

[PURACELL II P & PH] Mini-Pleat Series

- Compact Design for Maximum Air Flow
- Lightweight High-Impact Polystyrene Plastic Frame Construction
- Box and Header Style Frames
- MERV 11, 13, 14 and 15
- Media Will Not Support Microbial Growth

FEATURES



The Glasfloss Puracell II P & PH 4" Plastic Frame Mini-Pleat Series is designed for use in applications where a high degree of efficiency is required in a 4" deep filter. The Puracell II P & PH 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 P & PH 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 & PH comes in a variety of standard sizes and efficiencies.

The Glasfloss Puracell II P & PH 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 & PH pack is pleated, wetlaid micro 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 & PH filters is 1.5" w.g.

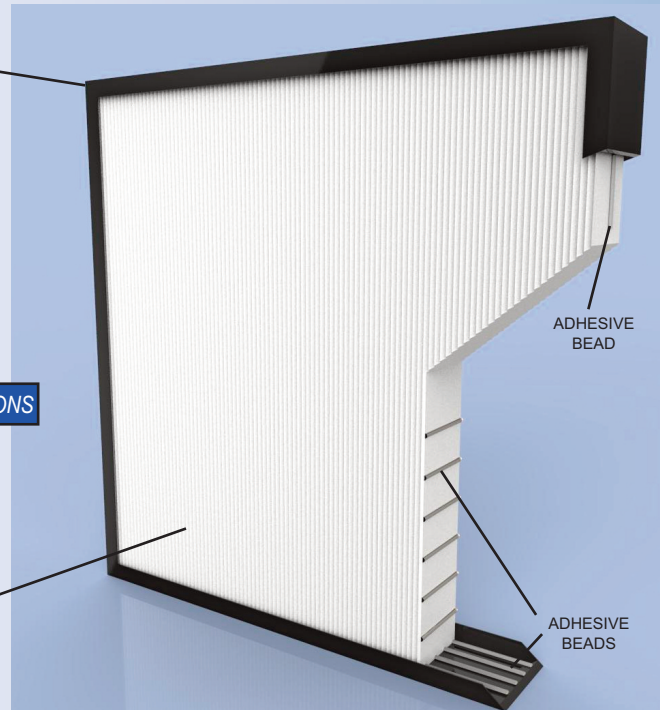
POLYSTYRENE
PLASTIC FRAME

SPECIFICATIONS

MICRO FIBER
MEDIA

ADHESIVE
BEAD

ADHESIVE
BEADS



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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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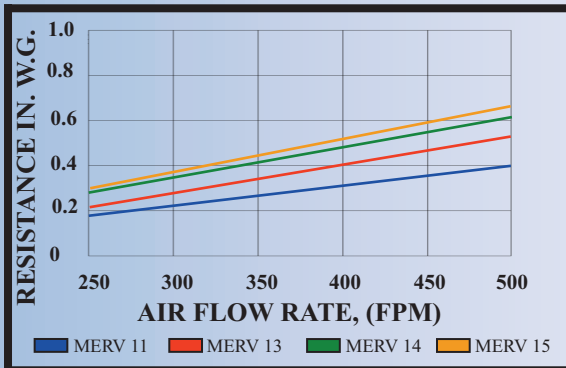
PURACELL II P & PH SERIES

