

PURACELL II P-S & PH-S

Mini-Pleat Synthetic Media Series

- 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.

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.

POLYSTYRENE
PLASTIC FRAME



SPECIFICATIONS

100%
SYNTHETIC
MEDIA

ADHESIVE
BEAD

ADHESIVE
BEADS

"Serving You With Locations Throughout The Nation"

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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PRODUCT BULLETIN 11PURS&PHS • SECTION 11 • 1-1-24

PURACELL II P-S & PH-S SYNTHETIC MEDIA SERIES

MERV 15

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-S	PH-S		P-S	PH-S	
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
*202549	20 x 25 x 4	19-3/8" x 24-3/8" x 3-3/4"	500	0.46	0.54	1.50	65.17	54.51	508 x 635 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
162549	16 x 25 x 4	15-3/8" x 24-3/8" x 3-3/4"	500	0.46	0.54	1.50	51.63	42.05	406 x 635 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
182549	18 x 25 x 4	17-3/8" x 24-3/8" x 3-3/4"	500	0.46	0.54	1.50	54.47	45.03	457 x 635 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

MERV 13 / MERV 11

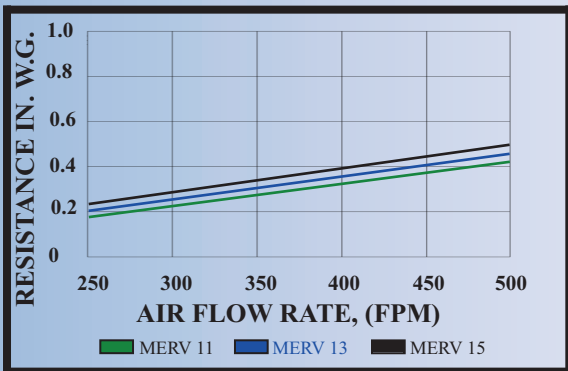
BASE MODEL NUMBER		SIZE W x H x D NOMINAL	SIZE W x H x D EXACT	RATED VELOCITY FPM	INITIAL RESIST. IN. W.G.				FINAL RESIST. IN. W.G.	MEDIA SQUARE FEET		SIZE W x H x D NOMINAL MM
					P-S		PH-S			P-S	PH-S	
MERV 13	MERV 11				MERV 13	MERV 11	MERV 13	MERV 11		P-S	PH-S	
242442	242441	24 x 24 x 4	23-3/8" 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
*202542	*202541	20 x 25 x 4	19-3/8" x 24-3/8" x 3-3/4"	500	0.44	0.42	0.52	0.50	1.50	65.17	54.51	508 x 635 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
182442	182441	18 x 24 x 4	17-3/8" x 23-3/8" x 3-3/4"	500	0.44	0.42	0.52	0.50	1.50	55.62	46.58	457 x 610 x 102
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181842	181841	18 x 18 x 4	17-3/8" x 17-3/8" x 3-3/4"	500	0.44	0.42	0.52	0.50	1.50	38.49	31.33	457 x 457 x 102
162442	162441	16 x 24 x 4	15-3/8" x 23-3/8" x 3-3/4"	500	0.44	0.42	0.52	0.50	1.50	46.23	37.51	406 x 610 x 102
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121642	121641	12 x 16 x 4	11-3/8" x 15-3/8" x 3-3/4"	500	0.44	0.42	0.52	0.50	1.50	22.26	16.40	305 x 406 x 102
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.

*Model Number Size Configuration may be produced as 20x25 or 25x20.

STANDARD PRESSURE DROP

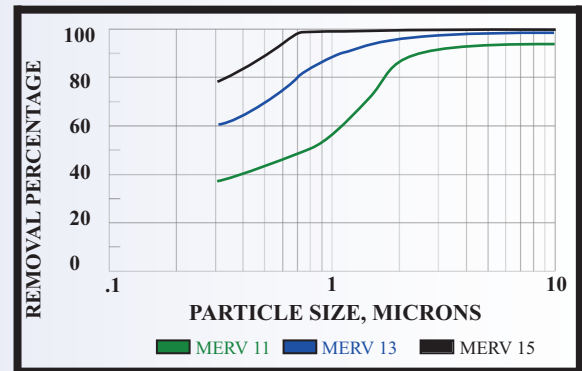
Test Filter Size 24" x 24" x 4" Nominal Box



Distributed by:

MINIMUM PARTICLE SIZE EFFICIENCY

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



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