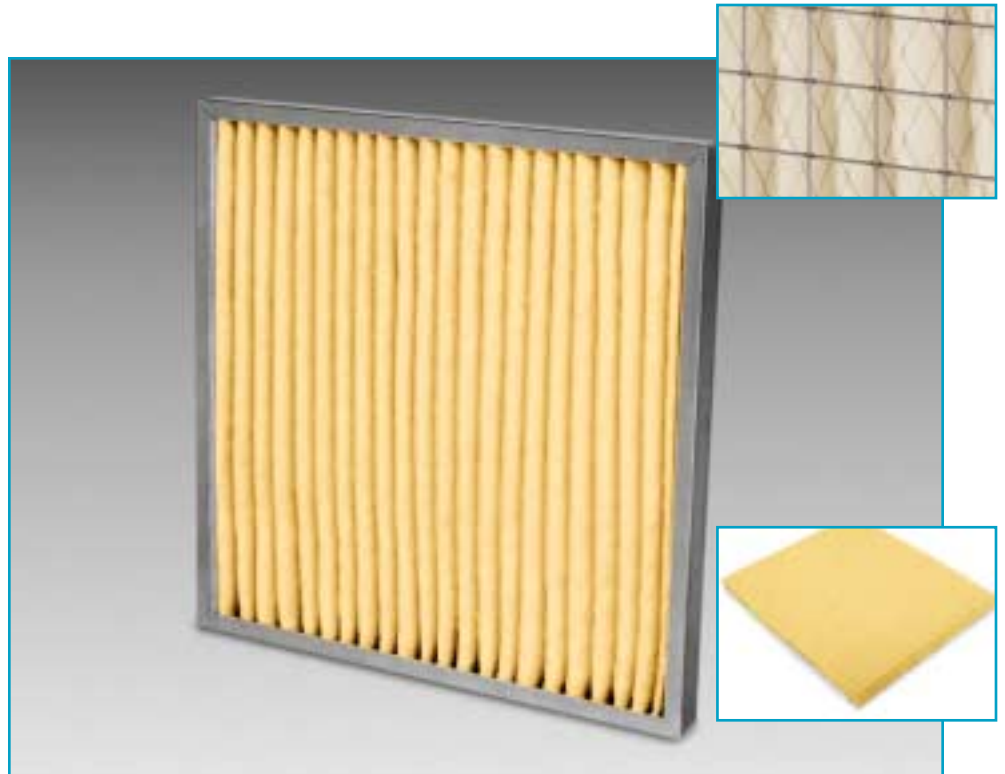


FILTRATION GROUP

CLASS I PLEATED AIR FILTER AND ELEMENTS



- High capacity pleated design offers greater dust holding capacity
- Longer service life means lower operating costs
- Available as complete filter or element only
- Two grades of media with nominal efficiencies of 40% and 60%
- UL900 Class 1 Listed



DESCRIPTION

The Aerostar Class 1 Pleated filters and elements incorporate an ultrafine fiberglass media available in both 40% and 60% nominal efficiencies. 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 availability of two different efficiencies 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 and elements, when used as pre-filters, will add substantially to the life of more expensive high-efficiency filters.





FILTRATION GROUP

CLASS I PLEATED AIR FILTER AND ELEMENTS

60% EFFICIENCY											
PART NO.	ELEMENT ONLY PART NO.	NOMINAL SIZE**	ACTUAL SIZES***			RATED AIRFLOW CAPACITY (cfm)		INITIAL RESISTANCE		RECOMMENDED FINAL RESISTANCE* ("w.g.)	MEDIA AREA (sq. ft.)
			HEIGHT	WIDTH	DEPTH	MEDIUM	HIGH	MEDIUM	HIGH		
14372	16306	12 X 24 X 2	11 3/8	X 23 3/8	X 1 3/4	750	1000	.35	.54	1.0	9.0
14373	16307	16 X 20 X 2	15 1/2	X 19 1/2	X 1 3/4	825	1100	.35	.54	1.0	10.1
14374	16308	16 X 25 X 2	15 1/2	X 24 1/2	X 1 3/4	1050	1400	.35	.54	1.0	12.6
14375	16309	20 X 20 X 2	19 1/2	X 19 1/2	X 1 3/4	1050	1400	.35	.54	1.0	12.6
14376	16310	20 X 25 X 2	19 1/2	X 24 1/2	X 1 3/4	1300	1750	.35	.54	1.0	15.7
14378	16311	24 X 24 X 2	23 3/8	X 23 3/8	X 1 3/4	1500	2000	.35	.54	1.0	18.1

40% EFFICIENCY											
PART NO.	ELEMENT ONLY PART NO.	NOMINAL SIZE**	ACTUAL SIZES***			RATED AIRFLOW CAPACITY (cfm)		INITIAL RESISTANCE		RECOMMENDED FINAL RESISTANCE* ("w.g.)	MEDIA AREA (sq. ft.)
			HEIGHT	WIDTH	DEPTH	MEDIUM	HIGH	MEDIUM	HIGH		
14379	16312	12 X 24 X 2	11 3/8	X 23 3/8	X 1 3/4	750	1000	.32	.49	1.0	9.0
14380	16313	16 X 20 X 2	15 1/2	X 19 1/2	X 1 3/4	825	1100	.32	.49	1.0	10.1
14381	16314	16 X 25 X 2	15 1/2	X 24 1/2	X 1 3/4	1050	1400	.32	.49	1.0	12.6
14382	16315	20 X 20 X 2	19 1/2	X 19 1/2	X 1 3/4	1050	1400	.32	.49	1.0	12.6
14383	16316	20 X 25 X 2	19 1/2	X 24 1/2	X 1 3/4	1300	1750	.32	.49	1.0	15.7
14384	16317	24 X 24 X 2	23 3/8	X 23 3/8	X 1 3/4	1500	2000	.32	.49	1.0	18.1

* Recommended final resistance. System may dictate a lower change-out point.

** 1" and 4" depth filters and elements are available upon request.

*** Actual sizes do not apply to elements due to their flexibility.

FILTER MEDIA AREA

FILTER DEPTH	PLEATS PER LINEAR FT.	SQ. FT. OF MEDIA PER SQ. FT. OF FACE AREA
2"	15	4.525

FEET PER MINUTE (fpm)

FILTER DEPTH	MEDIUM VELOCITY	HIGH VELOCITY
2"	375	500

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