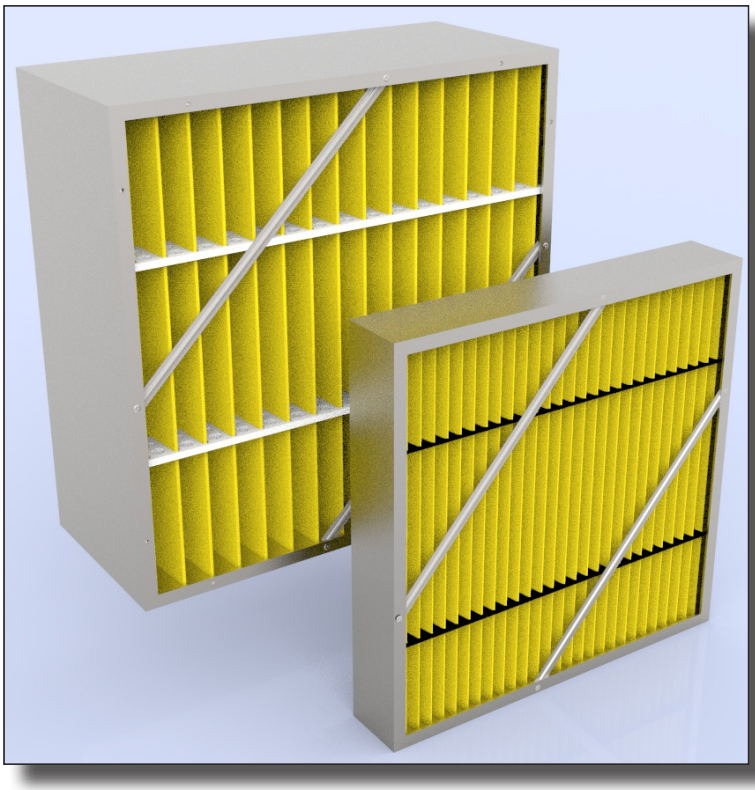
Glasfloss®
Excellence in Air Filtration Since 1936
Employee-Owned & Operated

Glasfloss Industries 90th Anniversary 1936–2026

Z-PAK® HC SERIES
High Capacity Rigid Cell



Product Highlights

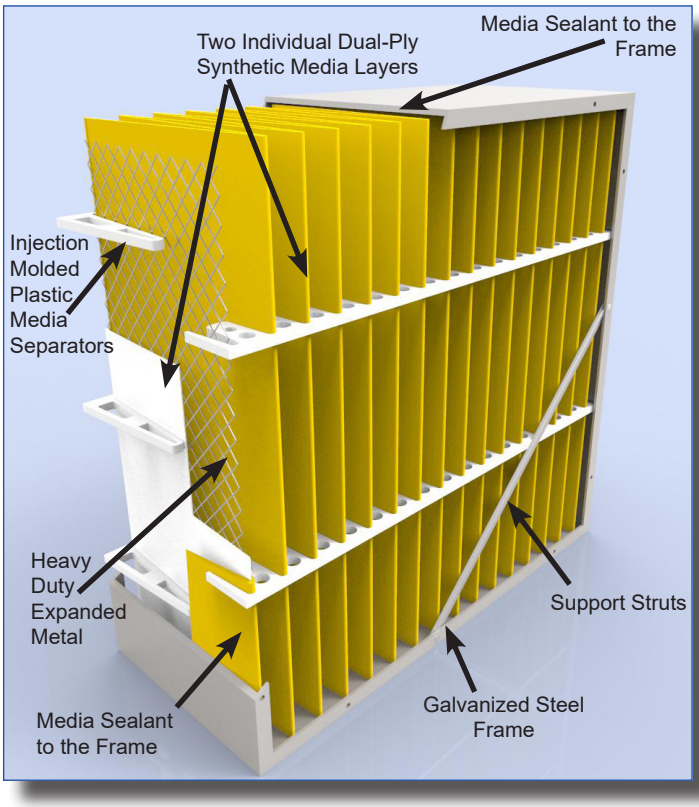
- Low Pressure Drop and Superior Service Life
- Two Individual Dual Ply Synthetic Media Layers
- Injection Molded Pleat Separators
- Header or Box Styles
- High Dust Holding Capacity
- Ideal for VAV Systems

Features

Glasfloss® Z-Pak® HC air filters are designed for high efficiency applications and feature very low pressure drop, two individual filtration media layers and superior service life. The Z-Pak® HC's total rigid construction makes it ideal for variable air volume systems (VAV), where changes in air flow can have an adverse effect on non-rigid type filters. Z-Pak® HC filters are designed to handle high airflow and are available in MERV 14 performance.

