

Z-LINE® SERIES MR-13

Environmentally Friendly!

MADE IN



U. S. A.

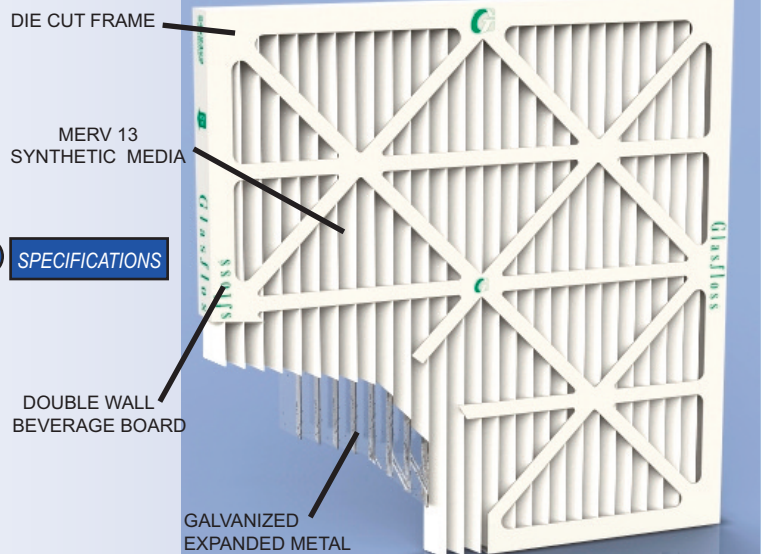
- MERV 13
- Electrostatically-Charged 100% Synthetic Media
- Heavy-Duty Moisture-Resistant Construction
- Standard Size 4" Incorporate Media Separators

FEATURES



The Glasfloss Z-Line Series MR-13 pleated air filter features the latest in media technology to achieve MERV 13 while maintaining low pressure drop and good service life. The new Z-Line Series MR-13 pleat is optimized for "LEED" compliance in new and existing buildings as well as providing a cost-effective upgrade from lower efficiency pleated filters for a variety of commercial and industrial applications. The Z-Line Series MR-13 pleat is available in many standard face dimensions in 1", 2" and 4" depths.

The Glasfloss Z-Line Series MR-13 air filter shall be of the extended-surface pleated-media type. The media incorporates 100% synthetic fibers that are electrostatically charged. The filter fibers are thermally bonded and manufactured in an engineered gradient structure. An expanded metal reinforcement shall be laminated to the air-exit side of the media by a thermo-setting adhesive to maintain continuity of the radial pleats. The expanded metal shall be galvanized to resist rust and corrosion. The media shall be pleated in a tapered radial configuration. The pleated cartridge shall be bonded to the peripheral interior of the outer frame. A heavy-duty moisture-resistant beverage board shall be utilized for an encasing frame. The frame shall be internally laminated to the pleated cartridge apexes. Z-Line MR-13 Series filters shall be classified under U.L. std. 900 and shall be rated to withstand temperatures up to 180 degrees Fahrenheit. Z-Line MR-13 Series filters shall be rated MERV 13 when tested in accordance with the ANSI/ASHRAE 52.2 Test Standard.



"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.

