



## PURACELL II Mini-Pleat Series

- Compact Design for Maximum Air Flow
- Four Efficiencies Available
- Standard and Special Sizes
- Media Will Not Support Microbial Growth

### FEATURES

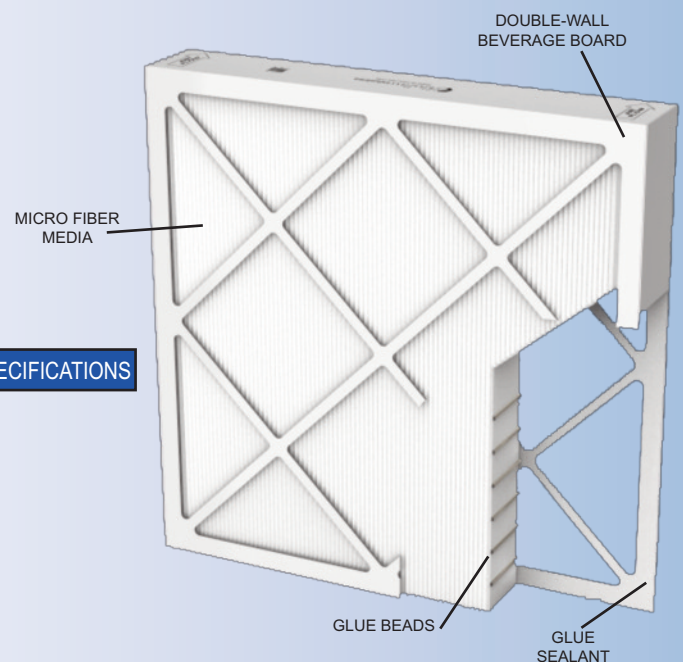


The Glasfloss Puracell II Mini-Pleat Series is designed for use in applications where a high degree of efficiency is required in a 4" filter. The Puracell II Series combines state-of-the-art mini-pleat construction techniques with superior reliability to offer maximum value for commercial and industrial applications. Additionally, the Puracell II 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 comes in a variety of sizes and efficiencies.

The Glasfloss Puracell II filter is a mini-pleat cartridge encapsulated between two heavy-duty beverage board die-cut frames. The die-cut frames are bonded together, creating a double-wall thickness around the perimeter of the filter. The Puracell II pack is pleated wet-laid 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 bonded to the interior of the die-cut frame. The filter shall be rated to withstand temperatures up to 180 degrees Fahrenheit. The recommended final resistance for Puracell II filters is 1.5" w.g.



### SPECIFICATIONS



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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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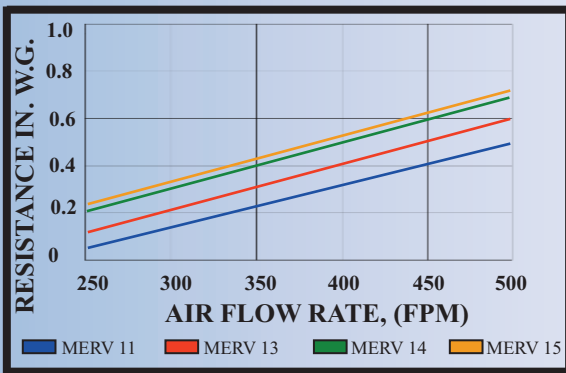
**PURACELL II SERIES**

