

AmericanAirFilter[®] FlexPak[™] FA Series

Extended Surface Supported Pocket Filters

Applications

FlexPak FA Series filters provide medium to high efficiency air filtration in commercial, industrial, and institutional buildings. A wide range of sizes, efficiencies, and airflow capacities are available. FlexPak FA filters can be installed only in systems equipped with compatible basket type wire retainers.

Performance Plus Design

Low-Cost, Dependable Operation

The high dust holding capacity of FlexPak FA Series filters results in long service life. Coupled with an economical purchase price, these filters provide low operating cost.

A wire retainer holds the pockets firmly in position, preventing flutter during start-up, shutdown, and continuous operation of the fan. Eliminating flutter keeps dirt from shaking loose and returning to the airstream.

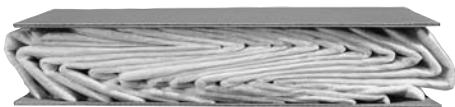
Directly Interchangeable

FlexPak FA Series filters are interchangeable with current manufacturers' designs of preformed, collapsible pocket filters. No new frames or wire retainers are needed.

All FlexPak FA Series filters of the same size and depth are interchangeable to allow efficiency upgrades without modification to the filter bank.

Space-Saving Design

The Pre-folded pocket design results in compact packaging, less storage space, and lower freight costs.



Uniform Pocket Spacing Speeds Installation

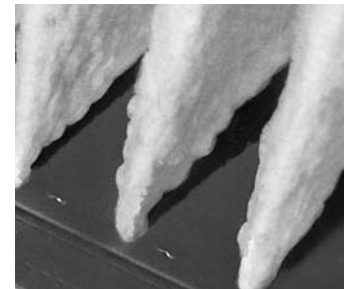
FlexPak FA Series filters have spacer strips on the air entering and air leaving sides of the pockets. These strips assure accurate pocket alignment which simplifies inserting the filter into the wire retainer.



Economical replacement filters for HVAC systems equipped with basket-type wire retainers.

The pocket spacer strips are stapled to the support panels with the media sandwiched in between, sealing the pocket edges. This method of securely fastening the pockets to the support panels also prevents the media from being torn loose during shipping, installation, or in operation.

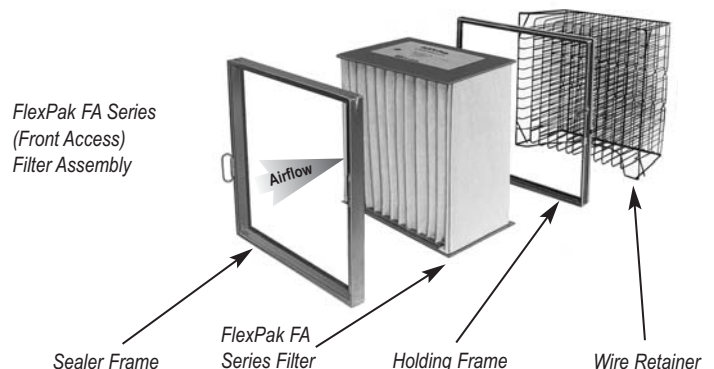
The spacer strips on the air leaving side extend the entire depth of the pockets to prevent media damage caused by the wire retainer as the filter slides into the basket.



Pocket spacer strips assure accurate alignment with the wire retainer for easier installation.

FlexPak FA Series - Filter Assembly

FlexPak FA Series filters consist of preformed pockets 8, 12, or 24 inches deep. The media is bonded on the top and bottom to a moisture resistant fiberboard support panel. The filter fits into a wire retainer that holds the pockets firmly in place during operation. A sealer frame secures the filter to the holding frame. FlexPak FA Series filters are available in all popular sizes and can be installed in front, rear, and side access systems. Choose from four efficiency levels: 30%, 50%, 80%, and 90%.