Z-LINE SERIES MR-13 STANDARD SIZE FILTERS

| MODEL NUMBER | SIZE W x H x D NOMINAL | SIZE W x H x D EXACT | RATED VELOCITY FPM | INITIAL RESIST. IN. W.G | MEDIA SQUARE FEET | SIZE W x H x D NOMINAL MM | RATED VELOCITY M/H | INITIAL RESIST. PASCAL |
|--------------|------------------------|-----------------------|--------------------|-------------------------|-------------------|---------------------------|--------------------|------------------------|
| M1310101 | 10 x 10 x 1 | 9-1/2 x 9-1/2 x 7/8 | 300 | .35 | 1.61 | 254 x 254 x 25 | 5490 | 112.09 |
| M1310201 | 10 x 20 x 1 | 9-1/2 x 19-1/2 x 7/8 | 300 | .35 | 2.67 | 254 x 508 x 25 | 5490 | 112.09 |
| M1310241 | 10 x 24 x 1 | 9-1/2 x 23-3/8 x 7/8 | 300 | .35 | 3.22 | 254 x 610 x 25 | 5490 | 112.09 |
| M1310301 | 10 x 30 x 1 | 9-5/8 x 29-5/8 x 7/8 | 300 | .35 | 4.95 | 254 x 762 x 25 | 5490 | 112.09 |
| M1312121 | 12 x 12 x 1 | 11-1/2 x 11-1/2 x 7/8 | 300 | .35 | 2.06 | 305 x 305 x 25 | 5490 | 112.09 |
| M1312201 | 12 x 20 x 1 | 11-1/2 x 19-1/2 x 7/8 | 300 | .35 | 3.29 | 305 x 508 x 25 | 5490 | 112.09 |
| M1312241 | 12 x 24 x 1 | 11-3/8 x 23-3/8 x 7/8 | 300 | .35 | 3.96 | 305 x 610 x 25 | 5490 | 112.09 |
| M1312251 | 12 x 25 x 1 | 11-1/2 x 24-1/2 x 7/8 | 300 | .35 | 4.13 | 305 x 635 x 25 | 5490 | 112.09 |
| M1312301 | 12 x 30 x 1 | 11-5/8 x 29-1/2 x 7/8 | 300 | .35 | 5.16 | 305 x 762 x 25 | 5490 | 112.09 |
| M1314141 | 14 x 14 x 1 | 13-1/2 x 13-1/2 x 7/8 | 300 | .35 | 3.12 | 356 x 356 x 25 | 5490 | 112.09 |
| M1314201 | 14 x 20 x 1 | 13-1/2 x 19-1/2 x 7/8 | 300 | .35 | 3.91 | 356 x 508 x 25 | 5490 | 112.09 |
| M1314241 | 14 x 24 x 1 | 13-1/2 x 23-3/8 x 7/8 | 300 | .35 | 4.70 | 356 x 610 x 25 | 5490 | 112.09 |
| M1314251 | 14 x 25 x 1 | 13-1/2 x 24-1/2 x 7/8 | 300 | .35 | 4.90 | 356 x 635 x 25 | 5490 | 112.09 |
| M1314301 | 14 x 30 x 1 | 13-5/8 x 29-5/8 x 7/8 | 300 | .35 | 6.56 | 356 x 762 x 25 | 5490 | 112.09 |
| M1315201 | 15 x 20 x 1 | 14-1/2 x 19-1/2 x 7/8 | 300 | .35 | 4.11 | 381 x 508 x 25 | 5490 | 112.09 |
