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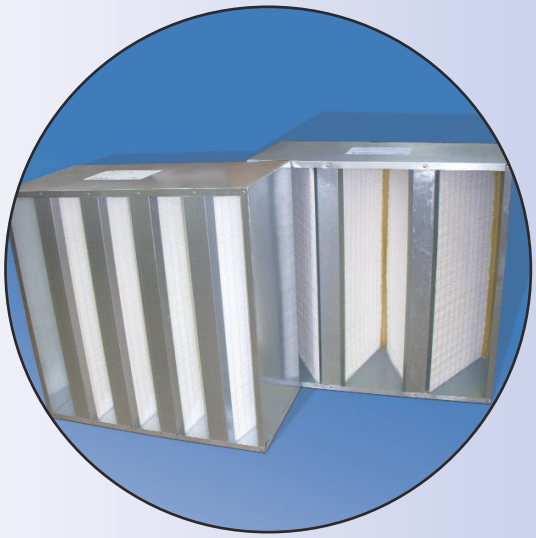
THE CLEAR CHOICE SINCE 1936



PURACELL V & VX

Mini-Pleat Series

- V Series Features 8-Pack Construction
- VX Series Features 4-Pack Construction
- Compact Design For Maximum Air Flow
- High Efficiency Microfiber
- Low Resistance = Energy Savings
- Moisture Resistant Construction

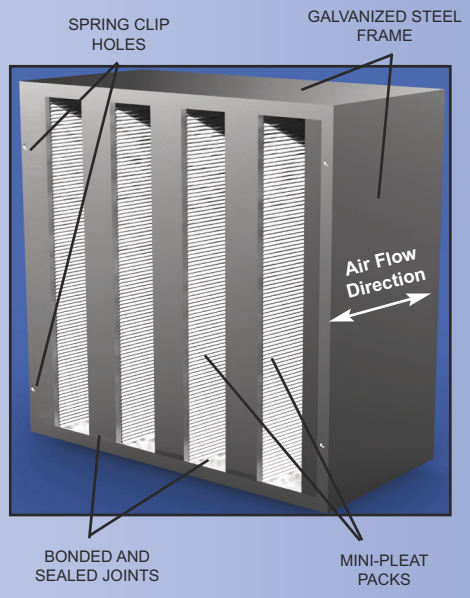
FEATURES >

The unique design of the Glasfloss Puracell V & VX Mini-Pleat filter offers high efficiency particulate removal, extended service life and extremely low resistance to air flow. The combination of these key features offers higher performance and lower operating costs than traditional rigid cell and box style filters. The Puracell V & VX Series is available in box or header style, in MERV 11, MERV 13, MERV 14 and MERV 15 efficiencies. The Puracell V Series is also available in MERV 16 and 99.97% HEPA Grade efficiencies.

< SPECIFICATIONS

The Puracell V & VX shall utilize multiple mini-pleat media packs which allow low resistance to air flow and long service life. The media shall be water resistant, inorganic, wet laid glass microfiber. The Puracell V & VX media packs are constructed by pleating a continuous sheet of media. The pleats are separated by a uniform glue bead that produces low pressure drop while maximizing the filtration area. The media packs are resistant to moisture and do not support the growth of bacteria and mold. The media packs are completely sealed and bonded within the heavy-duty 26 gauge galvanized steel frame. An optional peripheral header design is available. The air entering side of the Puracell V & VX filter frame shall incorporate four holes to insert spring clips from a holding frame device. The filters shall be rated to withstand temperatures up to 180 degrees Fahrenheit. Recommended final resistance for Puracell V is 2.0", and for VX filters is 1.5" w.g.

