

Aero Pleat - Disposable Pleated Filters

Aero Pleat filters are designed as a pre filter in air conditioning and air intake applications. The filters are made up of cotton and synthetic fibers and are encased in wet strength card boards. Filters are classified with MERV7/G4/EU4 efficiency. Aero Pleat SC - filters with standard capacity are made with a pleat distribution of 10 pleats per linear foot. Aero Pleat HC - filters with high capacity are made with a pleat distribution of 15 pleats per linear foot. Filters are available in 1"/25mm, 2"/45mm and 4"/95mm depths. Tailor made sizes are offered in addition to standard sizes.

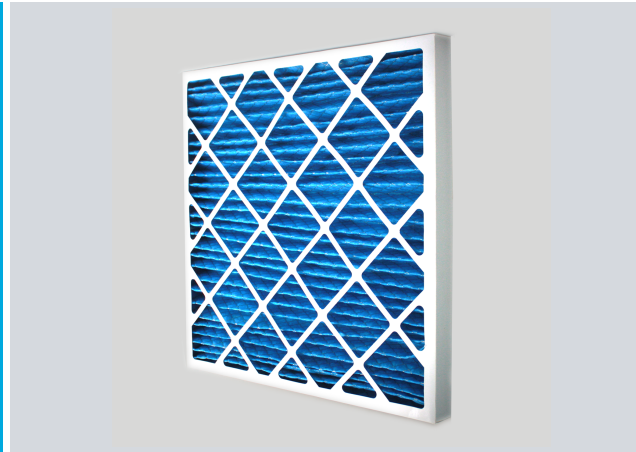
Aerofil Models

Aero Pleat SC

Filters with 10 pleats per linear foot
Available in 25mm, 45mm and 95mm depths

Aero Pleat HC

Filters with 15 pleats per linear foot
Available in 25mm, 45mm and 95mm depths

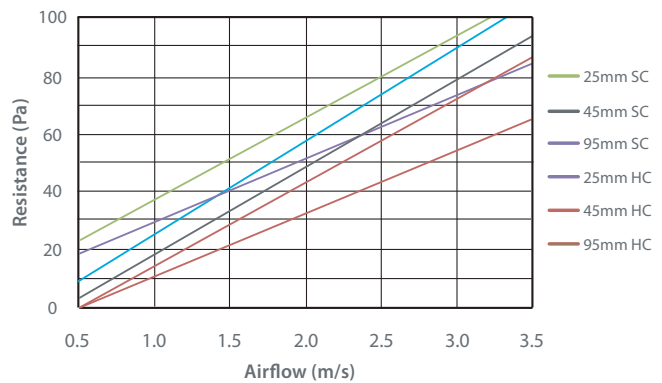


Media Features and Technical Details

Aero pleat filters are manufactured from high quality polycotton or synthetic media. Filter media is firmly bonded to a corrosion resistant expanded metal mesh on the air leaving side. The media is pleated to desired pack heights and then encased in a heavy duty wet strength card boards. Media packs will be fixed to the multi layered frame to make a leak free filter.

- Rated Average Efficiency (%) : 30 - 35
- Rated Average Arrestance (%) : 95 - 97
- Final Resistance : 250 Pa

Aero Pleat - Airflow vs. Initial Resistance



Selection Chart ▼

Model	Nominal Size (Inches)	Actual Size (mm)	Pleats per linear foot	Rated Airflow (CMH)			Initial Resistance (Pa)		
				@1.5 m/s	@2.5 m/s	@3.17 m/s	@1.5 m/s	@2.5 m/s	@3.17 m/s
APSC-24-1	12 x 24 x 1	292 x 592 x 25	10	1000	1700	2125	48	82	98
APSC-04-1	20 x 24 x 1	492 x 592 x 25	10	1650	2720	3400	48	82	98
APSC-44-1	24 x 24 x 1	592 x 592 x 25	10	2000	3400	4250	48	82	98
APSC-24-2	12 x 24 x 2	292 x 592 x 45	10	1000	1700	2125	32	62	88
APSC-04-2	20 x 24 x 2	492 x 592 x 45	10	1650	2720	3400	32	62	88
APSC-44-2	24 x 24 x 2	592 x 592 x 45	10	2000	3400	4250	32	62	88
APSC-24-4	12 x 24 x 4	292 x 592 x 95	10	1000	1700	2125	28	48	72
APSC-04-4	20 x 24 x 4	492 x 592 x 95	10	1650	2720	3400	28	48	72
APSC-44-4	24 x 24 x 4	592 x 592 x 95	10	2000	3400	4250	28	48	72
APHC-24-1	12 x 24 x 1	292 x 592 x 25	15	1000	1700	2125	40	74	88
APHC-04-1	20 x 24 x 1	492 x 592 x 25	15	1650	2720	3400	40	74	88
APHC-44-1	24 x 24 x 1	592 x 592 x 25	15	2000	3400	4250	40	74	88
APHC-24-2	12 x 24 x 2	292 x 592 x 45	15	1000	1700	2125	26	56	80
APHC-04-2	20 x 24 x 2	492 x 592 x 45	15	1650	2720	3400	26	56	80
APHC-44-2	24 x 24 x 2	592 x 592 x 45	15	2000	3400	4250	26	56	80
APHC-24-4	12 x 24 x 4	292 x 592 x 95	15	1000	1700	2125	22	40	64
APHC-04-4	20 x 24 x 4	492 x 592 x 95	15	1650	2720	3400	22	40	64
APHC-44-4	24 x 24 x 4	592 x 592 x 95	15	2000	3400	4250	22	40	64

● Please contact factory for non-standard dimensions

All data are average indicative values with usual manufacturing and testing tolerances. We reserve the right to modify performance data without prior notices due to the constant technical improvement.

© Copyright: Every effort has been made to ensure that the information contained in this publication is accurate at the time of publishing. We assume no responsibility or liability for typographical errors or omissions or for any misinterpretation of the information within the publication and reserves the right to change without notice.

