

## Z-LINE® SERIES MR-13 Environmentally Friendly!



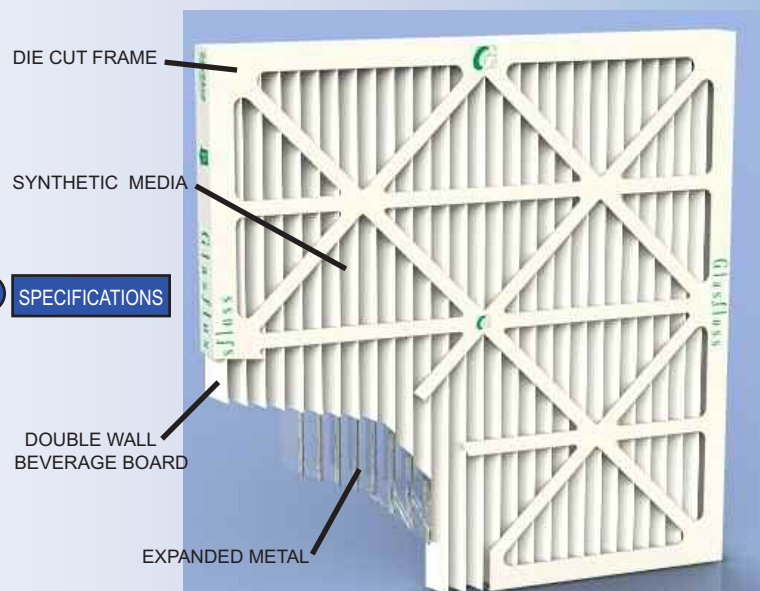
- MERV 13
- Electrostatically-Charged 100% Synthetic Media
- Heavy-Duty Moisture-Resistant Construction
- Standard Size 4" Incorporate Media Separators

### 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.

### < SPECIFICATIONS



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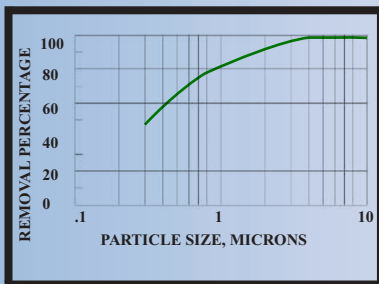
Glasfloss has a policy of uninterrupted research, development and product improvement and reserves the right to change design and specifications without notice.