Specifications

The Glasfloss® Z-Pak® HC Series frame shall be a rigid construction of 26 gauge galvanized steel. A heavy gauge galvanized steel header is optional for the Z-Pak® HC Series. The two distinct filtration media layers shall be a high density synthetic fiber blend. The filter media pack shall be constructed by pleating continuous sheets of media into uniform spaced pleats, which are separated and secured by flame retardant, injection molded plastic media separators. Heavy duty expanded metal shall be bonded and secured between the two layers of media. The heavy duty expanded metal shall be galvanized to resist rust and corrosion. The air entry and air exit side shall be fitted with two 26 gauge support struts. The pleated media ends are sealed and secured to the top and bottom of the metal frame to prevent air bypass. Gasket material, 3/4" in width and 1/4" in thickness, is optional. Glasfloss® Z-Pak® HC series filters shall be rated to withstand temperatures up to 180 degrees Fahrenheit. Glasfloss® Z-Pak® HC filters shall be Classified under U.L. std. 900.



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Z-PAK® HC SYNTHETIC SERIES

BASE MODEL NUMBER	SIZE W x H x D NOMINAL	SIZE W x H x D EXACT	RATED VEL. FPM	INITIAL RESIST. IN. W.G.		FINAL RESIST. IN. W.G.	MEDIA SQUARE FOOTAGE	
				BOX	HEADER		BOX	HEADER
ZPS242412	24 X 24 X 12	23-3/8 X 23-3/8 X 11-1/2	500	0.28	0.35	1.50	58.33	52.50
ZPS122412	12 X 24 X 12	11-3/8 X 23-3/8 X 11-1/2	500	0.28	0.35	1.50	29.17	26.25
ZPS202412	20 X 24 X 12	19-3/8 X 23-3/8 X 11-1/2	500	0.28	0.35	1.50	47.40	42.66
ZPS24246	24 X 24 X 6	23-3/8 X 23-3/8 X 5-7/8	250	0.24	0.29	1.50	26.39	23.75
ZPS12246	12 X 24 X 6	11-3/8 X 23-3/8 X 5-7/8	250	0.24	0.29	1.50	13.20	11.88
ZPS20246	20 X 24 X 6	19-3/8 X 23-3/8 X 5-7/8	250	0.24	0.29	1.50	21.45	19.30
ZPS24244	24 X 24 X 4	23-3/8 X 23-3/8 X 3-3/4	250	0.23	0.28	1.50	38.91	35.10
ZPS12244	12 X 24 X 4	11-3/8 X 23-3/8 X 3-3/4	250	0.23	0.28	1.50	18.95	17.15
ZPS20244	20 X 24 X 4	19-3/8 X 23-3/8 X 3-3/4	250	0.23	0.28	1.50	32.29	29.06

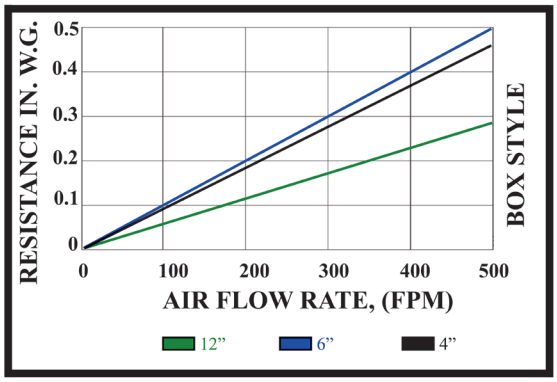
Tolerances shall be +/- 1/16" for width and height. The frame depth shall not exceed 11-1/2", 5-7/8" and 3-3/4". Header thickness shall be 13/16". Performance values based on ASHRAE and in-house testing methods.

PART NUMBER CONFIGURATION

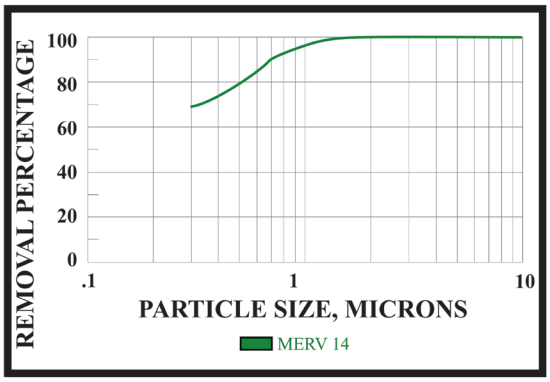
PREFIX	MEDIA	FILTER SIZE	EFFICIENCY	FRAME STYLE	GASKET LOCATION			SUFFIX
					O = No Gasket			
ZP	S = Synthetic	NUMERICAL FILTER SIZE i.e. 242412	95 = MERV 14	B = Box H = Header DH = Double Header	BOX STYLE A = Air Exit B = Air Entry C = Air Entry/Exit D = Side Load	SINGLE HEADER E = Air Entry/Exit F = Air Entry H = Air Exit J = Side Load (2) S = Side Load (1)	DOUBLE HEADER K = Air Entry/Exit M = Air Entry P = Air Exit Q = Side Load	HC

Example: Synthetic, 24 x 24 x 12, 95%, box frame, gasket on air exit - PART NUMBER = "ZPS24241295BAHC"

STANDARD PRESSURE DROP
Test Filter Size 24" x 24" x 12" Nominal



MINIMUM PARTICLE SIZE EFFICIENCY
Test Filter Size 24" x 24" x 12" Nominal



NAFA National Air Filtration Association

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