



AIRFLOW MiniPLEAT

The Airflow MiniPleat extended surface self-supported filter is designed for use in air filtration systems and equipment with MERV 11 – 15 filtration efficiency requirements. Available in a wide variety of standard sizes and 2" & 4" depths, the AIRFLOW MINI PLEAT provides optimal performance especially in variable air volume/variable airflow systems and LEED accredited buildings.*

- ✓ The media pack is comprised of non-shedding, gradient density polypropylene fibers, bonded to the inside perimeter of the injection molded polypropylene frame with a moisture resistant adhesive, providing a continuous and positive seal that will not support the growth of microorganisms.
- ✓ Thermally bonded polypropylene media separators provide strength and rigidity to this filter and the all synthetic composition of frame, media pack and separators are incinerable.
- ✓ Underwriters Laboratory listed per UL Standard 900.
- ✓ Low initial pressure drop measured in inches w.g., long service life and savings in energy and shipping costs.



Typical Applications

For use as a pre-filter for HEPA and high efficiency final filters, or as a stand-alone primary filter in:

- ◆ Hospitals & ICU's (primary or prefilter for HEPA filtration)
- ◆ Pharmaceutical & Cleanroom Facilities (primary or prefilter for HEPA filtration)
- ◆ Laboratories
- ◆ Printing Facilities
- ◆ Industrial Production Plants
- ◆ Educational Facilities
- ◆ Food Processing Plants
- ◆ MERV 13 and higher filter for LEED* Accredited Facilities
- ◆ Museums and Archive Storage

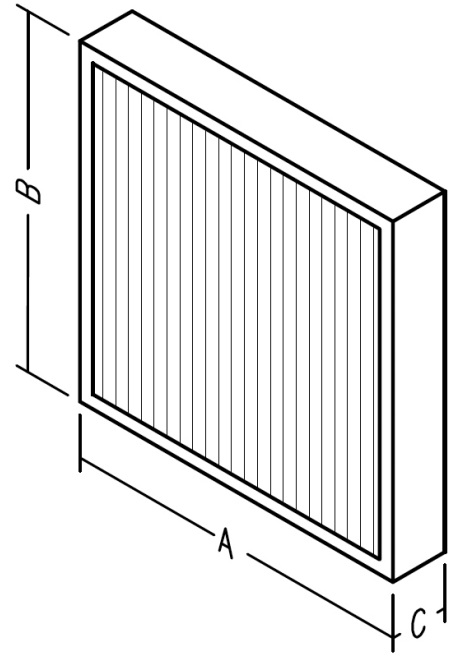
*Leadership in Energy and Environmental Design as required, by the US Green Building Council®

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AIRFLOW M11 PLEAT Purchasing Specification

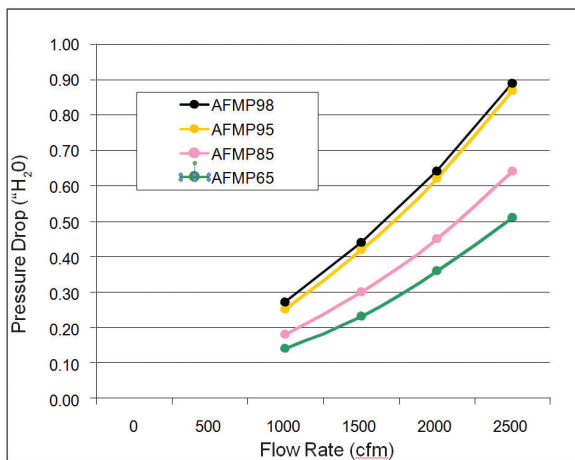
- Filter shall be constructed using non-shedding 100% gradient density polypropylene fibers.
- Frame shall be constructed of injection-molded polypropylene.
- Media shall be bonded to the inside perimeter of frame with moisture resistant adhesive providing a positive seal that will not support the growth of microorganisms.
- Manufacturer, filter size and airflow indication shall be clearly labeled.
- Filters shall be a MERV 11-15 particle size efficiency per ANSI/ASHRAE Standard 52.2.
- Pressure drop shall correspond to manufacturer's literature.
- Independent laboratory test reports and filter samples shall be submitted for engineering evaluation and approval.
- Filter shall be listed Underwriter's Laboratory UL 900 for fire retardance.



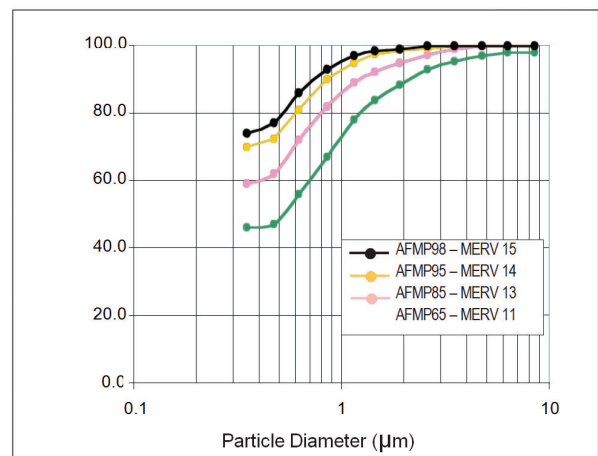
Typical Size Chart - AFMP65, AFMP85, AFMP95 AND AFMP998

Model Number	Width "A"	Height "B"	Depth "C"	Model Number	Width "A"	Height "B"	Depth "C"
AFMPxx24244	23-3/8"	23-3/8"	3-3/4"	AFMPxx24244	23-3/8"	23-3/8"	1-3/4"
AFMPxx20254	19-1/2"	24-1/2"	3-3/4"	AFMPxx20254	19-1/2"	24-1/2"	1-3/4"
AFMPxx20244	19-1/2"	23-3/8"	3-3/4"	AFMPxx20244	19-1/2"	23-3/8"	1-3/4"
AFMPxx20204	19-1/2"	19-1/2"	3-3/4"	AFMPxx20204	19-1/2"	19-1/2"	1-3/4"
AFMPxx16254	15-1/2"	24-1/2"	3-3/4"	AFMPxx16254	15-1/2"	24-1/2"	1-3/4"
AFMPxx16204	15-1/2"	19-1/2"	3-3/4"	AFMPxx16204	15-1/2"	19-1/2"	1-3/4"
AFMPxx12244	11-3/8"	23-3/8"	3-3/4"	AFMPxx12244	11-3/8"	23-3/8"	1-3/4"

Pressure Drop vs. Flow Rate



Efficiency vs. Particle Diameter



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