

DAFCO FILTRATION GROUP®

CLASS I PLEATED AIR FILTER



- Pleated design offers greater dust holding capacity
- Longer service life means lower operating costs
- UL900 Class 1 Listed



DESCRIPTION

The Aerostar Class 1 Pleated filters and elements incorporate an ultrafine fiberglass media available in 40% nominal efficiency. The media is bonded to a metal grid on the air leaving side, preventing fluttering and maintaining uniformity of the pleats. The media pack is bonded to a heavy-duty galvanized steel frame to prevent air by-pass. A galvanized welded wire mesh is bonded to the downstream side of the frame for added media pack support.

BENEFITS

Rigid metal frame construction combined with the performance of ultrafine fiberglass media results in a high performing product that is UL900 Class 1 listed. The scrim backing ensures that the desired performance is achieved in a wide range of applications. The high dust holding capacity

of these products reduces the life cycle costs of filtration applications that use Class 1 filters.

APPLICATIONS

These filters are used in commercial and industrial applications where fire codes require using Class 1 listed products. These filters can be used without modification in almost any side-access filter housing or built-up filter bank. Class 1 pleated filters, when used as pre-filters, will add substantially to the life of more expensive high-efficiency filters.



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40% EFFICIENCY - 2" PLEAT							
PART NO.	NOMINAL SIZE	ACTUAL SIZES H x W x D	RATED AIRFLOW CAPACITY (cfm)		INITIAL RESISTANCE		RECOMMENDED FINAL RESISTANCE ("w.g.)
			MEDIUM	HIGH	MEDIUM	HIGH	
14379	12 X 24 X 2	11 3/8 X 23 3/8 X 1 3/4	750	1000	.32	.49	1.0
14380	16 X 20 X 2	15 1/2 X 19 1/2 X 1 3/4	825	1100	.32	.49	1.0
14381	16 X 25 X 2	15 1/2 X 24 1/2 X 1 3/4	1050	1400	.32	.49	1.0
14382	20 X 20 X 2	19 1/2 X 19 1/2 X 1 3/4	1050	1400	.32	.49	1.0
1001177	20 X 24 X 2	19 1/2 X 23 1/2 X 1 3/4	1250	1650	.32	.49	1.0
14383	20 X 25 X 2	19 1/2 X 24 1/2 X 1 3/4	1300	1750	.32	.49	1.0
14384	24 X 24 X 2	23 3/8 X 23 3/8 X 1 3/4	1500	2000	.32	.49	1.0

40% EFFICIENCY - 4" PLEAT							
PART NO.	NOMINAL SIZE	ACTUAL SIZES H x W x D	RATED AIRFLOW CAPACITY (cfm)		INITIAL RESISTANCE		RECOMMENDED FINAL RESISTANCE ("w.g.)
			MEDIUM	HIGH	MEDIUM	HIGH	
18203	12 X 24 X 4	11 3/8 X 23 3/8 X 3 3/4	750	1000	.31	.40	1.0
18204	16 X 20 X 4	15 1/2 X 19 1/2 X 3 3/4	825	1100	.32	.41	1.0
18205	16 X 25 X 4	15 1/2 X 24 1/2 X 3 3/4	1050	1400	.33	.42	1.0
18206	20 X 20 X 4	19 1/2 X 19 1/2 X 3 3/4	1050	1400	.34	.43	1.0
18207	20 X 25 X 4	19 1/2 X 24 1/2 X 3 3/4	1300	1750	.35	.44	1.0
18208	24 X 24 X 4	23 3/8 X 23 3/8 X 3 3/4	1500	2000	.36	.45	1.0

Consult customer service for additional sizes.

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