| M131530K1 | 15 x 30-5/8 x 1 | 14-5/8 x 30-1/4 x 7/8 | 300 | .35 | 10.57 | 381 x 778 x 25 | 5490 | 112.09 |
| M1316161 | 16 x 16 x 1 | 15-1/2 x 15-1/2 x 7/8 | 300 | .35 | 3.45 | 406 x 406 x 25 | 5490 | 112.09 |
| M1316201 | 16 x 20 x 1 | 15-1/2 x 19-1/2 x 7/8 | 300 | .35 | 4.32 | 406 x 508 x 25 | 5490 | 112.09 |
| M1316241 | 16 x 24 x 1 | 15-1/2 x 23-1/2 x 7/8 | 300 | .35 | 5.20 | 406 x 610 x 25 | 5490 | 112.09 |
| M1316251 | 16 x 25 x 1 | 15-1/2 x 24-1/2 x 7/8 | 300 | .35 | 5.41 | 406 x 635 x 25 | 5490 | 112.09 |
| M1316301 | 16 x 30 x 1 | 15-5/8 x 29-5/8 x 7/8 | 300 | .35 | 6.67 | 406 x 762 x 25 | 5490 | 112.09 |
| M1318181 | 18 x 18 x 1 | 17-1/2 x 17-1/2 x 7/8 | 300 | .35 | 4.44 | 457 x 457 x 25 | 5490 | 112.09 |
| M1318201 | 18 x 20 x 1 | 17-1/2 x 19-1/2 x 7/8 | 300 | .35 | 4.94 | 457 x 508 x 25 | 5490 | 112.09 |
| M1318241 | 18 x 24 x 1 | 17-1/2 x 23-3/8 x 7/8 | 300 | .35 | 5.94 | 457 x 610 x 25 | 5490 | 112.09 |
| M1318251 | 18 x 25 x 1 | 17-1/2 x 24-1/2 x 7/8 | 300 | .35 | 6.19 | 457 x 635 x 25 | 5490 | 112.09 |
| M1318301 | 18 x 30 x 1 | 17-5/8 x 29-5/8 x 7/8 | 300 | .35 | 8.23 | 457 x 762 x 25 | 5490 | 112.09 |
| M1320201 | 20 x 20 x 1 | 19-5/8 x 19-5/8 x 7/8 | 300 | .35 | 5.55 | 508 x 508 x 25 | 5490 | 112.09 |
| M1320221 | 20 x 22 x 1 | 19-5/8 x 21-1/2 x 7/8 | 300 | .35 | 6.15 | 508 x 559 x 25 | 5490 | 112.09 |
| M1320241 | 20 x 24 x 1 | 19-5/8 x 23-3/8 x 7/8 | 300 | .35 | 6.68 | 508 x 610 x 25 | 5490 | 112.09 |
| M1320251 | 20 x 25 x 1 | 19-5/8 x 24-1/2 x 7/8 | 300 | .35 | 6.96 | 508 x 635 x 25 | 5490 | 112.09 |
| M1320301 | 20 x 30 x 1 | 19-5/8 x 29-5/8 x 7/8 | 300 | .35 | 8.23 | 508 x 762 x 25 | 5490 | 112.09 |
| M1322221 | 22 x 22 x 1 | 21-1/2 x 21-1/2 x 7/8 | 300 | .35 | 7.17 | 559 x 559 x 25 | 5490 | 112.09 |
| M1324241 | 24 x 24 x 1 | 23-3/8 x 23-3/8 x 7/8 | 300 | .35 | 7.92 | 610 x 610 x 25 | 5490 | 112.09 |
| M1324301 | 24 x 30 x 1 | 23-3/8 x 29-5/8 x 7/8 | 300 | .35 | 9.90 | 610 x 762 x 25 | 5490 | 112.09 |
| M1325251 | 25 x 25 x 1 | 24-1/2 x 24-1/2 x 7/8 | 300 | .35 | 8.51 | 635 x 635 x 25 | 5490 | 112.09 |

