

Pleated Filter Mini 85

The **Viledon** Mini 85 pleated filters meet all requirements of standard air handling systems as to frame dimensions, depth and filter performance. Viledon's filtration superiority, known as the **Viledon Difference**, is highlighted by the following:

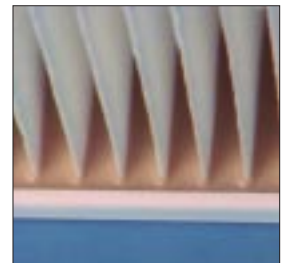
- ▶ The **Viledon** Mini 85 is specifically designed for applications where maximum filtration efficiency and performance are required in a small package.
- ▶ **Viledon** develops and manufactures its own organic synthetic filter media. The fine, progressively structured design provides exceptionally low pressure drop at high efficiency levels.
- ▶ Freudenberg's proprietary electret spinning process imparts a deeply embedded, electrostatic charge to the fibers, ensuring peak particle collection from the first day of service.
- ▶ The 100% synthetic media will not absorb moisture and maintains integrity even in wet conditions. The media is also resistant to most common chemicals.
- ▶ The all-plastic frame is lightweight and the filter is free of metal parts, eliminating the risk of corrosion and punctures.
- ▶ UL 900 Class 1 or Class 2



- ▶ Synthetic spacing bands optimize airflow through the filter.



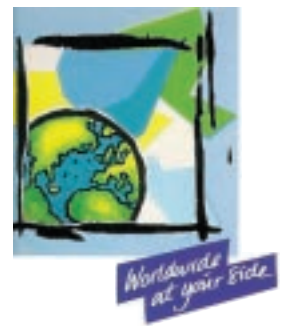
- ▶ Durable plastic frame allows for easy installation and removal.



- ▶ Polyurethane seal on both ends of filter strengthens V-shaped pleats.

- ▶ Viledon's development team is continually creating new products to serve emerging markets and meet changing specifications.

- ▶ Patent Pending

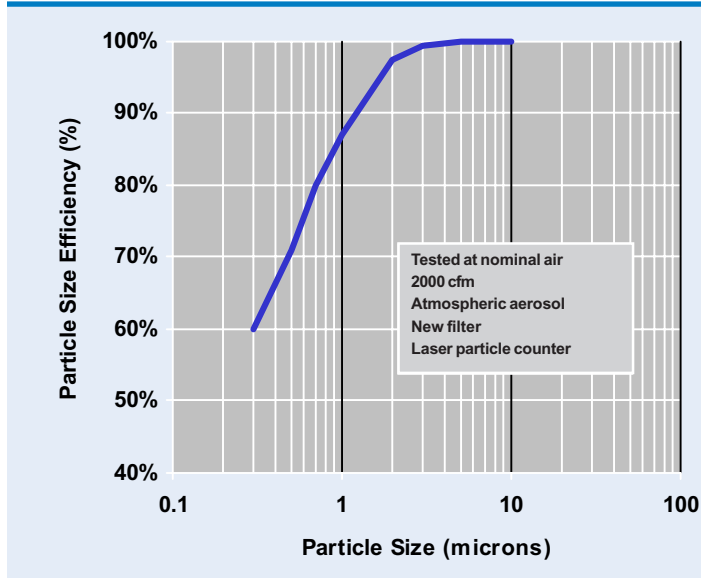


Technical Data - Viledon Mini 85 - 24 x 24

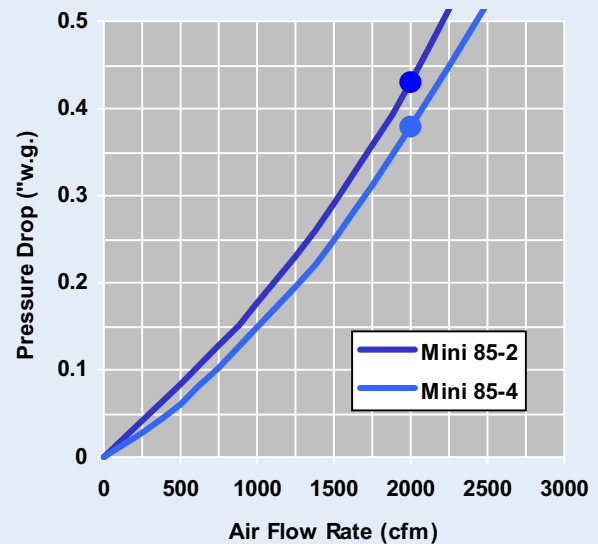
Performance	Unit	Mini 85-2	Mini 85-4
Rated Air Flow	cfm	2000	2000
Initial Resistance	"w.g.	0.44	0.38
Final Resistance*	"w.g.	1.5	1.5
Average Efficiency*	%	85	85
Media Area	ft ²	52	83

*According to ASHRAE Test Standard 52.1-1992

Particle Size Efficiency (Viledon Mini85-4/44)



Resistance Curve



Mini 85 Size Chart

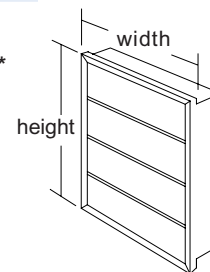
Sizes 2"	Unit	24X24	12X24	20X24	20X25	20X20	16X25	16X20
Actual Size (wxh)	in	23-3/8x23-3/8	11-3/8x23-3/8	19-3/8x23-3/8	19-3/8x24-3/8	19-3/8x19-3/8	15-3/8x24-3/8	15-3/8x19-3/8
Depth	in	1-3/4	1-3/4	1-3/4	1-3/4	1-3/4	1-3/4	1-3/4
Holding Frame Size	in	24 x 24	12 x 24	20 x 24	20 x 25	20 x 20	16 x 25	16 x 20

Sizes 4"	Unit	24X24	12X24	20X24	20X25	20X20	16X25	16X20
Actual Size (wxh)	in	23-3/8x23-3/8	11-3/8x23-3/8	19-3/8x23-3/8	19-3/8x24-3/8	19-3/8x19-3/8	15-3/8x24-3/8	15-3/8x19-3/8
Depth	in	3-3/4	3-3/4	3-3/4	3-3/4	3-3/4	3-3/4	3-3/4
Holding Frame Size	in	24 x 24	12 x 24	20 x 24	20 x 25	20 x 20	16 x 25	16 x 20

MINI 85 4" Headered Version

To order 4" headered version of the Mini Filter, use part number MINI85H-4/width height* per diagram.

* Header is placed on the *Width* side of the filter only for side access applications.



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Freudenberg has a policy of continuous product research and improvement and reserves the right to change design and specifications without notice.