

Product Highlights

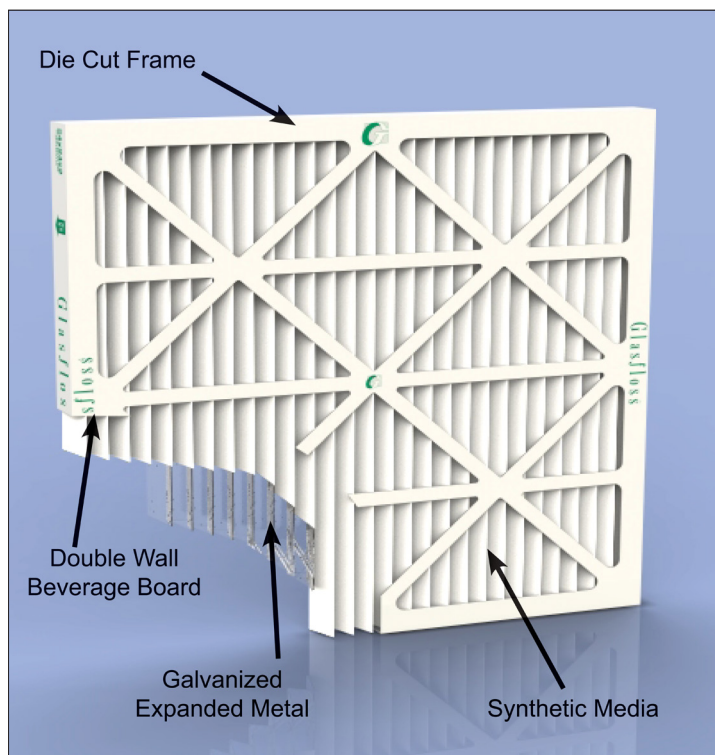
- MERV 10
- Heavy-Duty Moisture Resistant Construction
- Galvanized Expanded Metal Backing
- Standard Size 4" Thick
- Incorporate Media Separators

Features

The Glasfloss® Z-Line® ZL Series pleated filters offer improved performance for virtually every application. All Z-Line® ZL pleated filters feature fibers which do not absorb moisture and will not support microbial growth. The ZL series offers excellent performance and value for a wide range of applications.

Specifications

Glasfloss Z-Line® Series ZL 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. A 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 ZL filters shall be classified under U.L. std. 900 and shall be rated to withstand temperatures up to 180 degrees Fahrenheit. The Glasfloss Z-Line® Series ZL filters achieve a MERV 10 rating per the ANSI/ASHRAE 52.2 Test Standard.



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PRODUCT BULLETIN 6ZLINEZL · SECTION 6 · 9/25/25