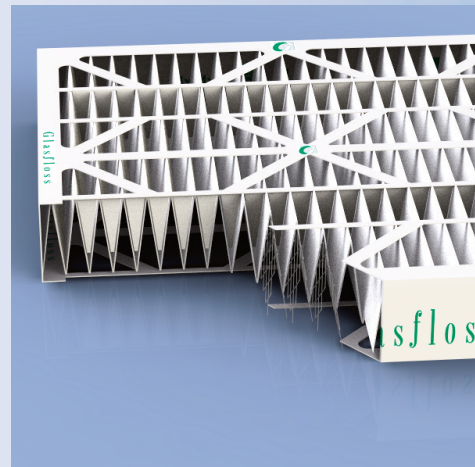
Tolerances shall be +/- 1/8" for height, width and +/- 1/16" for depth. Recommended final resistance is 1.00" w.g.

Z-LINE SERIES MR-13 STANDARD SIZE FILTERS

| MODEL NUMBER | SIZE W x H x D NOMINAL | SIZE W x H x D EXACT | RATED VELOCITY FPM | INITIAL RESIST. IN. W.G | MEDIA SQUARE FEET | SIZE W x H x D NOMINAL MM | RATED VELOCITY M/H | INITIAL RESIST. PASCAL |
|--------------|------------------------|-------------------------|--------------------|-------------------------|-------------------|---------------------------|--------------------|------------------------|
| M1310202 | 10 x 20 x 2 | 9-1/2 x 19-1/2 x 1-3/4 | 500 | .39 | 6.24 | 254 x 508 x 51 | 9150 | 94.65 |
| M1312122 | 12 x 12 x 2 | 11-1/2 x 11-1/5 x 1-3/4 | 500 | .39 | 4.33 | 305 x 305 x 51 | 9150 | 94.65 |
| M1312202 | 12 x 20 x 2 | 11-1/2 x 19-1/2 x 1-3/4 | 500 | .39 | 7.20 | 305 x 508 x 51 | 9150 | 94.65 |
| M1312242 | 12 x 24 x 2 | 11-3/8 x 23-3/8 x 1-3/4 | 500 | .39 | 8.66 | 305 x 610 x 51 | 9150 | 94.65 |
| M1314202 | 14 x 20 x 2 | 13-1/2 x 19-1/2 x 1-3/4 | 500 | .39 | 8.64 | 356 x 508 x 51 | 9150 | 94.65 |
| M1314252 | 14 x 25 x 2 | 13-1/2 x 24-1/2 x 1-3/4 | 500 | .39 | 10.83 | 356 x 635 x 51 | 9150 | 94.65 |
| M1315202 | 15 x 20 x 2 | 14-1/2 x 19-1/2 x 1-3/4 | 500 | .39 | 9.12 | 381 x 508 x 51 | 9150 | 94.65 |
| M1316162 | 16 x 16 x 2 | 15-1/2 x 15-1/2 x 1-3/4 | 500 | .39 | 7.66 | 406 x 406 x 51 | 9150 | 94.65 |
| M1316202 | 16 x 20 x 2 | 15-1/2 x 19-1/2 x 1-3/4 | 500 | .39 | 9.60 | 406 x 508 x 51 | 9150 | 94.65 |
| M1316242 | 16 x 24 x 2 | 15-1/2 x 23-1/2 x 1-3/4 | 500 | .39 | 11.55 | 406 x 610 x 51 | 9150 | 94.65 |
| M1316252 | 16 x 25 x 2 | 15-1/2 x 24-1/2 x 1-3/4 | 500 | .39 | 12.03 | 406 x 635 x 51 | 9150 | 94.65 |
| M1318182 | 18 x 18 x 2 | 17-1/2 x 17-1/2 x 1-3/4 | 500 | .39 | 9.92 | 457 x 457 x 51 | 9150 | 94.65 |
| M1318202 | 18 x 20 x 2 | 17-1/2 x 19-1/2 x 1-3/4 | 500 | .39 | 11.04 | 457 x 508 x 51 | 9150 | 94.65 |
| M1318242 | 18 x 24 x 2 | 17-1/2 x 23-1/2 x 1-3/4 | 500 | .39 | 13.28 | 457 x 610 x 51 | 9150 | 94.65 |
| M1318252 | 18 x 25 x 2 | 17-1/2 x 24-1/2 x 1-3/4 | 500 | .39 | 13.84 | 457 x 635 x 51 | 9150 | 94.65 |
| M1320202 | 20 x 20 x 2 | 19-1/2 x 19-1/2 x 1-3/4 | 500 | .39 | 12.00 | 508 x 508 x 51 | 9150 | 94.65 |
| M1320242 | 20 x 24 x 2 | 19-3/8 x 23-3/8 x 1-3/4 | 500 | .39 | 14.43 | 508 x 610 x 51 | 9150 | 94.65 |
| M1320252 | 20 x 25 x 2 | 19-1/2 x 24-1/2 x 1-3/4 | 500 | .39 | 15.04 | 508 x 635 x 51 | 9150 | 94.65 |
| M1320302 | 20 x 30 x 2 | 19-5/8 x 29-5/8 x 1-3/4 | 500 | .39 | 18.24 | 508 x 762 x 51 | 9150 | 94.65 |
| M1324242 | 24 x 24 x 2 | 23-3/8 x 23-3/8 x 1-3/4 | 500 | .39 | 17.61 | 610 x 610 x 51 | 9150 | 94.65 |
| M1325252 | 25 x 25 x 2 | 24-1/2 x 24-1/2 x 1-3/4 | 500 | .39 | 18.65 | 635 x 635 x 51 | 9150 | 94.65 |
| M1312244 | 12 x 24 x 4 | 11-3/8 x 23-3/8 x 3-3/4 | 500 | .34 | 13.61 | 305 x 610 x 102 | 9150 | 82.20 |
| M1316204 | 16 x 20 x 4 | 15-1/2 x 19-1/2 x 3-3/4 | 500 | .34 | 15.43 | 406 x 508 x 102 | 9150 | 82.20 |
| M1316254 | 16 x 25 x 4 | 15-1/2 x 24-1/2 x 3-3/4 | 500 | .34 | 19.34 | 406 x 635 x 102 | 9150 | 82.20 |
| M1318244 | 18 x 24 x 4 | 17-1/2 x 23-1/2 x 3-3/4 | 500 | .34 | 21.03 | 457 x 610 x 102 | 9150 | 82.20 |
| M1320204 | 20 x 20 x 4 | 19-1/2 x 19-1/2 x 3-3/4 | 500 | .34 | 18.52 | 508 x 508 x 102 | 9150 | 82.20 |
| M1320244 | 20 x 24 x 4 | 19-3/8 x 23-3/8 x 3-3/4 | 500 | .34 | 22.27 | 508 x 610 x 102 | 9150 | 82.20 |
| M1320254 | 20 x 25 x 4 | 19-1/2 x 24-1/2 x 3-3/4 | 500 | .34 | 23.20 | 508 x 635 x 102 | 9150 | 82.20 |
| M1324244 | 24 x 24 x 4 | 23-3/8 x 23-3/8 x 3-3/4 | 500 | .34 | 27.21 | 610 x 610 x 102 | 9150 | 82.20 |

