

## Product Highlights

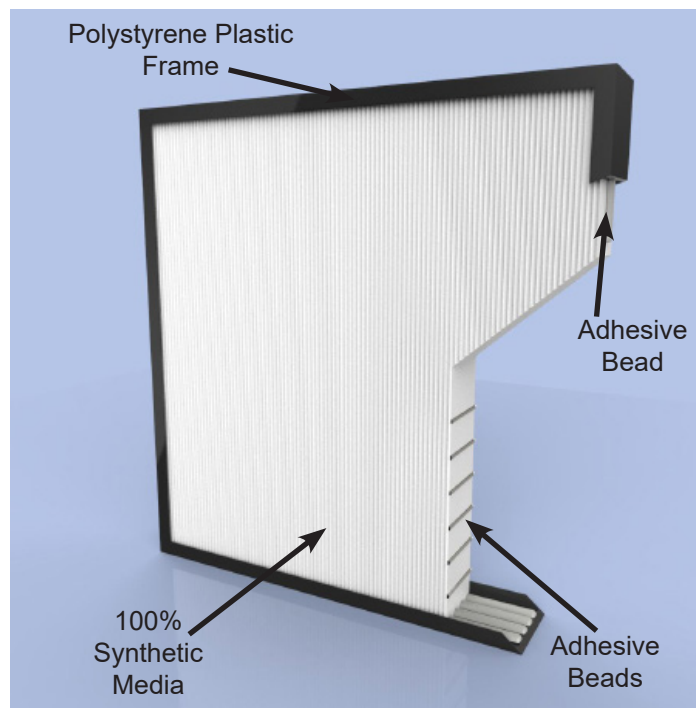
- 100% Synthetic Media
- Compact Design for Maximum Air Flow
- Lightweight High-Impact Polystyrene Plastic Frame Construction
- Box and Header Style Frames
- MERV 11, 13 and 15
- Media Will Not Support Microbial Growth

## Features

The Glasfloss Puracell II P-S & PH-S 4" Plastic Frame Synthetic Mini-Pleat Series filters are designed for use in applications where a high degree of efficiency is required in a 4" deep filter. The Puracell II P-S & PH-S Synthetic Series combines state-of-the-art mini-pleat construction techniques with superior reliability to offer maximum value for commercial and industrial applications. Additionally, the Puracell II S P-S & PH-S Series offers unique advantages over the traditional 12" rigid box filter including lower freight costs, reduced storage area requirements and less impact on landfills. The Glasfloss Puracell II P-S & PH-S filters come in a variety of standard sizes and performances.

## Specifications

The Glasfloss Puracell II P-S & PH-S synthetic filter is a mini-pleat cartridge encapsulated with a high impact polystyrene plastic frame. An optional gasket can be applied to the filter frame. The Puracell II P-S & PH-S pack is a pleated 100% synthetic fiber media. The pleats are separated and supported by a uniform glue bead that produces a low initial pressure drop while maximizing the filtration area. The media pack is resistant to moisture and does not support the growth of bacteria and mold. The media pack is thoroughly sealed to the inside of the plastic frame to prevent air bypass. The filter shall be rated to withstand temperatures up to 180 degrees Fahrenheit. The recommended final resistance for Puracell II P-S & PH-S synthetic filters is 1.5" w.g.



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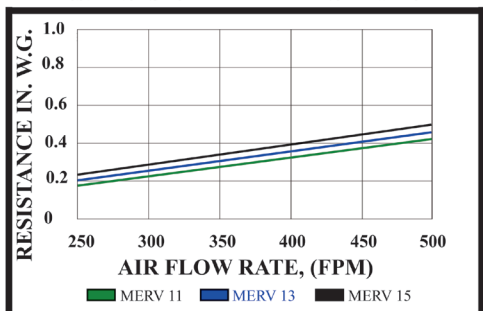
## PURACELL® II P-S & PH-S SERIES