Excellence in Air Filtration Since 1936
Employee-Owned & Operated

ZL Standard Size Filters

SIZE W x H x D NOMINAL	SIZE W x H x D EXACT	RATED VELOCITY FPM	INITIAL RESIST. IN. W.G.	MEDIA SQUARE FOOT	SIZE W x H x D NOMINAL MM	RATED VELOCITY M/H	INITIAL RESIST. PASCALS
10 x 10 x 1	9-1/2 x 9-1/2 x 7/8	300	.20	1.48	254 x 254 x 26	5490	49.8
10 x 20 x 1	9-1/2 x 19-1/2 x 7/8	300	.20	2.47	254 x 508 x 26	5490	49.8
10 x 24 x 1	9-1/2 x 23-1/2 x 7/8	300	.20	2.97	254 x 610 x 26	5490	49.8
10 x 30 x 1	9-5/8 x 29-5/8 x 7/8	300	.20	4.33	254 x 762 x 26	5490	49.8
12 x 12 x 1	11-1/2 x 11 1/2 x 7/8	300	.20	1.80	305 x 305 x 26	5490	49.8
12 x 20 x 1	11-1/2 x 19-1/2 x 7/8	300	.20	2.88	305 x 508 x 26	5490	49.8
12 x 24 x 1	11-3/8 x 23-3/8 x 7/8	300	.20	3.46	305 x 610 x 26	5490	49.8
12 x 25 x 1	11-1/2 x 24-1/2 x 7/8	300	.20	4.13	305 x 635 x 26	5490	49.8
12 x 30 x 1	11-5/8 x 29-1/2 x 7/8	300	.20	4.51	305 x 762 x 26	5490	49.8
14 x 14 x 1	13-1/2 x 13-1/2 x 7/8	300	.20	2.62	356 x 356 x 26	5490	49.8
14 x 20 x 1	13-1/2 x 19-1/2 x 7/8	300	.20	3.29	356 x 508 x 26	5490	49.8
14 x 24 x 1	13 1/2 x 23 1/2 x 7/8	300	.20	3.96	356 x 610 x 26	5490	49.8
14 x 25 x 1	13-1/2 x 24-1/2 x 7/8	300	.20	4.13	356 x 635 x 26	5490	49.8
14 x 30 x 1	13 5/8 x 29 5/8 x 7/8	300	.20	5.74	356 x 762 x 26	5490	49.8
15 x 20 x 1	14-1/2 x 19-1/2 x 7/8	300	.20	3.70	381 x 508 x 26	5490	49.8
15 x 30-5/8 x 1	14-5/8 x 30-1/4 x 7/8	300	.20	9.28	381 x 777 x 26	5490	49.8
16 x 16 x 1	15-1/2 x 15-1/2 x 7/8	300	.20	3.12	406 x 406 x 26	5490	49.8
16 x 20 x 1	15-1/2 x 19-1/2 x 7/8	300	.20	3.91	406 x 508 x 26	5490	49.8
16 x 24 x 1	15-1/2 x 23-1/2 x 7/8	300	.20	4.70	406 x 610 x 26	5490	49.8
16 x 25 x 1	15-1/2 x 24-1/2 x 7/8	300	.20	4.90	406 x 635 x 26	5490	49.8
16 x 30 x 1	15-5/8 x 29-5/8 x 7/8	300	.20	5.83	406 x 762 x 26	5490	49.8
18 x 18 x 1	17-1/2 x 17-1/2 x 7/8	300	.20	3.88	457 x 457 x 26	5490	49.8
18 x 20 x 1	17-1/2 x 19-1/2 x 7/8	300	.20	4.32	457 x 508 x 26	5490	49.8
18 x 24 x 1	17-1/2 x 23-1/2 x 7/8	300	.20	5.20	457 x 610 x 26	5490	49.8
18 x 25 x 1	17-1/2 x 24-1/2 x 7/8	300	.20	5.41	457 x 635 x 26	5490	49.8
18 x 30 x 1	17-5/8 x 29-5/8 x 7/8	300	.20	7.20	457 x 762 x 26	5490	49.8
