

PURACELL 5V
Mini-Pleat Series

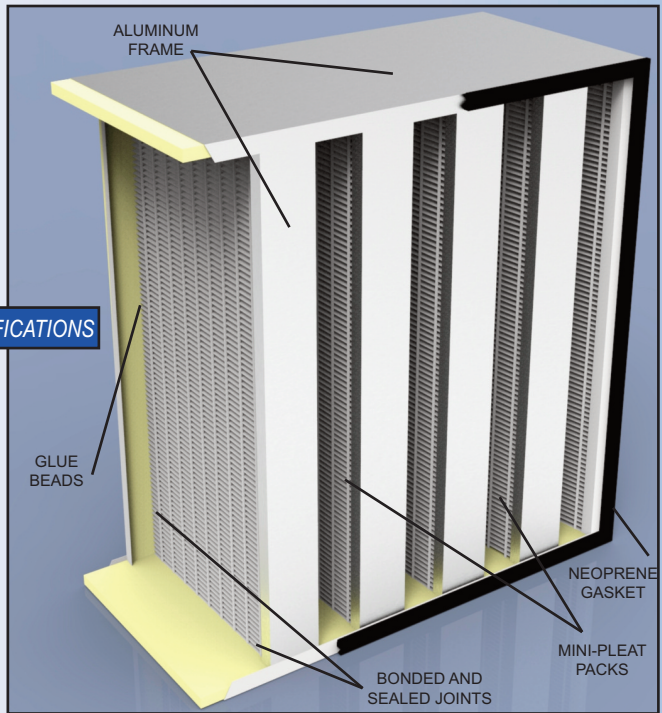
- High Capacity HEPA Grade Performance
- Low Pressure Drop & Lower Operating Costs
- Chemical Resistant Aluminum Frame
- Moisture Resistant Construction

FEATURES >

The Glasfloss Puracell 5V mini-pleat series offers HEPA grade performance, extremely low resistance to air flow and extended service life. The chemical resistant aluminum framework provides exceptional strength. The Glasfloss Puracell 5V mini-pleat series are produced in MERV 16 and 99.99% @ .30 micron size performance ranges and are available in exact or nominal standard sizes.

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.

< **SPECIFICATIONS**



"Serving You With Locations Throughout The Nation"

Glasfloss has a policy of uninterrupted research, development and product improvement and reserves the right to change design and specifications without notice.

www.glasfloss.com • (214) 741-7056

PRODUCT BULLETIN 12 PURV • SECTION 12 • 3-1-21

Puracell 5V

| BASE MODEL NUMBER | SIZE H x W x D NOMINAL (INCHES) | SIZE H x W x D EXACT (INCHES) | RATED VELOCITY FPM | INITIAL RESIST. IN. W.G | MEDIA SQUARE FEET | SIZE H x W x D NOM. MM |
|-------------------|---------------------------------|-------------------------------|--------------------|-------------------------|-------------------|------------------------|
|-------------------|---------------------------------|-------------------------------|--------------------|-------------------------|-------------------|------------------------|

MERV 16 EXACT SIZE

| | | | | | | |
|--------|--------------|------------------|-----|-----|--------|-----------------|
| 2424B4 | 24 x 24 x 12 | 24 x 24 x 11-1/2 | 600 | .80 | 401.19 | 610 x 610 x 305 |
| 2420B4 | 24 x 20 x 12 | 24 x 20 x 11-1/2 | 600 | .80 | 320.95 | 610 x 508 x 305 |
| 2412B4 | 24 x 12 x 12 | 24 x 12 x 11-1/2 | 600 | .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 | .80 | 389.99 | 594 x 594 x 305 |
| 23F19FB4 | 24 x 20 x 12 | 23-3/8 x 19-3/8 x 11-1/2 | 600 | .80 | 311.99 | 594 x 492 x 305 |
| 23F11FB4 | 24 x 12 x 12 | 23-3/8 x 11-3/8 x 11-1/2 | 600 | .80 | 194.99 | 594 x 289 x 305 |