BASE MODEL NUMBER	SIZE W x H x D NOMINAL	SIZE W x H x D EXACT	RATED VELOCITY FPM	INITIAL RESIST. IN. W.G.		FINAL RESIST. IN W.G.	MEDIA SQUARE FOOT		SIZE W x H x D NOMINAL MM			
				P-S	PH-S		P-S	PH-S				
<b>MERV 15</b>												
242449	24 x 24 x 4	23-3/8" x 23-3/8" x 3-3/4"	500	0.46	0.54	1.50	75.56	64.05	610 x 610 x 102			
252049	25 x 20 x 4	24-3/8" x 19-3/8" x 3-3/4"	500	0.46	0.54	1.50	65.17	54.51	635 x 508 x 102			
202449	20 x 24 x 4	19-3/8" x 23-3/8" x 3-3/4"	500	0.46	0.54	1.50	62.97	52.41	508 x 610 x 102			
202049	20 x 20 x 4	19-3/8" x 19-3/8" x 3-3/4"	500	0.46	0.54	1.50	52.14	42.66	508 x 508 x 102			
182449	18 x 24 x 4	17-3/8" x 23-3/8" x 3-3/4"	500	0.46	0.54	1.50	55.62	46.58	457 x 610 x 102			
251649	25 x 16 x 4	24-3/8" x 15-3/8" x 3-3/4"	500	0.46	0.54	1.50	51.63	42.05	635 x 406 x 102			
162049	16 x 20 x 4	15-3/8" x 19-3/8" x 3-3/4"	500	0.46	0.54	1.50	41.30	32.91	406 x 508 x 102			
122449	12 x 24 x 4	11-3/8" x 23-3/8" x 3-3/4"	500	0.46	0.54	1.50	36.73	28.14	305 x 610 x 102			
251849	25 x 18 x 4	24-3/8" x 17-3/8" x 3-3/4"	500	0.46	0.54	1.50	54.47	45.03	635 x 457 x 102			
182049	18 x 20 x 4	17-3/8" x 19-3/8" x 3-3/4"	500	0.46	0.54	1.50	43.58	35.24	457 x 508 x 102			
181849	18 x 18 x 4	17-3/8" x 17-3/8" x 3-3/4"	500	0.46	0.54	1.50	38.49	31.33	457 x 457 x 102			
162449	16 x 24 x 4	15-3/8" x 23-3/8" x 3-3/4"	500	0.46	0.54	1.50	46.23	37.51	406 x 610 x 102			
161649	16 x 16 x 4	15-3/8" x 15-3/8" x 3-3/4"	500	0.46	0.54	1.50	30.18	23.30	406 x 406 x 102			
122049	12 x 20 x 4	11-3/8" x 19-3/8" x 3-3/4"	500	0.46	0.54	1.50	28.42	21.60	305 x 508 x 102			
121649	12 x 16 x 4	11-3/8" x 15-3/8" x 3-3/4"	500	0.46	0.54	1.50	22.26	16.40	305 x 406 x 102			
121249	12 x 12 x 4	11-3/8" x 11-3/8" x 3-3/4"	500	0.46	0.54	1.50	16.58	11.60	305 x 305 x 102			
<b>MERV 13 / MERV 11</b>												
BASE MODEL NUMBER	SIZE W x H x D NOMINAL	SIZE W x H x D EXACT	RATED VELOCITY FPM	INITIAL RESIST. IN. W.G.				FINAL RESIST. IN W.G.	MEDIA SQUARE FOOT		SIZE W x H x D NOMINAL MM	
				P-S		PH-S			P-S	PH-S		
				MERV 13	MERV 11	MERV 13	MERV 11					
MERV 13	MERV 11											
242442	242441	24 x 24 x 4	23-3/8" x 23-3/8" x 3-3/4"	500	0.44	0.42	0.52	0.50	1.50	75.56	64.05	610 x 610 x 102
252042	252041	25 x 20 x 4	24-3/8" x 19-3/8" x 3-3/4"	500	0.44	0.42	0.52	0.50	1.50	65.17	54.51	635 x 508 x 102
202442	202441	20 x 24 x 4	19-3/8" x 23-3/8" x 3-3/4"	500	0.44	0.42	0.52	0.50	1.50	62.97	52.41	508 x 610 x 102
202042	202041	20 x 20 x 4	19-3/8" x 19-3/8" x 3-3/4"	500	0.44	0.42	0.52	0.50	1.50	52.14	42.66	508 x 508 x 102
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121242	121241	12 x 12 x 4	11-3/8" x 11-3/8" x 3-3/4"	500	0.44	0.42	0.52	0.50	1.50	16.58	11.60	305 x 305 x 102

Tolerances shall be +/- 1/16" for width and height. Performance values based on ASHRAE and in-house testing methods.

### STANDARD PRESSURE DROP

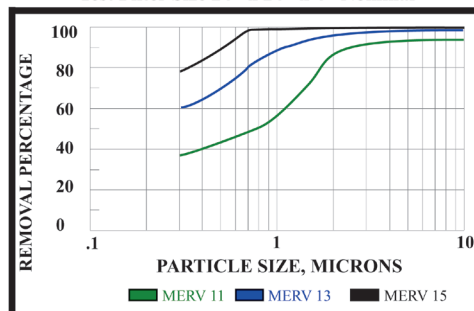
Test Filter Size 24" x 24" x 4" Nominal Box



Distributed by:

### MINIMUM PARTICLE SIZE EFFICIENCY

Test Filter Size 24" x 24" x 4" Nominal



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Glasfloss has a policy of uninterrupted research, development and product improvement and reserves the right to change design and specifications without notice.

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