20 x 20 x 1	19-1/2 x 19-1/2 x 7/8	300	.20	4.73	508 x 508 x 26	5490	49.8
20 x 22 x 1	19-1/2 x 21-7/8 x 7/8	300	.20	5.24	508 x 558 x 26	5490	49.8
20 x 24 x 1	19-3/8 x 23-3/8 x 7/8	300	.20	5.69	508 x 610 x 26	5490	49.8
20 x 25 x 1	19-1/2 x 24-1/2 x 7/8	300	.20	5.93	508 x 635 x 26	5490	49.8
20 x 30 x 1	19-5/8 x 29-5/8 x 7/8	300	.20	7.20	508 x 762 x 26	5490	49.8
22 x 22 x 1	21-1/2 x 21-1/2 x 7/8	300	.20	6.43	558 x 558 x 26	5490	49.8
24 x 24 x 1	23-3/8 x 23-3/8 x 7/8	300	.20	6.93	610 x 610 x 26	5490	49.8
24 x 30 x 1	23-5/8 x 29-5/8 x 7/8	300	.20	8.66	610 x 762 x 26	5490	49.8
25 x 25 x 1	24-1/2 x 24-1/2 x 7/8	300	.20	7.48	635 x 635 x 26	5490	49.8
10 x 20 x 2	9-1/2 x 19-1/2 x 1-3/4	500	.29	3.84	254 x 508 x 51	9150	72.2
12 x 12 x 2	11-1/2 x 11-1/2 x 1-3/4	500	.29	2.89	305 x 305 x 51	9150	72.2
12 x 20 x 2	11-1/2 x 19-1/2 x 1-3/4	500	.29	4.80	305 x 508 x 51	9150	72.2
12 x 24 x 2	11-3/8 x 23-3/8 x 1-3/4	500	.29	5.77	305 x 610 x 51	9150	72.2
14 x 20 x 2	13-1/2 x 19-1/2 x 1-3/4	500	.29	5.76	356 x 508 x 51	9150	72.2
14 x 25 x 2	13-1/2 x 24-1/2 x 1-3/4	500	.29	7.22	356 x 635 x 51	9150	72.2
15 x 20 x 2	14-1/2 x 19-1/2 x 1-3/4	500	.29	6.24	381 x 508 x 51	9150	72.2
16 x 16 x 2	15-1/2 x 15-1/2 x 1-3/4	500	.29	4.98	406 x 406 x 51	9150	72.2
16 x 20 x 2	15-1/2 x 19-1/2 x 1-3/4	500	.29	6.24	406 x 508 x 51	9150	72.2
16 x 24 x 2	15-1/2 x 23-1/2 x 1-3/4	500	.29	7.50	406 x 610 x 51	9150	72.2
16 x 25 x 2	15-1/2 x 24-1/2 x 1-3/4	500	.29	7.82	406 x 635 x 51	9150	72.2
18 x 18 x 2	17-1/2 x 17-1/2 x 1-3/4	500	.29	6.47	457 x 457 x 51	9150	72.2
18 x 20 x 2	17-1/2 x 19-1/2 x 1-3/4	500	.29	7.20	457 x 508 x 51	9150	72.2
18 x 24 x 2	17-1/2 x 23-1/2 x 1-3/4	500	.29	8.66	457 x 610 x 51	9150	72.2
18 x 25 x 2	17-1/2 x 24-1/2 x 1-3/4	500	.29	9.02	457 x 635 x 51	9150	72.2
20 x 20 x 2	19-1/2 x 19-1/2 x 1-3/4	500	.29	8.16	508 x 508 x 51	9150	72.2
20 x 24 x 2	19-3/8 x 23-3/8 x 1-3/4	500	.29	9.81	508 x 610 x 51	9150	72.2
20 x 25 x 2	19-1/2 x 24-1/2 x 1-3/4	500	.29	10.23	508 x 635 x 51	9150	72.2
20 x 30 x 2	19-5/8 x 29-5/8 x 1-3/4	500	.29	12.00	508 x 762 x 51	9150	72.2
24 x 24 x 2	23-3/8 x 23-3/8 x 1-3/4	500	.29	11.55	610 x 610 x 51	9150	72.2
25 x 25 x 2	24-1/2 x 24-1/2 x 1-3/4	500	.29	12.63	635 x 635 x 51	9150	72.2

