

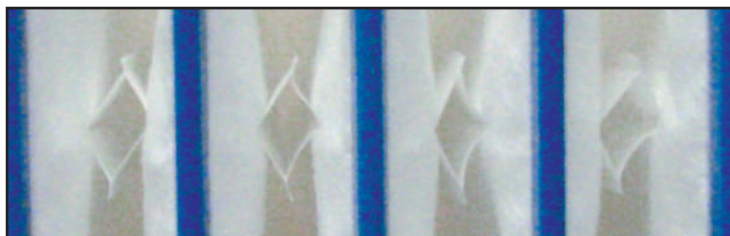


# ENGINEERED FILTRATION SYSTEMS

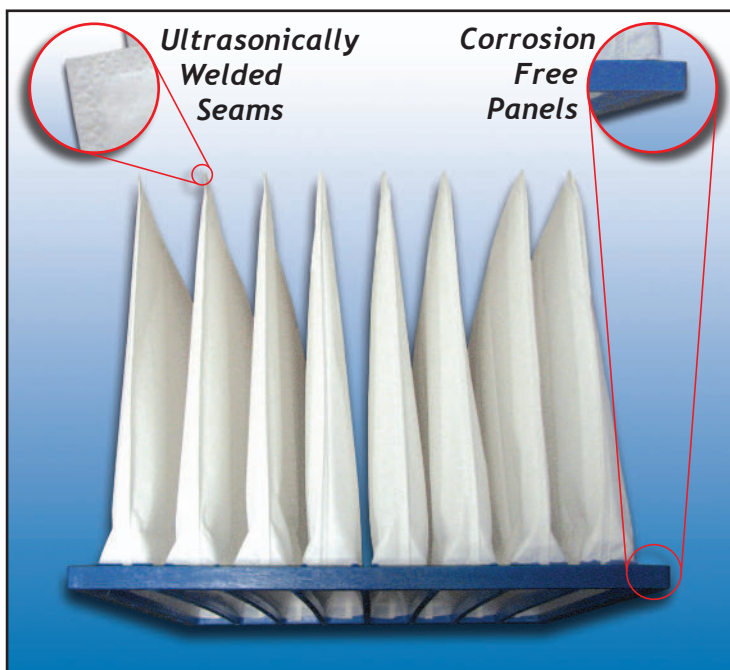
## F6 RIGID POCKET FILTER



*The EFS F6 Rigid Pocket Filters*



*Spacers Stabilize Pocket Shape*



### RIGID CONSTRUCTION

- The EFS F6 Rigid Pocket Filter is constructed to withstand extreme humidity, high velocities and turbulence and is excellent for all types of air handling systems.
- Self-supported filter pockets stay rigid in the air stream.
- The filter element is free of metal parts, eliminating the risk of corrosion and punctures.
- Polyurethane header ensures a leak-proof bonding of pockets to header.

### SYNTHETIC MEDIA

- Synthetic media rated at ASHRAE 65% (MERV 11)
- Non-shedding fibers are specially designed to resist moisture and chemicals.
- Resists all types of bacterial growth.

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### UNIQUE DESIGN

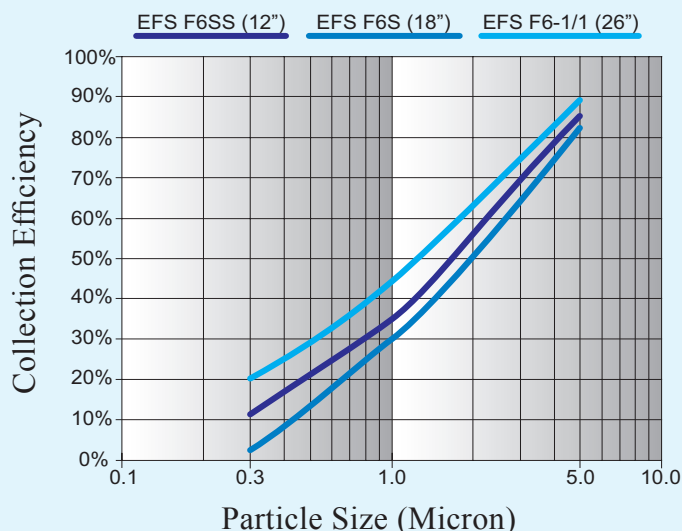
- The EFS F6 Rigid Pocket Filter is light-weight and easy to handle which provides for low-cost transport and disposal.
- Progressively structured design provides exceptionally low pressure drop at high efficiency levels.
- Spacers channel the air entering the pocket resulting in lower pressure drop and reduced energy costs.



