

Pocket Filter

MERV 8



**Corrosion-free molded header
ensures a leak proof
bonding of pockets
to header.**



Leak-Free Welded Pocket



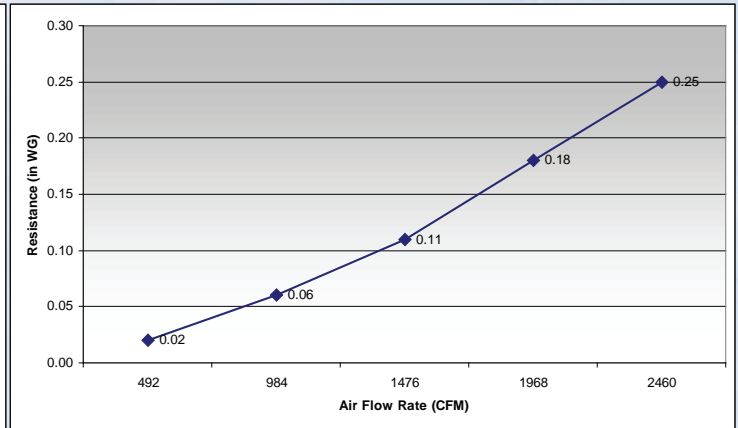
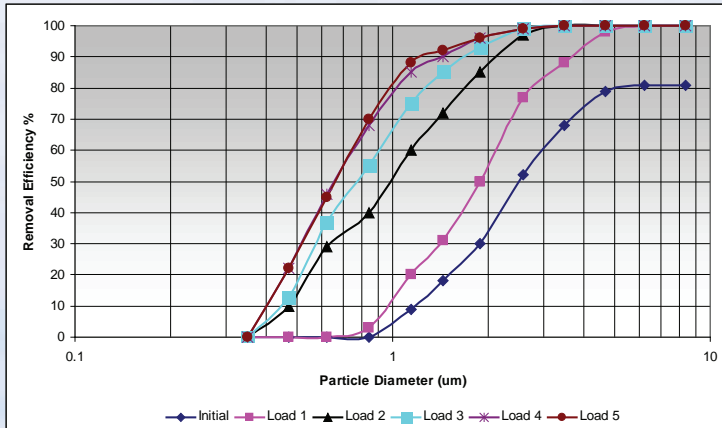
viledon Pocket Filters meet all requirements of standard air handling systems as to frame dimensions, depth and filter performance. viledon's pocket filter superiority, known as the **viledon difference**, is highlighted by the following:

- ▶ Excellent for all types of air handling systems, the F45S filter is constructed to withstand extreme humidity, high velocities and turbulence.
- ▶ viledon develops and manufactures its own organic synthetic filter media.
- ▶ Thermally bonded organic synthetic fibers are non-shedding, microbially neutral, and resistant to most chemicals.
- ▶ The media utilizes progressively structured fibers that provides an exceptionally low pressure drop with high dust holding capacity.
- ▶ Self-supported pockets remain rigid in the airstream at all times.
- ▶ Gas Turbine Prefiltration

- ▶ Polyurethane molded header fully encapsulates pockets to ensure leak-free performance.
- ▶ Temperature resistance: Continuous 160°F, peaks 200°F
- ▶ UL 900, Class 2
- ▶ **This product has been GREENGUARD Indoor Air Quality Certified® by the GREENGUARD Environmental Institute under the GREENGUARD Standard for low emitting and microbial resistant products.**

Particle Removal Efficiency

Resistance Curve



ASHRAE 52.2 AFTL-11773

Performance	Unit	F45S 1/1
Rated Air Flow	CFM	1968
Initial Resistance	"w.g.	.18
Final Resistance	"w.g.	1.50
MERV@1968	1-16	8

ADDITIONAL DATA

Performance	Unit	F45S 1/1
Burst Strength	"w.g.	>25
Dust Holding Capacity	grams	407

F45S Characteristic Chart

Characteristics	unit	1/1 (24x24)	1/2 (12x24)	5/6 (20x24)
Header Size	in.	23-3/8x23-3/8	11-3/8x23-3/8	19-3/8x23-3/8
Depth	in.	13	13	13
Weight	lb.	2.25	1.5	2.0
Pockets	each	5	3	4
Media Area	ft ²	20	12	16

The figures given are mean values subject to tolerances due to normal production fluctuations. Our explicit written confirmation is always required for the correctness and applicability of the information involved in any particular case.

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