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 FEET		SIZE W x H x D NOMINAL MM
				P	PH		P	PH	
MERV 15									
242449	24 x 24 x 4	23-3/8" x 23-3/8" x 3-3/4"	500	.66	.77	1.50	122.96	102.12	610 x 610 x 102
202549	20 x 25 x 4	19-3/8" x 24-3/8" x 3-3/4"	500	.66	.77	1.50	105.37	86.00	508 x 635 x 102
202449	20 x 24 x 4	19-3/8" x 23-3/8" x 3-3/4"	500	.66	.77	1.50	101.05	82.14	508 x 610 x 102
202049	20 x 20 x 4	19-3/8" x 19-3/8" x 3-3/4"	500	.66	.77	1.50	83.76	66.73	508 x 508 x 102
182449	18 x 24 x 4	17-3/8" x 23-3/8" x 3-3/4"	500	.66	.77	1.50	91.31	68.38	457 x 610 x 102
162549	16 x 25 x 4	15-3/8" x 24-3/8" x 3-3/4"	500	.66	.77	1.50	83.79	61.82	406 x 635 x 102
162049	16 x 20 x 4	15-3/8" x 19-3/8" x 3-3/4"	500	.66	.77	1.50	66.60	47.97	406 x 508 x 102
122449	12 x 24 x 4	11-3/8" x 23-3/8" x 3-3/4"	500	.66	.77	1.50	59.65	44.40	305 x 610 x 102
MERV 14									
242443	24 x 24 x 4	23-3/8" x 23-3/8" x 3-3/4"	500	.61	.72	1.50	122.96	102.12	610 x 610 x 102
202543	20 x 25 x 4	19-3/8" x 24-3/8" x 3-3/4"	500	.61	.72	1.50	105.37	86.00	508 x 635 x 102
202443	20 x 24 x 4	19-3/8" x 23-3/8" x 3-3/4"	500	.61	.72	1.50	101.05	82.14	508 x 610 x 102
202043	20 x 20 x 4	19-3/8" x 19-3/8" x 3-3/4"	500	.61	.72	1.50	83.76	66.73	508 x 508 x 102
182443	18 x 24 x 4	17-3/8" x 23-3/8" x 3-3/4"	500	.61	.72	1.50	91.31	68.38	457 x 610 x 102
162543	16 x 25 x 4	15-3/8" x 24-3/8" x 3-3/4"	500	.61	.72	1.50	83.79	61.82	406 x 635 x 102
162043	16 x 20 x 4	15-3/8" x 19-3/8" x 3-3/4"	500	.61	.72	1.50	66.60	47.97	406 x 508 x 102
122443	12 x 24 x 4	11-3/8" x 23-3/8" x 3-3/4"	500	.61	.72	1.50	59.65	44.40	305 x 610 x 102
MERV 13									
242442	24 x 24 x 4	23-3/8" x 23-3/8" x 3-3/4"	500	.53	.64	1.50	118.09	97.68	610 x 610 x 102
202542	20 x 25 x 4	19-3/8" x 24-3/8" x 3-3/4"	500	.53	.64	1.50	101.56	83.67	508 x 635 x 102
202442	20 x 24 x 4	19-3/8" x 23-3/8" x 3-3/4"	500	.53	.64	1.50	97.40	79.92	508 x 610 x 102
202042	20 x 20 x 4	19-3/8" x 19-3/8" x 3-3/4"	500	.53	.64	1.50	80.73	64.92	508 x 508 x 102
182442	18 x 24 x 4	17-3/8" x 23-3/8" x 3-3/4"	500	.53	.64	1.50	87.66	66.31	457 x 610 x 102
162542	16 x 25 x 4	15-3/8" x 24-3/8" x 3-3/4"	500	.53	.64	1.50	81.25	59.65	406 x 635 x 102
162042	16 x 20 x 4	15-3/8" x 19-3/8" x 3-3/4"	500	.53	.64	1.50	64.58	46.29	406 x 508 x 102
122442	12 x 24 x 4	11-3/8" x 23-3/8" x 3-3/4"	500	.53	.64	1.50	57.22	43.29	305 x 610 x 102
MERV 11									
242441	24 x 24 x 4	23-3/8" x 23-3/8" x 3-3/4"	500	.40	.52	1.50	118.09	97.68	610 x 610 x 102
202541	20 x 25 x 4	19-3/8" x 24-3/8" x 3-3/4"	500	.40	.52	1.50	101.56	83.67	508 x 635 x 102
202441	20 x 24 x 4	19-3/8" x 23-3/8" x 3-3/4"	500	.40	.52	1.50	97.40	79.92	508 x 610 x 102
202041	20 x 20 x 4	19-3/8" x 19-3/8" x 3-3/4"	500	.40	.52	1.50	80.73	64.92	508 x 508 x 102
182441	18 x 24 x 4	17-3/8" x 23-3/8" x 3-3/4"	500	.40	.52	1.50	87.66	66.31	457 x 610 x 102
162541	16 x 25 x 4	15-3/8" x 24-3/8" x 3-3/4"	500	.40	.52	1.50	81.25	59.65	406 x 635 x 102
162041	16 x 20 x 4	15-3/8" x 19-3/8" x 3-3/4"	500	.40	.52	1.50	64.58	46.29	406 x 508 x 102
122441	12 x 24 x 4	11-3/8" x 23-3/8" x 3-3/4"	500	.40	.52	1.50	57.22	43.29	305 x 610 x 102

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

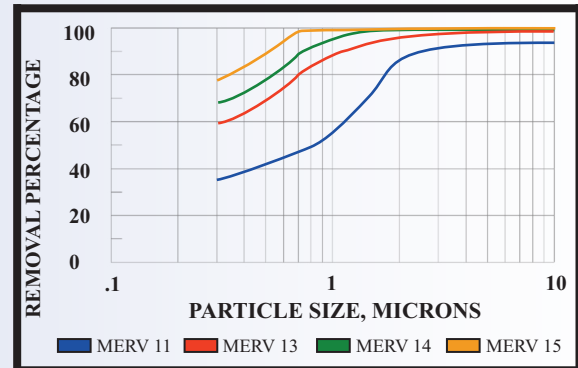
STANDARD PRESSURE DROP

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



MINIMUM PARTICLE SIZE EFFICIENCY

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



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