

BioSHIELD 4.0 AG. FILTER



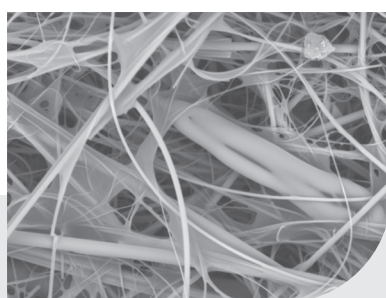
The TripleAir Technology development team proudly introduces a 1st of its kind mechanical V-bank filter specifically designed for agricultural facilities. BioShield 4.0 is the immediate industry leader in bio secure filter frames for live animal use. 100% ABS plastic and a fully potted 4-piece frame makes for a highly durable and sturdy filter. This design eliminates over 60% of seams and joints found on traditional v-bank construction with zero butt-joints. Incorporated with a pour in place gasket and fully potted frame you'll have peace of mind of no bypass.

- MERV14, 15 & 16 media options
- 24x24x12 size (24x20x12 coming Spring 2026)
- 20 mm header standard (25 mm option)
- 3/8" continuous poured gasket w/ frame molded channel
- Alternative gasket depths available
- 4- piece fully potted ABS plastic molded frame
- 2 mm internal gapped frame connections for total fill of all joint with glue
- Waterproof micro glass media
- 158* F max continuous operation
- 169 Pleats per pack



AIRTIGHT SEAL

A continuous pour-in-place gasket is applied directly on the header of the filter creating a leak free seal to housing or frame. Molded channel on frame header holds gasket in place and creates a wider contact area.



WATERPROOF MEDIA

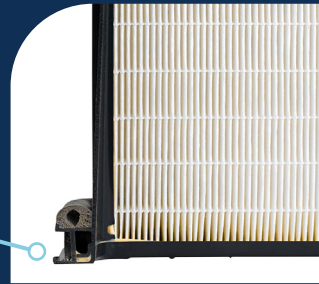
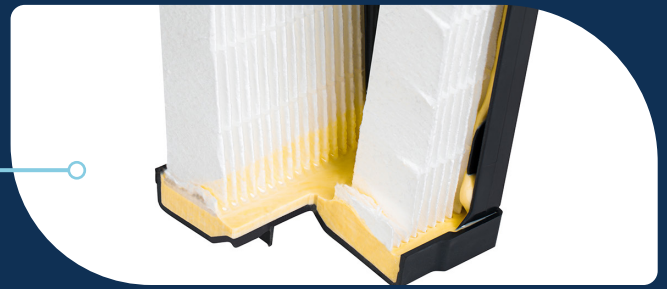
Waterproof Micro-glass fibers in the media repel water, giving protection from cool cells and heavy rains.



FULLY POTTED FRAME

Top, bottom, and side channels of housing are fully potted to prevent bypass air around pleated media. 4-piece frame mechanically connects with an intentional 2mm gap allowing glue to flow into joints.

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RESISTANCE VS. AIR FLOW - 24X24-12" BioSHIELD 4.0 V-BANK FILTERS

