

## Z-LINE<sup>®</sup> SERIES XM Pleated Filters

- MERV 8 & MERV 11 Performances
- Designed for Higher Air Volume Systems
- Higher Breach Strength
- Heavy-Duty Moisture Resistant Construction
- Extra Heavy-Duty Galvanized Metal Backing
- Standard 2" & 4" Sizes

### FEATURES



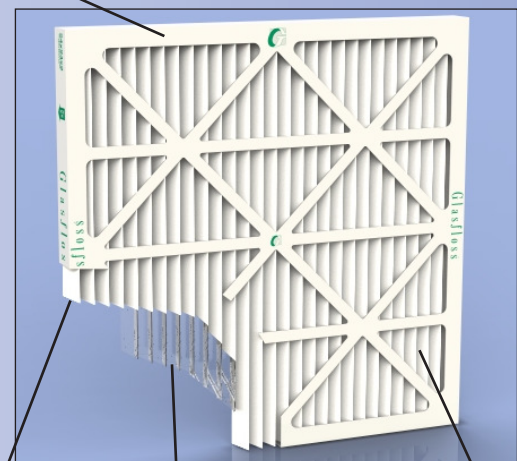
The Glasfloss Z-Line Series HVXM and MR11XM pleated filters offer superior integrity construction for higher velocity applications. The Z-Line Series HVXM and MR11XM incorporate 100% synthetic media that will not absorb moisture and will not support microbial growth. The extra heavy-duty galvanized expanded metal which incorporates approximately 75% more support provides robust performance under higher air velocity applications. The Glasfloss Z-Line Series HVXM shall achieve a MERV 8 rating and MR11XM shall achieve a MERV 11 rating per the ANSI/ASHRAE 52.2 Test Standard.

Glasfloss Z-Line Series HVXM and MR11XM air filters shall be of the extended-surface pleated-media type. The media utilized shall be made of 100% synthetic fibers. The media shall be pleated in a tapered radial configuration. An extra heavy duty, recycled 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 pleated cartridge shall be bonded to the peripheral interior of the outer frame. A heavy-duty moisture-resistant beverage board incorporating post-consumer material shall be utilized for an encasing frame. The frame face shall be internally laminated to the pleated cartridge apexes. Glasfloss Z-Line Series HVXM and MR11XM filters shall be classified under U.L. std. 900 and shall be rated to withstand temperatures up to 180 degrees Fahrenheit.



### SPECIFICATIONS

Die Cut  
Frame



Double Wall Beverage  
Board

Extra Heavy-Duty Gal-  
vanized Expanded  
Metal

Synthetic  
Media

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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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PRODUCT BULLETIN 6XM • SECTION 6 • 10-20-13

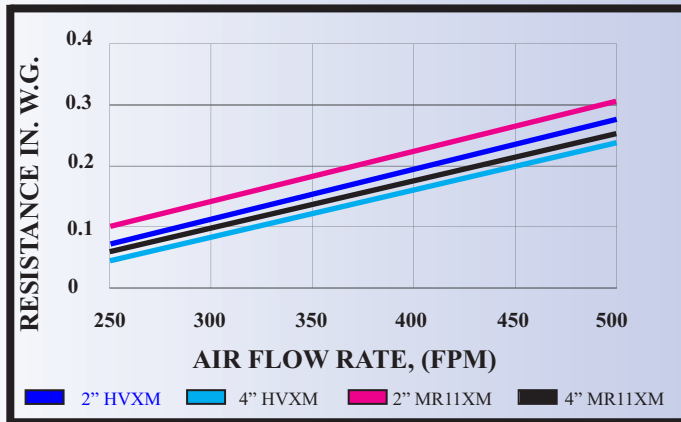
## Z-LINE SERIES HVXM & MR11XM STANDARD SIZES