Tolerances shall be +/- 1/8" for height, width and +/- 1/16" for depth. Recommended final resistance is 1.00" w.g.

Standard size 4" thick MR-13 pleated filters incorporate media separators.

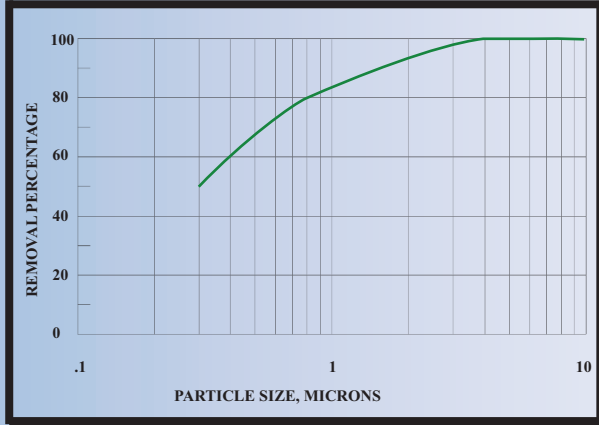


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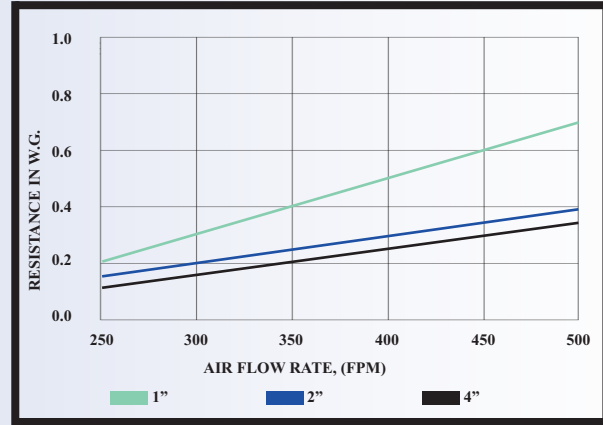
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MINIMUM PARTICLE SIZE EFFICIENCY



STANDARD PRESSURE DROP



GLASFLOSS' COMMITMENT to GREEN



For years, Glasfloss has been designing air filtration products for maximum energy savings and environmental benefits in HVAC systems. Now more than ever, our commitment to Green products and manufacturing processes is at the heart of our company. For more information on Glasfloss Green products and LEED project certification options, please contact your Glasfloss Sales Representative.



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