## 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
M1310201	10x20x1	9-1/2 x 19-1/2 x 7/8	300	.45	2.67	254 x 508 x 26	5490	112.09
M1310241	10x24x1	9-1/2 x 23-3/8 x 7/8	300	.45	3.22	254 x 610 x 26	5490	112.09
M1312201	12x20x1	11-1/2 x 19-1/2 x 7/8	300	.45	3.29	305 x 508 x 26	5490	112.09
M1312241	12x24x1	11-3/8 x 23-3/8 x 7/8	300	.45	3.96	305 x 610 x 26	5490	112.09
M1312251	12x25x1	11-1/2 x 24-1/2 x 7/8	300	.45	4.13	305 x 635 x 26	5490	112.09
M1314201	14x20x1	13-1/2 x 19-1/2 x 7/8	300	.45	3.91	356 x 508 x 26	5490	112.09
M1314241	14x24x1	13-1/2 x 23-3/8 x 7/8	300	.45	4.70	356 x 610 x 26	5490	112.09
M1314251	14x25x1	13-1/2 x 24-1/2 x 7/8	300	.45	4.90	356 x 635 x 26	5490	112.09
M1315201	15x20x1	14-1/2 x 19-1/2 x 7/8	300	.45	4.11	381 x 508 x 26	5490	112.09
M1316201	16x20x1	15-1/2 x 19-1/2 x 7/8	300	.45	4.32	406 x 508 x 26	5490	112.09
M1316241	16x24x1	15-1/2 x 23-1/2 x 7/8	300	.45	5.20	406 x 610 x 26	5490	112.09
M1316251	16x25x1	15-1/2 x 24-1/2 x 7/8	300	.45	5.41	406 x 635 x 26	5490	112.09
M1318201	18x20x1	17-1/2 x 19-1/2 x 7/8	300	.45	4.94	457 x 508 x 26	5490	112.09
M1318241	18x24x1	17-1/2 x 23-3/8 x 7/8	300	.45	5.94	457 x 610 x 26	5490	112.09
M1318251	18x25x1	17-1/2 x 24-1/2 x 7/8	300	.45	6.19	457 x 635 x 26	5490	112.09
M1320201	20x20x1	19-5/8 x 19-5/8 x 7/8	300	.45	5.55	508 x 508 x 26	5490	112.09
M1320221	20x22x1	19-5/8 x 21-1/2 x 7/8	300	.45	6.15	508 x 111 x 26	5490	112.09
M1320241	20x24x1	19-5/8 x 23-3/8 x 7/8	300	.45	6.68	508 x 610 x 26	5490	112.09
M1320251	20x25x1	19-5/8 x 24-1/2 x 7/8	300	.45	6.96	508 x 635 x 26	5490	112.09
M1320301	20x30x1	19-5/8 x 29-5/8 x 7/8	300	.45	8.23	508 x 508 x 26	5490	112.09
M1324241	24x24x1	23-3/8 x 23-3/8 x 7/8	300	.45	7.92	610 x 610 x 26	5490	112.09
M1324301	24x30x1	23-3/8 x 29-5/8 x 7/8	300	.45	9.90	610 x 111 x 26	5490	112.09
M1325251	25x25x1	24-1/2 x 24-1/2 x 7/8	300	.45	8.51	635 x 635 x 26	5490	112.09
M1310202	10x20x2	9-1/2 x 19-1/2 x 1-3/4	500	.38	6.24	254 x 508 x 51	9150	94.65
M1312202	12x20x2	11-1/2 x 19-1/2 x 1-3/4	500	.38	7.20	305 x 508 x 51	9150	94.65
M1312242	12x24x2	11-3/8 x 23-3/8 x 1-3/4	500	.38	8.66	305 x 610 x 51	9150	94.65
M1314202	14x20x2	13-1/2 x 19-1/2 x 1-3/4	500	.38	8.64	356 x 508 x 51	9150	94.65
M1314252	14x25x2	13-1/2 x 24-1/2 x 1-3/4	500	.38	10.83	356 x 635 x 51	9150	94.65
M1315202	15x20x2	14-1/2 x 19-1/2 x 1-3/4	500	.38	9.12	381 x 508 x 51	9150	94.65
M1316202	16x20x2	15-1/2 x 19-1/2 x 1-3/4	500	.38	9.60	406 x 508 x 51	9150	94.65
M1316242	16x24x2	15-1/2 x 23-1/2 x 1-3/4	500	.38	11.55	406 x 610 x 51	9150	94.65
M1316252	16x25x2	15-1/2 x 24-1/2 x 1-3/4	500	.38	12.03	406 x 635 x 51	9150	94.65
M1318202	18x20x2	17-1/2 x 19-1/2 x 1-3/4	500	.38	11.04	457 x 508 x 51	9150	94.65
M1318242	18x24x2	17-1/2 x 23-1/2 x 1-3/4	500	.38	13.28	457 x 610 x 51	9150	94.65
M1318252	18x25x2	17-1/2 x 24-1/2 x 1-3/4	500	.38	13.84	457 x 635 x 51	9150	94.65
M1320202	20x20x2	19-1/2 x 19-1/2 x 1-3/4	500	.38	12.00	508 x 508 x 51	9150	94.65
M1320242	20x24x2	19-3/8 x 23-3/8 x 1-3/4	500	.38	14.43	508 x 610 x 51	9150	94.65
M1320252	20x25x2	19-1/2 x 24-1/2 x 1-3/4	500	.38	15.04	508 x 635 x 51	9150	94.65
M1320302	20x30x2	19-5/8 x 29-5/8 x 1-3/4	500	.38	18.24	508 x 762 x 51	9150	94.65
M1324242	24x24x2	23-3/8 x 23-3/8 x 1-3/4	500	.38	17.61	610 x 610 x 51	9150	94.65
M1325252	25x25x2	24-1/2 x 24-1/2 x 1-3/4	500	.38	18.65	635 x 635 x 51	9150	94.65
M1312244	12x24x4	11-3/8 x 23-3/8 x 3-3/4	500	.33	13.61	305 x 610 x 102	9150	82.20
M1316204	16x20x4	15-1/2 x 19-1/2 x 3-3/4	500	.33	15.43	406 x 508 x 102	9150	82.20
M1316254	16x25x4	15-1/2 x 24-1/2 x 3-3/4	500	.33	19.34	406 x 635 x 102	9150	82.20
M1318244	18x24x4	17-1/2 x 23-1/2 x 3-3/4	500	.33	21.03	457 x 610 x 102	9150	82.20
M1320204	20x20x4	19-1/2 x 19-1/2 x 3-3/4	500	.33	18.52	508 x 508 x 102	9150	82.20
M1320244	20x24x4	19-3/8 x 23-3/8 x 3-3/4	500	.33	22.27	508 x 610 x 102	9150	82.20
M1320254	20x25x4	19-1/2 x 24-1/2 x 3-3/4	500	.33	23.20	508 x 635 x 102	9150	82.20
M1324244	24x24x4	23-3/8 x 23-3/8 x 3-3/4	500	.33	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.

### MINIMUM PARTICLE SIZE EFFICIENCY



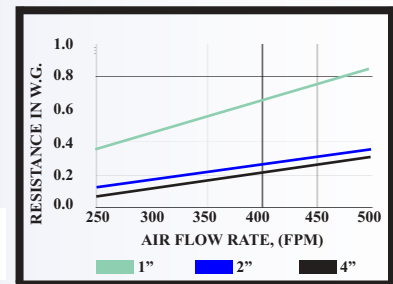
### GLASFLOSS' COMMITMENT to GREEN



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.



### STANDARD PRESSURE DROP



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