Efficiency	60-65%	80-85%	90-95%	98%	-	99.97%
MERV	11	13	14	15	16	-



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Puracell V/VX

BASE 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 NOM. MM
				V	VX	V	VX	
MERV 11 - 60-65% EFFICIENCY								
2424B1	24 x 24 x 12	23-3/8" x 23-3/8" x 11-1/2"	500	.23	.36	211.23	113.00	610 x 610 x 305
2024B1	20 x 24 x 12	19-3/8" x 23-3/8" x 11-1/2"	500	.23	.36	158.42	84.75	508 x 610 x 305
2020B1	20 x 20 x 12	19-3/8" x 19-3/8" x 11-1/2"	500	.23	.36	131.88	70.55	508 x 508 x 305
1824B1	18 x 24 x 12	17-3/8" x 23-3/8" x 11-1/2"	500	.23	.36	158.42	84.75	457 x 610 x 305
1224B1	12 x 24 x 12	11-3/8" x 23-3/8" x 11-1/2"	500	.23	.36	105.61	56.50	305 x 610 x 305
MERV 13 - 80-85% EFFICIENCY								
2424B2	24 x 24 x 12	23-3/8" x 23-3/8" x 11-1/2"	500	.26	.40	211.23	113.00	610 x 610 x 305
2024B2	20 x 24 x 12	19-3/8" x 23-3/8" x 11-1/2"	500	.26	.40	158.42	84.75	508 x 610 x 305
2020B2	20 x 20 x 12	19-3/8" x 19-3/8" x 11-1/2"	500	.26	.40	131.88	70.55	508 x 508 x 305
1824B2	18 x 24 x 12	17-3/8" x 23-3/8" x 11-1/2"	500	.26	.40	158.42	84.75	457 x 610 x 305
1224B2	12 x 24 x 12	11-3/8" x 23-3/8" x 11-1/2"	500	.26	.40	105.61	56.50	305 x 610 x 305
MERV 14 - 90-95% EFFICIENCY								
2424B3	24 x 24 x 12	23-3/8" x 23-3/8" x 11-1/2"	500	.30	.45	211.23	113.00	610 x 610 x 305
2024B3	20 x 24 x 12	19-3/8" x 23-3/8" x 11-1/2"	500	.30	.45	158.42	84.75	508 x 610 x 305
2020B3	20 x 20 x 12	19-3/8" x 19-3/8" x 11-1/2"	500	.30	.45	131.88	70.55	508 x 508 x 305
1824B3	18 x 24 x 12	17-3/8" x 23-3/8" x 11-1/2"	500	.30	.45	158.42	84.75	457 x 610 x 305
1224B3	12 x 24 x 12	11-3/8" x 23-3/8" x 11-1/2"	500	.30	.45	105.61	56.50	305 x 610 x 305
MERV 15 - 98% EFFICIENCY								
2424B9	24 x 24 x 12	23-3/8" x 23-3/8" x 11-1/2"	500	.32	.47	211.23	113.00	610 x 610 x 305
2024B9	20 x 24 x 12	19-3/8" x 23-3/8" x 11-1/2"	500	.32	.47	158.42	84.75	508 x 610 x 305
2020B9	20 x 20 x 12	19-3/8" x 19-3/8" x 11-1/2"	500	.32	.47	131.88	70.55	508 x 508 x 305
1824B9	18 x 24 x 12	17-3/8" x 23-3/8" x 11-1/2"	500	.32	.47	158.42	84.75	457 x 610 x 305
1224B9	12 x 24 x 12	11-3/8" x 23-3/8" x 11-1/2"	500	.32	.47	105.61	56.50	305 x 610 x 305
MERV 16 - 95% @ .3 microns								
* 23F23FB4	24 x 24 x 12	23-3/8" x 23-3/8" x 11-1/2"	500	.45	-	211.23	-	610 x 610 x 305
* 19F23FB4	20 x 24 x 12	19-3/8" x 23-3/8" x 11-1/2"	500	.45	-	158.42	-	508 x 610 x 305
* 19F19FB4	20 x 20 x 12	19-3/8" x 19-3/8" x 11-1/2"	500	.45	-	131.88	-	508 x 508 x 305
* 17F23FB4	18 x 24 x 12	17-3/8" x 23-3/8" x 11-1/2"	500	.45	-	158.42	-	457 x 610 x 305
* 11F23FB4	12 x 24 x 12	11-3/8" x 23-3/8" x 11-1/2"	500	.45	-	105.61	-	305 x 610 x 305
99.97% @ .3 microns								
* 23F23FB5	24 x 24 x 12	23-3/8" x 23-3/8" x 11-1/2"	275	.95	-	211.23	-	610 x 610 x 305
* 19F23FB5	20 x 24 x 12	19-3/8" x 23-3/8" x 11-1/2"	275	.95	-	158.42	-	508 x 610 x 305
* 19F19FB5	20 x 20 x 12	19-3/8" x 19-3/8" x 11-1/2"	275	.95	-	131.88	-	508 x 508 x 305
* 17F23FB5	18 x 24 x 12	17-3/8" x 23-3/8" x 11-1/2"	275	.95	-	158.42	-	457 x 610 x 305
* 11F23FB5	12 x 24 x 12	11-3/8" x 23-3/8" x 11-1/2"	275	.95	-	105.61	-	305 x 610 x 305

