

# Parker Pur Ag<sup>®</sup> V-Bank Filter

12" Deep, MERV 15  
Pathogen Barrier Final Filter



## Advanced Filtration Technology for the Prevention of Airborne Diseases in Agricultural Environments

Investing in a high-quality filtration system for your swine or poultry facility can help prevent catastrophic losses to your animal population... and to your business. By installing Parker's high-quality pathogen barrier filters, you can trap airborne viruses before they enter your facility. Farmers are bracing for the possible spread of African swine fever to the U.S., Canada and Mexico markets while also facing the ever-present risk of PRRS, PED, influenza, foot-and-mouth disease, Aujeszky's, M-hyo, infectious coryza, avian influenza, Newcastle disease, and bronchitis. It is more important than ever to trap airborne viruses and the dust particles they travel on before they enter your livestock facilities.

### Applications:

- Evaporating cooling systems
- Cool cell wall
- Attic filtration
- Eave filtration

### Contact Information:

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### Product Features and Benefits:

- Factory installed upstream/downstream gasketing ensures no viral particulate will bypass around the filter
- Media pack is fully sealed around the perimeter into the frame eliminating air bypass
- Filter frame is designed with mechanical locking components to ensure durability during handling and product life
- V-Bank filter design offers energy savings with high air flow at low resistance
- Lightweight construction allows for easy handling, installation and replacement into filter housings and grid systems
- MERV 15 rated, high efficiency, durable, dual-layer microglass filtration media with heavy duty binders
- Mechanical filtration performance as tested per ISO 16890 IPA conditioning method
- All-plastic construction fully incinerable

ENGINEERING YOUR SUCCESS.

# Pur Ag<sup>®</sup> V-Bank Filters

Reduce risk and improve the air quality at your facility

Parker HVAC offers complete air filtration solutions that meet the tough demands of agricultural facilities. Ask about our pre-filters, frames, and housings to protect the air quality – and ultimately – your animals from disease-causing viruses.



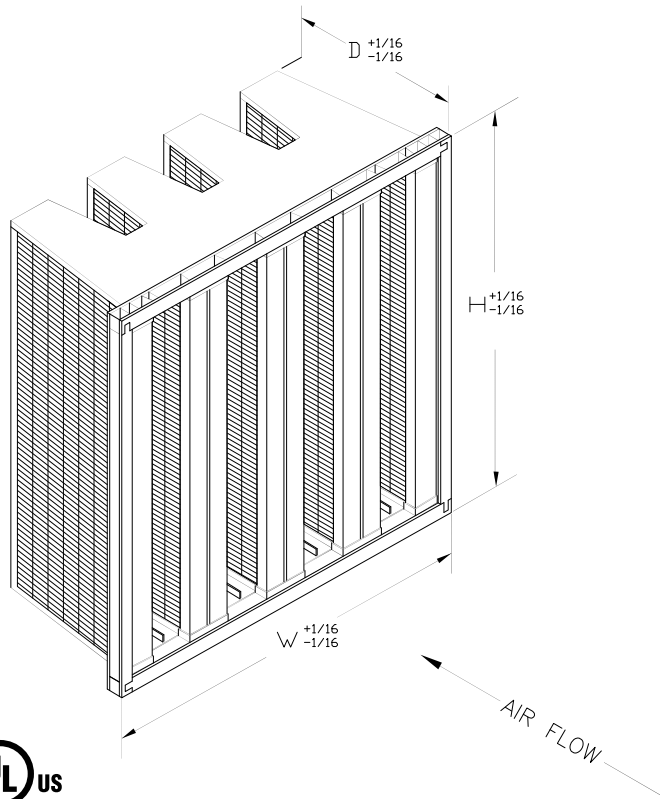
## Specifications

The Parker V-Bank filter installs easily into the filter grid frame, eave housings, attic housings, or metal filter frame and is available in two standard compatible sizes.

Model Number	Nominal Size (W x H x D) Inches	Actual Size (W x H x D) Inches	Initial Rated Air Flow @ 0.10" W.G. (CFM)	Initial Airflow @ 0.20" W.G. (CFM)	Reduction Performance	Media Area (Square Feet)
VPP-AG-G-M1504-H-UD	24 x 24 x 12	23-3/8 x 23-3/8 x 11-1/2	814	1240	MERV 15	194
VPP-AG-G-M1513-H-UD	20 x 24 x 12	19-3/8 x 23-3/8 x 11-1/2	678	1032	MERV 15	162

	Airflow with pre-filter installed at pressure (in inches W.G)				
Log 9 / MERV 15 Pathogen Barrier	0.10	0.15	0.20	0.25	0.30
24 x 24 with 2" Pre-filter	719	899	1074	1175	1293
20 x 24 with 2" Pre-filter	599	749	895	979	1078

## Dimensional Drawings



Materials of Construction	
Media	High-efficiency, dual-layer microglass paper media with heavy-duty acrylic resin binder
Pleats	Mini-pleat bead separator packs
Frame	High-impact plastic end panels, high-impact plastic strut supports
Sealant	Urethane in vertical struts and in end panels
Gaskets	1/4" x 3/4" neoprene dovetail gasket, upstream and downstream

### Notes:

- MERV 15. Per ASHRAE 52.2-2017. Tested at 492 FPM on 24 x 24 x 12 filter size.
- Neutralization via IPA vapor per ISO16890 (Post Neutralization Efficiency). 0.3 to 1.0 micron - 92%. 1.0 to 3.0 micron - 99%. 3.0 to 10.0 micron - 100%. Estimated MERV 15 Post Neutralization.
- Maximum operating temperature 180°F.
- Classified per UL Standard 900 for flammability.

**⚠ WARNING:** This product can expose you to chemicals, including acrylonitrile, ethylbenzene, nickel, which are known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



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