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
<b>MERV 15</b>							
PURII2424495	24 x 24 x 4	23-3/8" x 23-3/8" x 3-3/4"	500	.72	1.50	122.95	610 x 610 x 102
PURII2025495	20 x 25 x 4	19-1/2" x 24-1/2" x 3-3/4"	500	.72	1.50	106.26	508 x 635 x 102
PURII2024495	20 x 24 x 4	19-3/8" x 23-3/8" x 3-3/4"	500	.72	1.50	101.90	508 x 610 x 102
PURII2020495	20 x 20 x 4	19-1/2" x 19-1/2" x 3-3/4"	500	.72	1.50	84.47	508 x 508 x 102
PURIII1824495	18 x 24 x 4	17-1/2" x 23-1/2" x 3-3/4"	500	.72	1.50	91.38	457 x 610 x 102
PURIII1625495	16 x 25 x 4	15-1/2" x 24-1/2" x 3-3/4"	500	.72	1.50	84.32	406 x 635 x 102
PURIII1620495	16 x 20 x 4	15-1/2" x 19-1/2" x 3-3/4"	500	.72	1.50	67.03	406 x 508 x 102
PURIII1224495	12 x 24 x 4	11-3/8" x 23-3/8" x 3-3/4"	500	.72	1.50	59.82	305 x 610 x 102
<b>MERV 14</b>							
PURII242449	24 x 24 x 4	23-3/8" x 23-3/8" x 3-3/4"	500	.68	1.50	122.95	610 x 610 x 102
PURII202549	20 x 25 x 4	19-1/2" x 24-1/2" x 3-3/4"	500	.68	1.50	106.26	508 x 635 x 102
PURII202449	20 x 24 x 4	19-3/8" x 23-3/8" x 3-3/4"	500	.68	1.50	101.90	508 x 610 x 102
PURII202049	20 x 20 x 4	19-1/2" x 19-1/2" x 3-3/4"	500	.68	1.50	84.47	508 x 508 x 102
PURIII182449	18 x 24 x 4	17-1/2" x 23-1/2" x 3-3/4"	500	.68	1.50	91.38	457 x 610 x 102
PURIII162549	16 x 25 x 4	15-1/2" x 24-1/2" x 3-3/4"	500	.68	1.50	84.32	406 x 635 x 102
PURIII162049	16 x 20 x 4	15-1/2" x 19-1/2" x 3-3/4"	500	.68	1.50	67.03	406 x 508 x 102
PURIII122449	12 x 24 x 4	11-3/8" x 23-3/8" x 3-3/4"	500	.68	1.50	59.82	305 x 610 x 102
<b>MERV 13</b>							
PURII242448	24 x 24 x 4	23-3/8" x 23-3/8" x 3-3/4"	500	.60	1.50	118.10	610 x 610 x 102
PURII202548	20 x 25 x 4	19-1/2" x 24-1/2" x 3-3/4"	500	.60	1.50	102.08	508 x 635 x 102
PURII202448	20 x 24 x 4	19-3/8" x 23-3/8" x 3-3/4"	500	.60	1.50	97.89	508 x 610 x 102
PURII202048	20 x 20 x 4	19-1/2" x 19-1/2" x 3-3/4"	500	.60	1.50	81.14	508 x 508 x 102
PURIII182448	18 x 24 x 4	17-1/2" x 23-1/2" x 3-3/4"	500	.60	1.50	87.78	457 x 610 x 102
PURIII162548	16 x 25 x 4	15-1/2" x 24-1/2" x 3-3/4"	500	.60	1.50	80.75	406 x 635 x 102
PURIII162048	16 x 20 x 4	15-1/2" x 19-1/2" x 3-3/4"	500	.60	1.50	64.39	406 x 508 x 102
PURIII122448	12 x 24 x 4	11-3/8" x 23-3/8" x 3-3/4"	500	.60	1.50	57.47	305 x 610 x 102
<b>MERV 11</b>							
PURII242446	24 x 24 x 4	23-3/8" x 23-3/8" x 3-3/4"	500	.48	1.50	118.10	610 x 610 x 102
PURII202546	20 x 25 x 4	19-1/2" x 24-1/2" x 3-3/4"	500	.48	1.50	102.08	508 x 635 x 102
PURII202446	20 x 24 x 4	19-3/8" x 23-3/8" x 3-3/4"	500	.48	1.50	97.89	508 x 610 x 102
PURII202046	20 x 20 x 4	19-1/2" x 19-1/2" x 3-3/4"	500	.48	1.50	81.14	508 x 508 x 102
PURIII182446	18 x 24 x 4	17-1/2" x 23-1/2" x 3-3/4"	500	.48	1.50	87.78	457 x 610 x 102
PURIII162546	16 x 25 x 4	15-1/2" x 24-1/2" x 3-3/4"	500	.48	1.50	80.75	406 x 635 x 102
PURIII162046	16 x 20 x 4	15-1/2" x 19-1/2" x 3-3/4"	500	.48	1.50	64.39	406 x 508 x 102
PURIII122446	12 x 24 x 4	11-3/8" x 23-3/8" x 3-3/4"	500	.48	1.50	57.47	305 x 610 x 102

Tolerances shall be +/- 1/8" for height, width and +/- 1/16" for depth. Performance values based on ASHRAE and in-house testing methods.

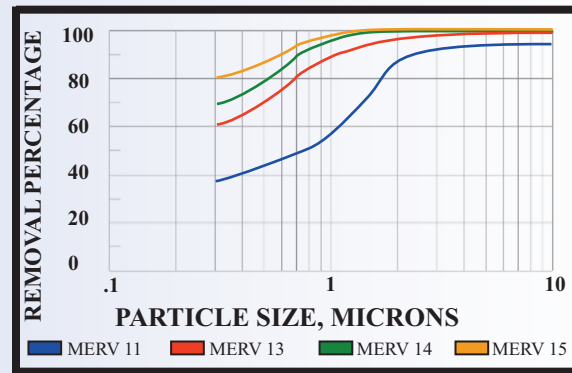
**STANDARD PRESSURE DROP**

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



**MINIMUM PARTICLE SIZE EFFICIENCY**

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



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