1.5
20 x 16 x 4	19⅜ x 15⅜ x ¾	1100	.50	1.5
MERV 15				
24 x 24 x 4	23⅜ x 23⅜ x ¾	2000	.58	1.5
24 x 20 x 4	23⅜ x 19⅜ x ¾	1650	.58	1.5
20 x 20 x 4	23⅜ x 11⅜ x ¾	1400	.58	1.5
24 x 12 x 4	23⅜ x 11⅜ x ¾	1000	.58	1.5
12 x 12 x 4	11⅜ x 11⅜ x ¾	500	.58	1.5
25 x 16 x 4	24⅜ x 15⅜ x ¾	1400	.58	1.5
20 x 16 x 4	19⅜ x 15⅜ x ¾	1100	.58	1.5

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