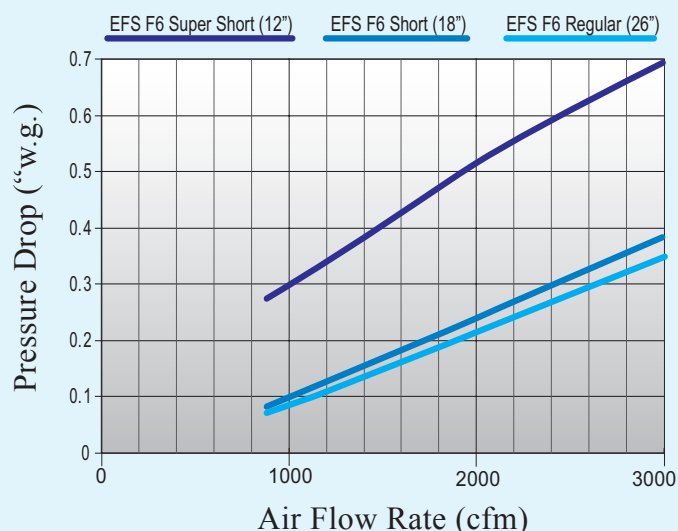
# ENGINEERED FILTRATION SYSTEMS

## F6 RIGID POCKET FILTER

### PARTICLE SIZE EFFICIENCY



### RESISTANCE CURVE



### TESTED PARAMETERS

ASHRAE 52.2 RATING @ 2000 cfm	MERV 11
ASHRAE 52.1 DUST SPOT EFFICIENCY	64%
DUST HOLDING CAPACITY @ 1.5" w.g.	3,400 gms
DUST HOLDING CAPACITY @ 4.0" w.g.	5,074 gms
BURST STRENGTH	25" w.g.

### APPLICATION PARAMETERS

MAXIMUM TEMPERATURE	150 F
FLAMMABILITY	UL 900 Class 2
CALIFORNIA STATE FIRE MARSHAL	Rated
MEDIA	Synthetic
RELATIVE HUMIDITY	100%
RECOMMENDED FINAL PRESSURE DROP	1.5" w.g.

### DIMENSIONS and PERFORMANCE DATA

65% PART NUMBER	SIZE H x W x D (inches)	NUMBER OF POCKETS	MEDIA AREA (sq. ft.)
EFS-F6SS	24" x 24" x 12"	8	30
EFS-F6S	24" x 24" x 18"	8	48
EFS-F6-1/1	24" x 24" x 26"	8	63
EFS-F6SS-1/2	12" x 24" x 12"	4	18

### TECHNICAL DATA

FILTER DEPTH (inches)	AIR FLOW (cfm)	INITIAL PRESSURE DROP ("w.g.)	COMPARABLE ATMOSPHERIC EFFICIENCY (ASHRAE 52.1) @ 2000 cfm
12	2000	0.52	60% - 65%
18	2000	0.23	60% - 65%
26	2000	0.22	60% - 65%
12	1000	0.22	60% - 65%

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# Reverse Rigid Pocket Filter

## Description

The EFS Reverse Rigid Pocket Filter (RRPF) is constructed to withstand extreme humidity, high velocities and turbulence and is excellent for use in areas where space is at a premium.

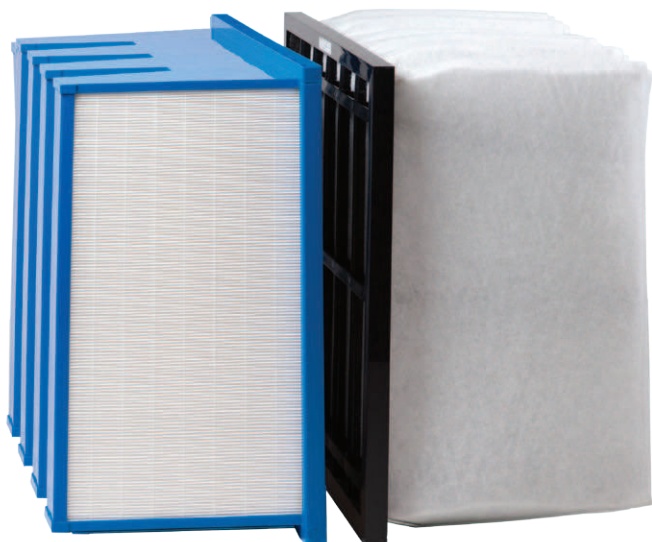
Designed for use with final filters where space is limited, the EFS RRPF increases filter efficiency, and greatly lengthens the life of the final filter when used in lieu of standard pleats.