Tolerances shall be +/- 1/16" for height, width and depth. The frame depth shall not exceed 11-1/2". Performance values based on ASHRAE and in-house testing methods.
Recommended final resistance: V=2.0", VX=1.5"
* These models are available in both full and exact sizes.

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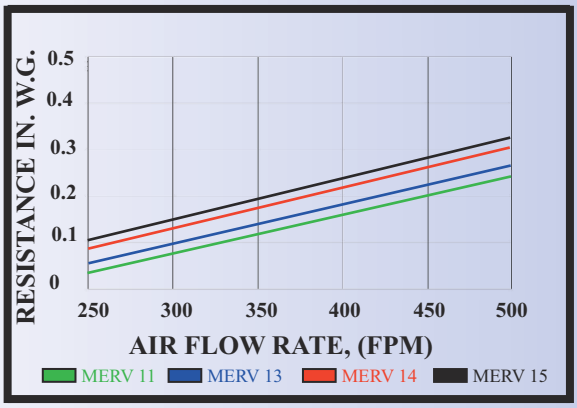
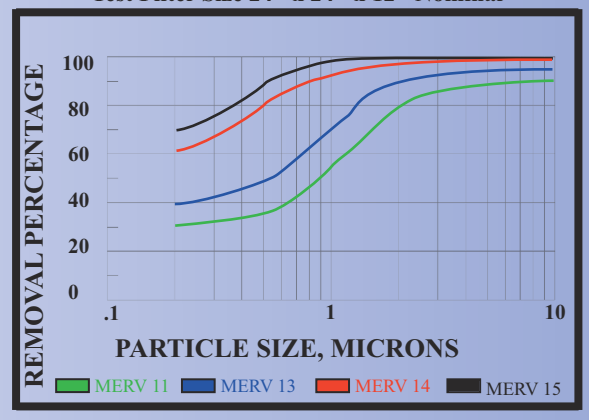
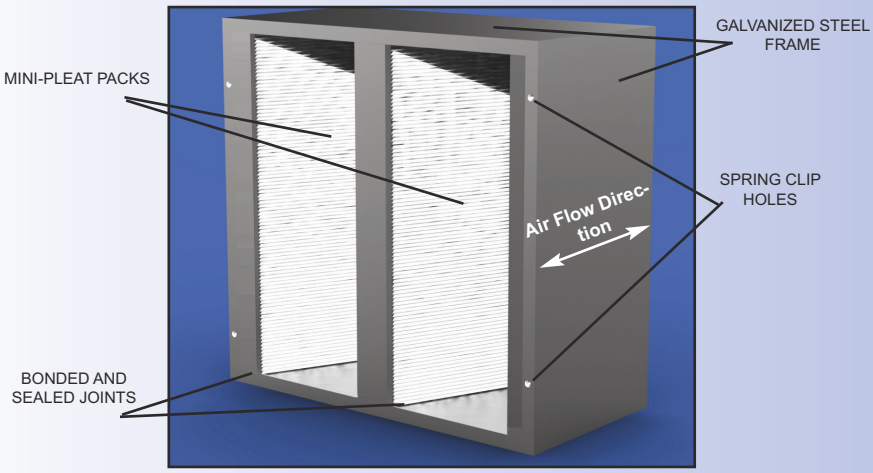
PURACELL V
STANDARD PRESSURE DROP
Test Filter Size 24" x 24" x 12" Nominal



