



PURACELL II Mini-Pleat Series

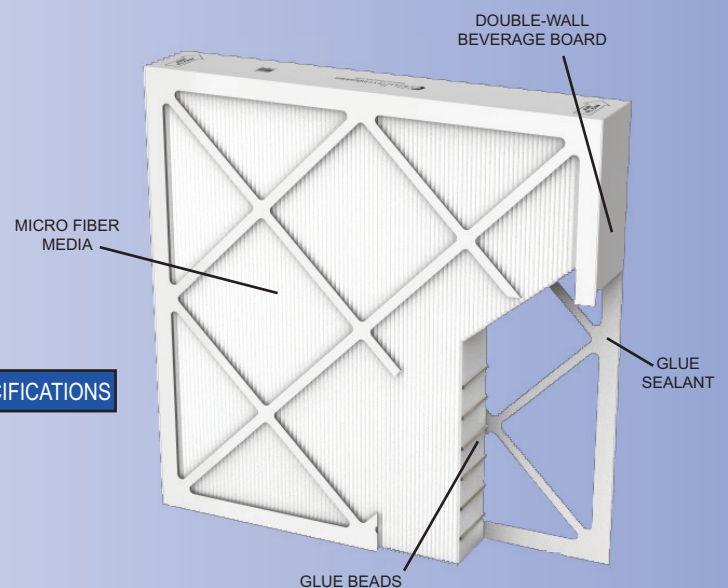
- Compact Design for Maximum Air Flow
- Three Efficiencies Available
- Standard and Special Sizes
- Media Will Not Support Microbial Growth

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



| Efficiency | 60-65% | 80-85% | 90-95% |
|------------|--------|--------|--------|
| MERV | 11 | 13 | 14 |

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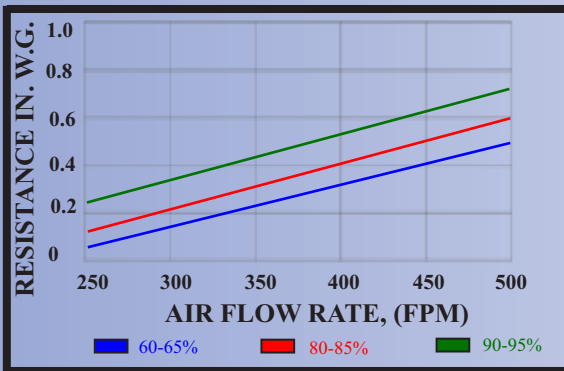
PURACELL II SERIES

| 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 |
|------------------------------------|------------------------|----------------------------|--------------------|--------------------------|------------------------|-------------------|---------------------------|
| 90-95% Efficiency - MERV 14 | | | | | | | |
| 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 |
| 80-85% Efficiency - MERV 13 | | | | | | | |
| 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 |
| 60-65% Efficiency - MERV 11 | | | | | | | |
| 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.

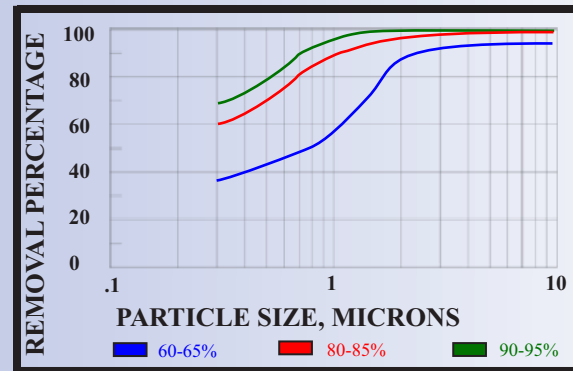
STANDARD PRESSURE DROP

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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