Tolerances shall be +/- 1/8" for height, width and +/- 1/16" for depth. Recommended final resistance is 1.00" w.g.
All special sizes will be undersized by 1/8" unless specified otherwise.

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12 x 24 x 4	11-3/8 x 23-3/8 x 3-3/4	500	.24	11.13	457 x 610 x 102	9150	59.7
16 x 20 x 4	15-1/2 x 19-1/2 x 3-3/4	500	.24	12.34	406 x 508 x 102	9150	59.7
16 x 24 x 4	15-1/2 x 23-1/2 x 3-3/4	500	.24	14.84	406 x 610 x 102	9150	59.7
16 x 25 x 4	15-1/2 x 24-1/2 x 3-3/4	500	.24	15.47	406 x 635 x 102	9150	59.7
18 x 24 x 4	17-1/2 x 23-1/2 x 3-3/4	500	.24	17.32	457 x 610 x 102	9150	59.7
20 x 20 x 4	19-1/2 x 19-1/2 x 3-3/4	500	.24	15.43	508 x 508 x 102	9150	59.7
20 x 24 x 4	19-3/8 x 23-3/8 x 3-3/4	500	.24	18.55	508 x 610 x 102	9150	59.7

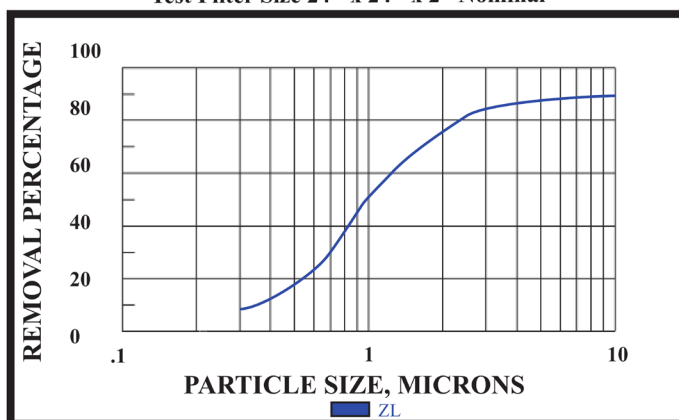
Tolerances shall be +/- 1/8" for height, width and +/- 1/16" for depth. Recommended final resistance is 1.00" w.g.
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Pleats Per Lineal Foot	
DEPTH	ZL
1"	14
2"	10
4"	9

Media Area to Face Area Ratio	
DEPTH	ZL
1"	1.73
2"	2.88
4"	5.56

MINIMUM PARTICLE SIZE EFFICIENCY

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



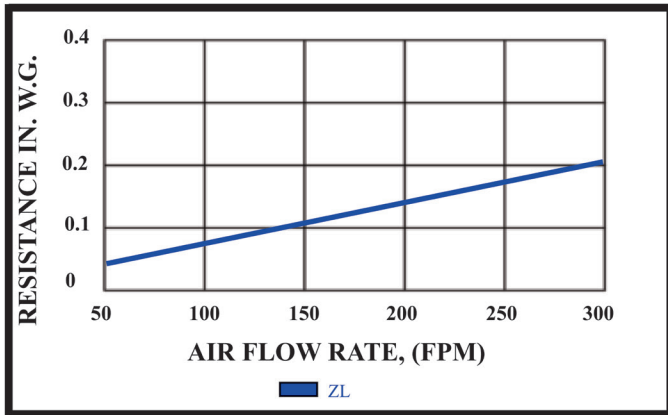
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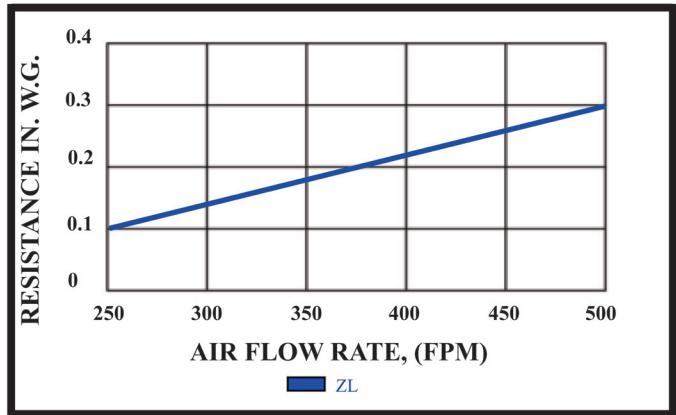
STANDARD PRESSURE DROP

Test Filter Size 24" x 24" x 1" Nominal



STANDARD PRESSURE DROP

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



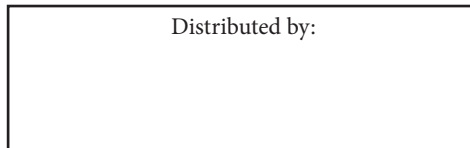
Glasfloss Industries incorporates color-coded carton labels on standard sizes to help identify the product which enhances warehouse operations and shipments.



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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