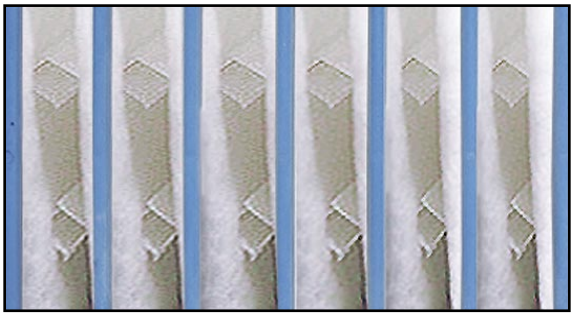
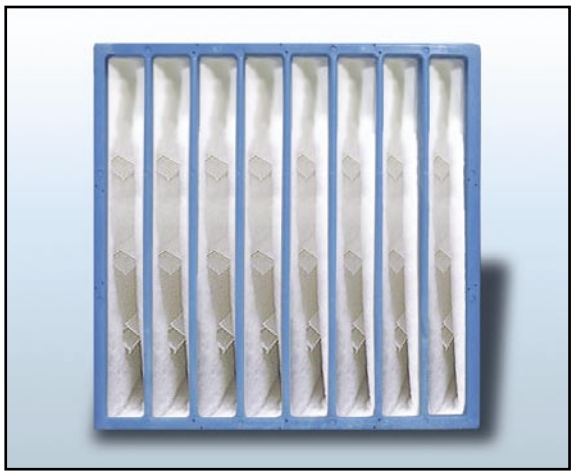
ENGINEERED FILTRATION SYSTEMS

F5 Rigid Pocket Filter

The EFS F5 Rigid Pocket Filter



Spacers Stabilize Pocket Shape



Corrosion-Free Panels

Rigid Construction

- The EFS F5 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.
- Corrosion-free polyurethane header ensures a leak-proof bonding of pockets to header.

Synthetic Media

- Synthetic media rated at ASHRAE 45 - 50% efficiency (MERV 8).
- 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 F5 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.

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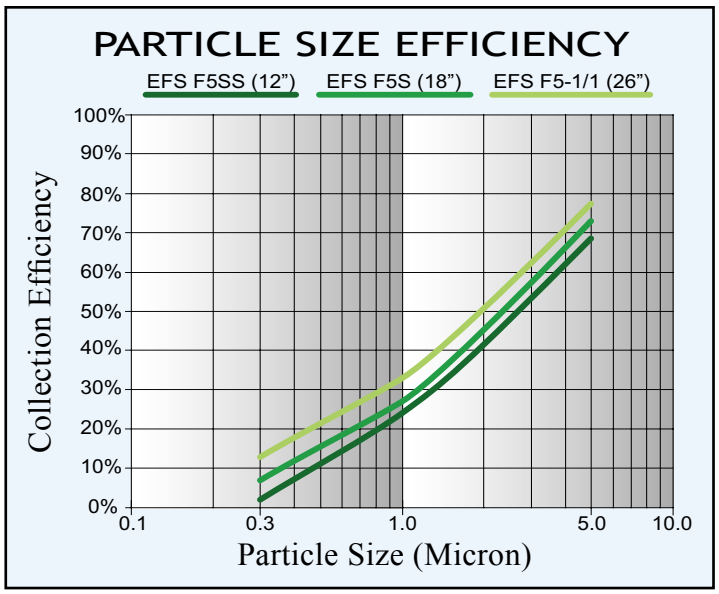

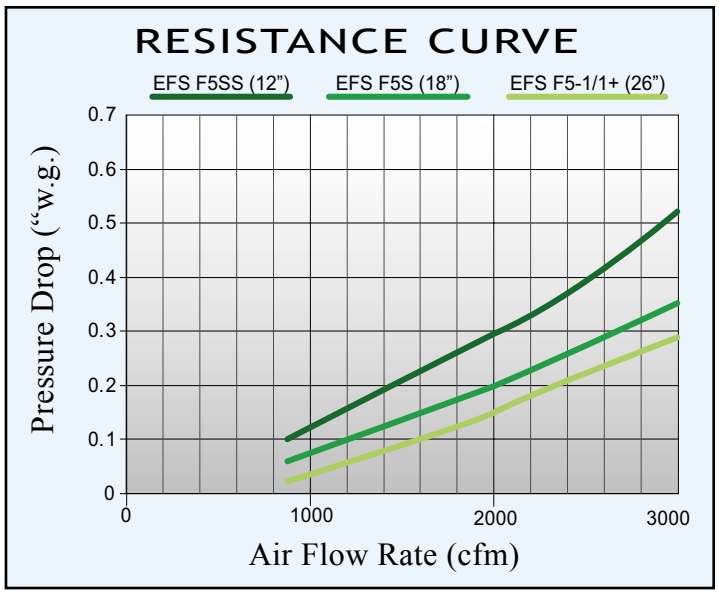

TECHNICAL DATA

FILTER DEPTH (inches)	AIR FLOW (cfm)	INITIAL PRESSURE DROP ("w.g.)	COMPARABLE ATMOSPHERIC EFFICIENCY (ASHRAE 52.1) @ 2000 cfm
12	2000	0.30	40% - 50%
18	2000	0.20	40% - 50%
26	2000	0.15 (with +)	40% - 50%

DIMENSIONS and PERFORMANCE DATA

50% PART NUMBER	SIZE H x W x D (inches)	NUMBER OF POCKETS	MEDIA AREA (sq. ft.)
EFS F5SS	24" x 24" x 12"	8	30
EFS F5S	24" x 24" x 18"	8	48
EFS F5-1/1+	24" x 24" x 26"	8	63

APPLICATION PARAMETERS

MAXIMUM TEMPERATURE	150 F
FLAMMABILITY	UL 900 CL 2
FILTER MEDIA	Synthetic

RELATIVE HUMIDITY	100%
RECOMMENDED FINAL RESISTANCE	1.5" w.g

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