FlexPak FA Series (Front Access) Filter Assembly

Sealer Frame FlexPak FA Series Filter Holding Frame Wire Retainer

AmericanAirFilter[®]

FlexPak[™] FA Series

Product Information

Rated Filter Face Velocity (FPM)	Nominal Size (Inches) (W x H x D)	Rated Airflow Capacity (CFM)	Rated Initial Resistance (in w.g.)	Recommended Final Resistance (in w.g.)	Filters Per Carton	Shipping Weight (lbs. Per Carton)
90% Average Efficiency*						
250	12 x 24 x 8	500	.60	.90	6	4.5
	16 x 20 x 8	550	.60	.90	6	8.0
	20 x 20 x 8	700	.60	.90	6	9.0
	25 x 20 x 8	850	.60	.90	6	11.0
	24 x 24 x 8	1000	.60	.90	6	12.0
400	12 x 24 x 12	800	.60	1.10	6	10.0
	24 x 24 x 12	1600	.60	1.10	6	17.0
500	12 x 24 x 24	1000	.60	1.10	4	10.0
	24 x 24 x 24	2000	.60	1.10	6	19.0
80% Average Efficiency*						
250	12 x 24 x 8	500	.50	.90	6	4.5
	16 x 20 x 8	550	.50	.90	6	8.0
	20 x 20 x 8	700	.50	.90	6	9.0
	25 x 20 x 8	850	.50	.90	6	11.0
	24 x 24 x 8	1000	.50	.90	6	12.0
400	12 x 24 x 12	800	.50	1.10	6	10.0
	24 x 24 x 12	1600	.50	1.10	4	17.0
500	12 x 24 x 24	1000	.50	1.10	4	10.0
	24 x 24 x 24	2000	.50	1.10	4	19.0
50% Average Efficiency*						
500	12 x 24 x 8	1000	.35	.90	6	4.5
	16 x 20 x 8	1100	.35	.90	6	8.0
	20 x 20 x 8	1400	.35	.90	6	9.0
	25 x 20 x 8	1725	.35	.90	6	11.0
	24 x 24 x 8	2000	.35	.90	6	12.0
	12 x 24 x 12	1000	.35	1.10	6	10.0
	24 x 24 x 12	2000	.35	1.10	6	17.0
30% Average Efficiency*						
500	12 x 24 x 8	1000	.15	.65	6	4.5
	16 x 20 x 8	1100	.15	.65	12	12.5
	20 x 20 x 8	1400	.15	.65	12	14.5
	25 x 20 x 8	1725	.15	.65	12	18.5
	24 x 24 x 8	2000	.16	.65	12	19.5
	12 x 24 x 12	1000	.15	.65	6	10.0
	24 x 24 x 12	2000	.16	.65	12	28.5

Specifications:

The filters shall consist of a series of pre-formed pockets 8, 12, or 24 inches deep. The media shall be stapled on the top and bottom to a fiberboard support panel. The fiberboard panel shall be treated for moisture resistance to reduce warping. Each filter shall be clearly identified with the size, efficiency, CFM, airflow direction, installation instructions and classification mark from Underwriters Laboratories, Inc., Class 2.

The average efficiency shall be 30%, 50%, 80%, or 90%.

The 30% efficient filters shall have polyester media, white in color. The 50%, 80%, and 90% efficient filters shall have ultra-fine glass fiber media reinforced with a synthetic spun bond material. The media color shall be orange (50%), red (80%), and yellow (90%). A pocket spacer strip shall be stapled to the support panels on both the air entering and air leaving sides of the pockets. The spacer strip on the air leaving side shall extend the entire depth of the pockets.

The filters shall be manufactured per specifications of AAF International and identified as "FA FlexPak" extended surface filters.

*Efficiency rating for performance classification purposes.

Underwriters Laboratories Classification: FA FlexPak filters are classified UL Class 2. Testing was performed according to UL Standard 900 and CAN 4-S111.

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