99.99%

EXACT SIZE

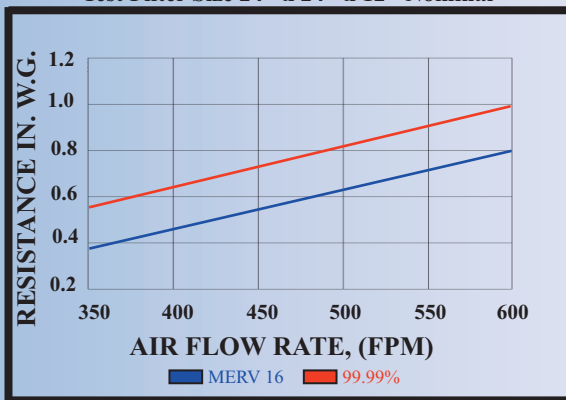
| | | | | | | |
|--------|--------------|------------------|-----|------|--------|-----------------|
| 2424B6 | 24 x 24 x 12 | 24 x 24 x 11-1/2 | 600 | 1.00 | 401.19 | 610 x 610 x 305 |
| 2420B6 | 24 x 20 x 12 | 24 x 20 x 11-1/2 | 600 | 1.00 | 320.95 | 610 x 508 x 305 |
| 2412B6 | 24 x 12 x 12 | 24 x 12 x 11-1/2 | 600 | 1.00 | 200.59 | 610 x 305 x 305 |

UNDERSIZED

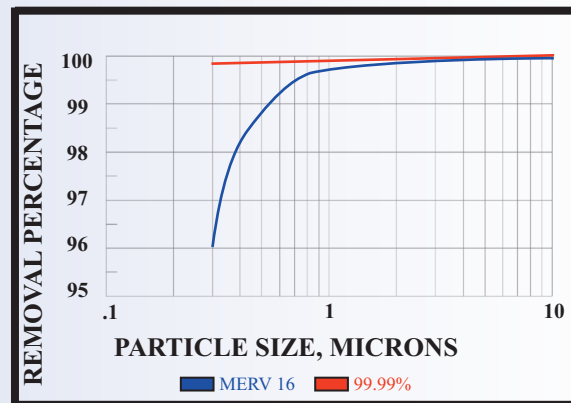
| | | | | | | |
|----------|--------------|--------------------------|-----|------|--------|-----------------|
| 23F23FB6 | 24 x 24 x 12 | 23-3/8 x 23-3/8 x 11-1/2 | 600 | 1.00 | 389.99 | 594 x 594 x 305 |
| 23F19FB6 | 24 x 20 x 12 | 23-3/8 x 19-3/8 x 11-1/2 | 600 | 1.00 | 311.99 | 594 x 492 x 305 |
| 23F11FB6 | 24 x 12 x 12 | 23-3/8 x 11-3/8 x 11-1/2 | 600 | 1.00 | 194.99 | 594 x 289 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"

PURACELL 5V STANDARD PRESSURE DROP Test Filter Size 24" x 24" x 12" Nominal



PURACELL 5V MINIMUM PARTICLE SIZE EFFICIENCY Test Filter Size 24" x 24" x 12" Nominal



PART NUMBER CONFIGURATION FOR PURACELL 5V

| PREFIX | FRAME STYLE | BASE PART NUMBER | GASKET LOCATION |
|-----------------------------------|--|--|---|
| <input type="text" value="PUV5"/> | <input type="text" value="B = Box Style"/> | <input type="text" value="Select The Base Part Number For Desired Size And Efficiency"/> | <input type="text" value="O= NO GASKET"/> |
| | | | BOX STYLE |
| | | | A = AIR EXIT (4) |
| | | | B = AIR ENTRY (4) |
| | | | C = AIR EXIT/ENTRY (8) |
| | | | D = SIDE LOAD (2) |

MADE IN

U. S. A.



"Serving You With Locations Throughout The Nation"