



Features:

Polypropylene injection molded frame with no metal components

Polypropylene thermally bonded pleat separators

Non-shedding, gradient density polypropylene media

Available in single headered version only

Available in 65%, 85%, 95%, and 98% efficiencies per ASHRAE 52.1

Available in MERV 11, 13, 14 and 15 efficiencies per ASHRAE 52.2

UL Class II rated as per UL 900 standard



AIRFLOW V-Cell

Extended surface self-supported V-Cell filter

AIRFLOW V-CELL extended surface self-supported V-cell filters are designed for use in air filtration systems and equipment where medium to high efficiency filtration is required. Available in a variety of standard sizes and efficiencies, the AIRFLOW V-CELL provides optimal performance in variable air volume systems.

Injection molded polypropylene frame, thermally bonded polypropylene media separators and V-shape construction provides strength and rigidity to this product.

The media pack, comprised of 100% polypropylene fibers, is bonded to the inside perimeter of the enclosure frame by a thermo plastic, hot-melt adhesive, providing a continuous and positive seal.

The all synthetic composition of frame, media pack and separators are not adversely affected by moisture and do not support the growth of microbial organisms such as bacteria, mold and fungi, etc.

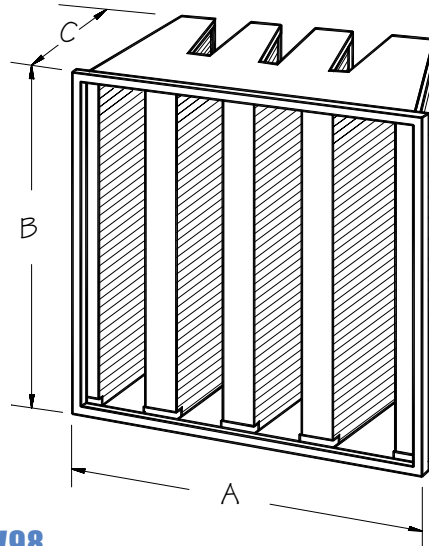
The standard offering is rated by Underwriters Laboratories as Class II, per UL Standard 900.

The AIRFLOW V-CELL is designed so as to work suitably within built up filter banks and/or side access systems. The standard offering includes a single, molded 7/8" header.

Rigid construction, extended surface, low initial pressure drop measured in inches w.g., long service life and savings in energy costs are features and benefits which make the AIRFLOW V-CELL an excellent option for meeting the requirements of medium to high efficiency filtration.

AIRFLOW V-CELL

The Airflow V-Cell is made from 100% synthetic polypropylene microfiber media attached to a 100% polymer frame using solid, water resistant adhesive. Continuous polypropylene spacer beads are thermally bonded to both sides of the media. There are no metal components. The Airflow V-cell is available in four efficiencies in three standard sizes.

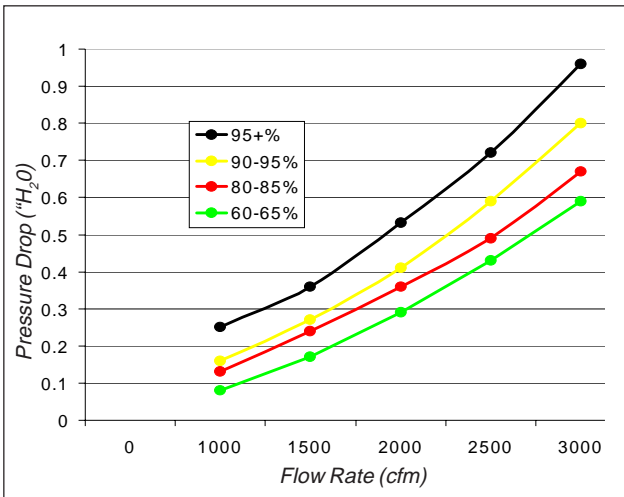


Typical Size Chart - AFV65, AFV85, AFV95, AFV98

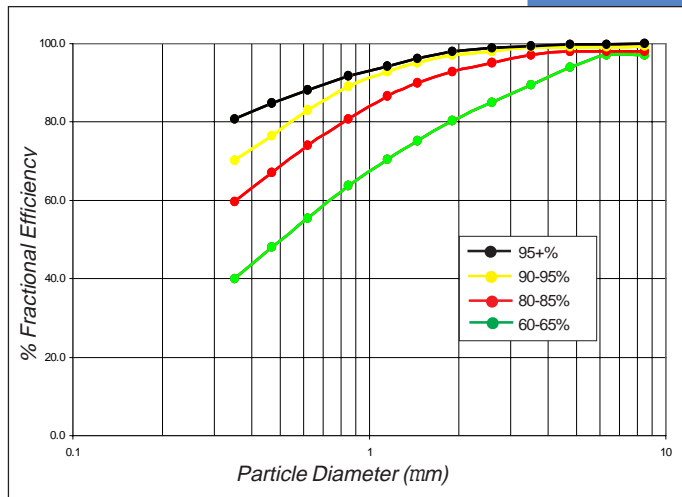
Model Number	Width "A"	Height "B"	Depth "C"
AFVxx-4412	23-3/8"	23-3/8"	11-1/2"
AFVxx-4212	23-3/8"	11-3/8"	11-1/2"
AFVxx-4012	23-3/8"	19-3/8"	11-1/2"

Note: Available in single headered version only.

Pressure Drop vs. Flow Rate



Efficiency vs. Particle Diameter



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