

## Product Highlights

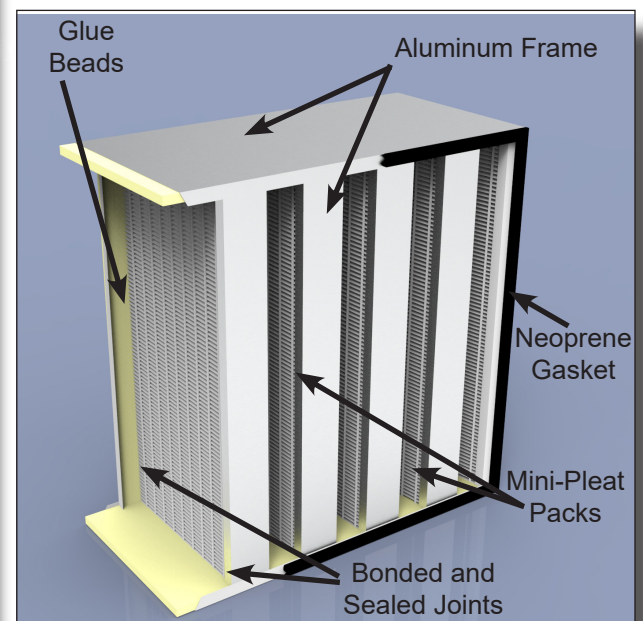
- High Capacity HEPA Performance
- 5V Features 10-Pack Construction
- Low Pressure Drop & Lower Operating Costs
- Chemical Resistant Aluminum Frame
- Moisture Resistant Construction

## Features

The Glasfloss Puracell 5V mini-pleat series offers HEPA grade performance, extremely low resistance to air flow and extended service life. The combination of incorporating 10 filtration packs of high efficiency media provides lower operating costs than traditional rigid cell filters. The chemical resistant aluminum framework provides exceptional strength. The Puracell 5V mini-pleat series provides MERV 16 performance or 99.99% performance @ .30 micron and are available in exact and nominal standard sizes.

## Specifications

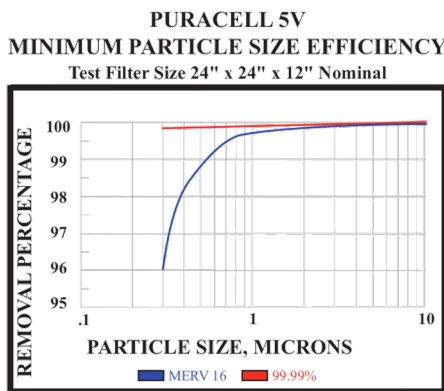
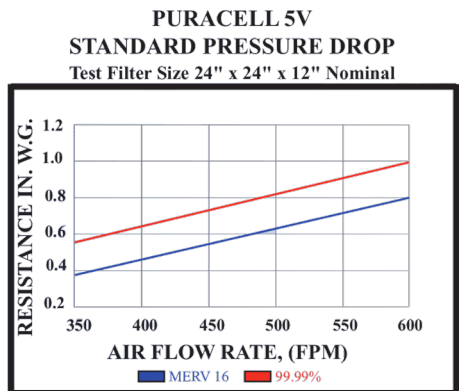
The Puracell 5V shall utilize mini-pleat packs which allow low resistance to air flow and long service life. The media shall be water resistant, inorganic, wet laid microfiber. The Puracell 5V media packs are constructed by pleating a continuous sheet of media. The pleats are separated by a uniform glue bead that maximizes the filtration area and produces low pressure drop. The media packs are resistant to moisture and do not support the growth of bacteria and mold. The media packs are completely sealed using a fire-retarding, rubber base, two-part sealant within the aluminum framework. A neoprene gasket is standard on one side for MERV 16 and 99.99% Puracell 5V. Puracell 5V 99.99% filters are tested for leaks based on a near-monodispersed .30 micron size particle. The filters shall be rated to withstand temperatures up to 180 degrees Fahrenheit. Recommended final pressure drop for the Puracell 5V is 2.0" w.g.



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Puracell® VP-5V						
BASE MODEL NUMBER	SIZE H x W x D NOMINAL (IN.)	SIZE H x W x D EXACT (IN.)	RATED VELOCITY FPM	INITIAL RESIST. IN W.G.	MEDIA SQUARE FEET	SIZE H x W x D NOMINAL (MM)
<b>MERV 16</b>						
Exact Size						
2424B4	24 x 24 x 12	24 x 24 x 11-1/2	600	0.80	401.19	610 x 610 x 305
2420B4	24 x 20 x 12	24 x 20 x 11-1/2	600	0.80	320.95	610 x 508 x 305
2412B4	24 x 12 x 12	24 x 12 x 11-1/2	600	0.80	200.59	610 x 305 x 305
Undersized						
23F23FB4	24 x 24 x 12	23-3/8 x 23-3/8 x 11-1/2	600	0.80	389.99	610 x 610 x 305
23F19FB4	24 x 20 x 12	23-3/8 x 19-3/8 x 11-1/2	600	0.80	311.99	610 x 508 x 305
23F11FB4	24 x 12 x 12	23-3/8 x 11-3/8 x 11-1/2	600	0.80	194.99	610 x 305 x 305
<b>99.99%</b>						
Exact Size						
2424B6	24 x 24 x 12	24 x 24 x 11-1/2	600	1.00	401.19	610 x 610 x 305
2420B6	24 x 20 x 12	24 x 20 x 11-1/2	600	1.00	320.95	610 x 508 x 305
2412B6	24 x 12 x 12	24 x 12 x 11-1/2	600	1.00	200.59	610 x 305 x 305
Undersized						
23F23FB6	24 x 24 x 12	23-3/8 x 23-3/8 x 11-1/2	600	1.00	389.99	610 x 610 x 305
23F19FB6	24 x 20 x 12	23-3/8 x 19-3/8 x 11-1/2	600	1.00	311.99	610 x 508 x 305
23F11FB6	24 x 12 x 12	23-3/8 x 11-3/8 x 11-1/2	600	1.00	194.99	610 x 305 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: Puracell 5V @ 2.0"



### PART NUMBER CONFIGURATION FOR PURACELL® 5V

PREFIX	FRAME STYLE	BASE PART NUMBER	GASKET LOCATION
PUV5	B = Box Style	Select the Base Part Number for Desired Size and Efficiency	O = No Gasket <b>BOX STYLE</b> A = Air Exit (4) B = Air Entry (4) C = Air Exit/Entry (8) D = Side Load (2)

To ensure that Puracell® 5V filters are fabricated to meet job requirements, order by the exact Part Number.  
Example: 24 x 24 x 12 MERV 16, box style, no gasket. Part number = "PUV52424B4O".



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