SIZE W x H x D NOMINAL	SIZE W x H x D EXACT	RATED VELOC- ITY FPM	INITIAL RESIST. IN. W.G.		MEDIA SQUARE FEET	SIZE W x H x D NOMINAL MM	RATED VELOC- ITY M/H	INITIAL RESIST. PASCALS	
			HVXM	MR11XM				HVXM	MR11XM
10 x 20 x 2	9-1/2 x 19-1/2 x 1-3/4	500	.27	.31	6.24	254 x 508 x 51	9150	67.25	77.22
12 x 12 x 2	11-1/2 x 11-1/2 x 1-3/4	500	.27	.31	4.33	305 x 305 x 51	9150	67.25	77.22
12 x 20 x 2	11-1/2 x 19-1/2 x 1-3/4	500	.27	.31	7.20	305 x 508 x 51	9150	67.25	77.22
12 x 24 x 2	11-3/8 x 23-3/8 x 1-3/4	500	.27	.31	8.66	305 x 610 x 51	9150	67.25	77.22
14 x 20 x 2	13-1/2 x 19-1/2 x 1-3/4	500	.27	.31	8.64	356 x 508 x 51	9150	67.25	77.22
14 x 25 x 2	13-1/2 x 24-1/2 x 1-3/4	500	.27	.31	10.83	356 x 635 x 51	9150	67.25	77.22
15 x 20 x 2	14-1/2 x 19-1/2 x 1-3/4	500	.27	.31	9.12	381 x 508 x 51	9150	67.25	77.22
16 x 16 x 2	15-1/2 x 15-1/2 x 1-3/4	500	.27	.31	7.66	406 x 406 x 51	9150	67.25	77.22
16 x 20 x 2	15-1/2 x 19-1/2 x 1-3/4	500	.27	.31	9.60	406 x 508 x 51	9150	67.25	77.22
16 x 24 x 2	15-1/2 x 23-1/2 x 1-3/4	500	.27	.31	11.55	406 x 610 x 51	9150	67.25	77.22
16 x 25 x 2	15-1/2 x 24-1/2 x 1-3/4	500	.27	.31	12.03	406 x 635 x 51	9150	67.25	77.22
18 x 18 x 2	17-1/2 x 17-1/2 x 1-3/4	500	.27	.31	9.92	457 x 457 x 51	9150	67.25	77.22
18 x 20 x 2	17-1/2 x 19-1/2 x 1-3/4	500	.27	.31	11.04	457 x 508 x 51	9150	67.25	77.22
18 x 24 x 2	17-1/2 x 23-1/2 x 1-3/4	500	.27	.31	13.28	457 x 610 x 51	9150	67.25	77.22
18 x 25 x 2	17-1/2 x 24-1/2 x 1-3/4	500	.27	.31	13.84	457 x 635 x 51	9150	67.25	77.22
20 x 20 x 2	19-1/2 x 19-1/2 x 1-3/4	500	.27	.31	12.00	508 x 508 x 51	9150	67.25	77.22
20 x 24 x 2	19-3/8 x 23-3/8 x 1-3/4	500	.27	.31	14.43	508 x 610 x 51	9150	67.25	77.22
20 x 25 x 2	19-1/2 x 24-1/2 x 1-3/4	500	.27	.31	15.04	508 x 635 x 51	9150	67.25	77.22
20 x 30 x 2	19-5/8 x 29-5/8 x 1-3/4	500	.27	.31	18.24	508 x 762 x 51	9150	67.25	77.22
24 x 24 x 2	23-3/8 x 23-3/8 x 1-3/4	500	.27	.31	17.61	610 x 610 x 51	9150	67.25	77.22
25 x 25 x 2	24-1/2 x 24-1/2 x 1-3/4	500	.27	.31	18.65	635 x 635 x 51	9150	67.25	77.22
12 x 24 x 4	11-3/8 x 23-3/8 x 3-3/4	500	.22	.25	13.61	457 x 610 x 102	9150	54.80	62.27
16 x 20 x 4	15-1/2 x 19-1/2 x 3-3/4	500	.22	.25	15.43	406 x 508 x 102	9150	54.80	62.27
16 x 25 x 4	15-1/2 x 24-1/2 x 3-3/4	500	.22	.25	19.34	406 x 635 x 102	9150	54.80	62.27
18 x 24 x 4	17-1/2 x 23-1/2 x 3-3/4	500	.22	.25	21.03	457 x 610 x 102	9150	54.80	62.27
20 x 20 x 4	19-1/2 x 19-1/2 x 3-3/4	500	.22	.25	18.52	508 x 508 x 102	9150	54.80	62.27
20 x 24 x 4	19-3/8 x 23-3/8 x 3-3/4	500	.22	.25	22.27	508 x 610 x 102	9150	54.80	62.27
20 x 25 x 4	19-1/2 x 24-1/2 x 3-3/4	500	.22	.25	23.20	508 x 635 x 102	9150	54.80	62.27
24 x 24 x 4	23-3/8 x 23-3/8 x 3-3/4	500	.22	.25	27.21	610 x 610 x 102	9150	54.80	62.27

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

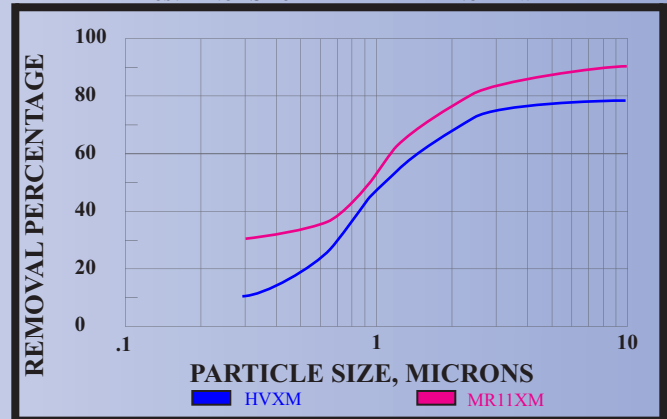
### PRESSURE DROP

Test Filter Size 24" x 24" x 2" Nominal



### MINIMUM PARTICLE SIZE EFFICIENCY

Test Filter Size 24" x 24" x 2" Nominal



Glasfloss is proud to be an Energy Star Partner. The Energy Star Service and Product Provider Partnership is available to organizations that provide energy efficiency related products and/or services to the commercial buildings and industrial plants in the United States.

Glasfloss manufactures a variety of medium and high efficiency air filters which can be specified for LEED certification applications. For specific information on these products, please contact your local Glasfloss Sales Representative.

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