Engineered for double use the EFS Reverse Rigid Pocket Filter works as both a moisture coalescer and particulate filter.

Polyurethane header ensures a leak-proof bonding of pockets to header.

Coalesces moisture upstream of the final/static filter.

Plastic separators stabilize the pockets when in the reverse air flow position.



*Reverse Rigid Pocket Filter with V4-Bank Filter*



*Corrosion Free Panels*

The filter element is free of metal parts, eliminating the risk of corrosion and punctures. Available in G4 and F5 efficiencies.

The EFS RRPF is comprised of progressively structured media for high dust holding capacity and long filter life.

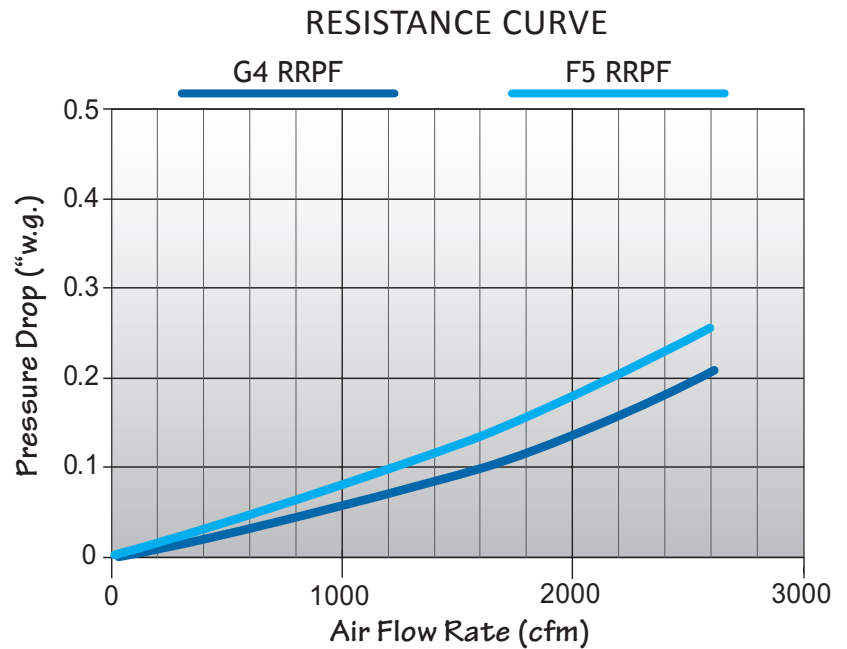
100% synthetic media manages particulates resulting in lower pressure drop over time.



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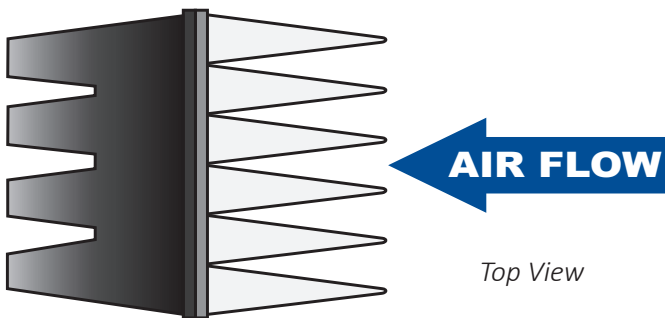


# Reverse Rigid Pocket Filter



## Performance Data & Tested Parameters

Performance	Unit of Measure	G4SS-RP	F5SS-RP
Rated Air Flow	cfm	2000	2000
Initial Resistance	"w.g.	.15	.16
ASHRAE 52.2 Rating @ 2000 cfm	MERV	7	8



## Dimensions Data

Part Number	Size	Number of Pockets	Media Area (sq. ft.)
F-G4SS2424-RP-W	24" x 24" x 13"	6	24
F-F5SS2424-RP-W	24" x 24" x 13"	6	24



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