PURACELL V/VX
MINIMUM PARTICLE SIZE EFFICIENCY
Test Filter Size 24" x 24" x 12" Nominal

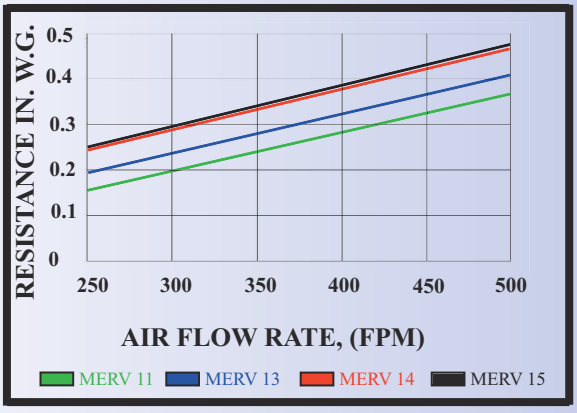




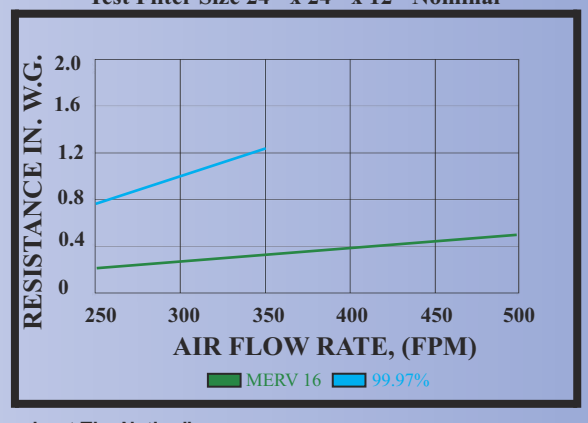
Puracell VX Filter

Pre-filter easily attached with clips for front-load applications

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



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



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Glasfloss has a policy of uninterrupted research, development and product improvement and reserves the right to change design and specifications with out notice.

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Energy Savings & Environmental Impact Comparison

	Glasfloss Puracell V	Traditional Rigid Cell
MERV Rating	14	14
Initial Resistance (in. w.g)	0.30	0.68
*Recommended Final Resistance (in. w.g.)	2.0	1.5
**Fan/Motor/Drive Efficiency (%)	58.00%	58.00%
***Energy Consumption (kWh)	2613	3876
Annual CO2 Emissions (lbs)	3533	5240
Annual Energy Cost ($.08/kWh)	**$209.00**	**$310.00**

* V pressure drop estimated at 1.17 in. w.g. after 12 months
** Fan/Motor/Drive Efficiency estimated & averaged at 58%
*** Kilowatt cost estimated at $.08/kWh

Glasfloss Puracell V = $101.00
energy savings per filter or annually
32.6% savings per this comparison.

PART NUMBER CONFIGURATION FOR V & VX

PREFIX ☐
PUV = V
PUVX = VX

FRAME STYLE ☐
B = Box
H = Header

BASE PART NUMBER ☐
SELECT THE BASE PART NUMBER FOR DESIRED SIZE AND EFFICIENCY

GASKET LOCATION ** ☐
O= NO GASKET

BOX STYLE
A = AIR EXIT (4)
B = AIR ENTRY (4)
C = AIR EXIT/ENTRY (8)
D = SIDE LOAD (2)

SINGLE HEADER
E = AIR EXIT/ENTRY (8)
F= AIR ENTRY (4)
H = AIR EXIT (4)
J = SIDE LOAD (2)
S = SIDE LOAD (1)

To ensure that Puracell V and VX filters are fabricated to meet job requirements, order by the exact Part Number.
Example: 24 x 24 x 12 MERV 14, Puracell VX, Box Style, no gasket. Part number = "PUVXB2424B3O".

MADE IN U. S. A.

Distributed by:

NAFA National Air Filtration Association