

BREATHE BETTER with Air Filter Supplies



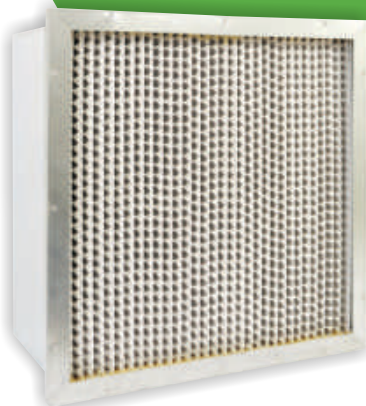
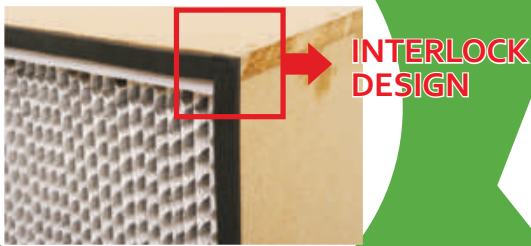
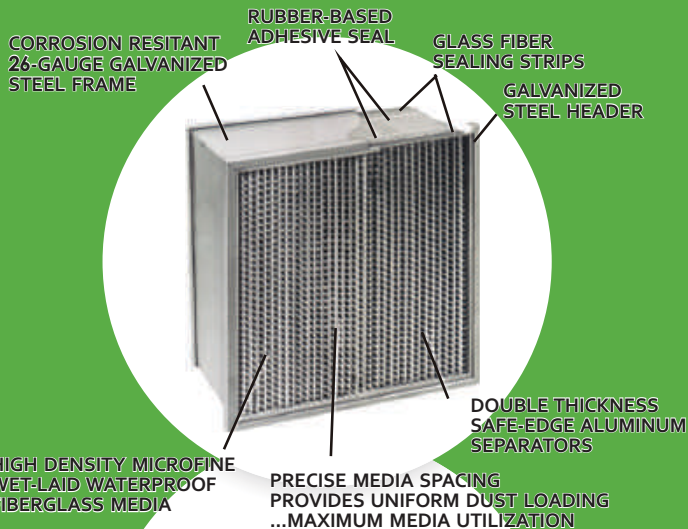
ASHRAE Separator Filter

ADVANTAGE

These specially designed filters allow system to control laminar air flow under high humidity. Hemmed edges on the aluminum reduce possible pleat damage. Low initial pressure media lengthen the life of filters. They meet UL class 900 fire code.

APPLICATIONS

These filters can remove a broad range of airborne contaminants. They can replace pocket filters in pharmaceutical industry, food processing industry, hospital and aerospace. They also can be used in place of rigid cell filter when high holding capacity is needed.



DESCRIPTION

Filters are constructed with stainless, wood, galvanized or aluminum frame with choices of box type, single or double header. Media pleated back and forth over safe edge aluminum to optimize performance. Polyurethane sealant applies throughout all filters to prevent any possible leakage.

SPECIFICATION

- Series: Separator type
- Frame: Wood, galvanized steel, others (box type, single, double header)
- Separators: Aluminium foil
- Media: Wet-laid glass fiber
- Sealant: Polyurethane
- Fire retardant: UL900 Class 1
- Temperature: 80°C
- Humidity: 100% RH
- Efficiency:
 - F6 (EN 779), 60-80% ASHRAE 52.1,
 - F7 (EN 779), 80-90% ASHRAE 52.1,
 - F8 (EN 779), 90-95% ASHRAE 52.1,
- Recommended final pressure drop: 350pa.

Air Filter Supplies is committed to providing a "one-stop shop" for all of your air filtration requirements. As an air filter manufacturer, we are uniquely positioned to custom make most types of air filters.

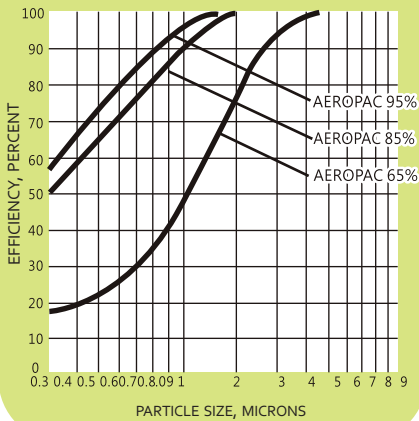
DIMENSIONS AND PERFORMANCE DATA:

ITEM NO.	NOMINAL SIZE W×H×D(inches)	ACTUAL SIZE W×H×D(mm)	EFFICIENCY En779	AIR-FLOW/INITIAL RESISTANCE CFM/W.G CMM/Pa	
				100%	125%
3165122412	12×24×12	289×593×292	F6	1000/0.39 28.3/100	1250/0.57 35.4/145
3165242412	24×24×12	593×593×292		2000/0.39 56.6/100	2500/0.57 70.8/145
316524246	24×24×6	593×593×150		1500/0.39 42.4/100	2000/0.57 56.6/145
3185122412	12×24×12	289×593×292	F7	1000/0.45 28.3/115	1250/0.63 35.4/160
3185242412	24×24×12	593×593×292		2000/0.45 56.6/115	2500/0.63 70.8/160
318524246	24×24×6	593×593×150		1500/0.45 42.4/115	2000/0.63 56.6/160
3195122412	12×24×12	289×593×292	F8	1000/0.55 28.3/140	1250/0.81 35.4/205
3195242412	24×24×12	593×593×292		2000/0.53 56.6/135	2500/0.75 70.8/190
319524246	24×24×6	593×593×150		1500/0.55 42.4/140	2000/0.81 56.6/205

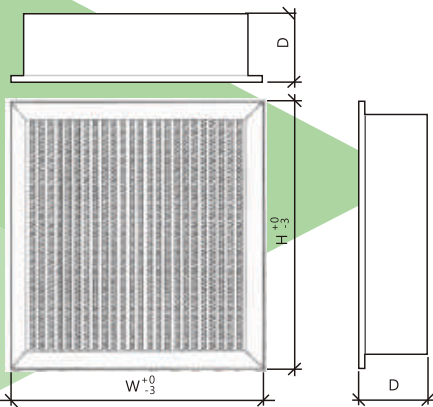
FACE VELOCITY:
STANDARD VELOCITY:246.06FPM(1.25m/s)

■ 1. Extra sizes are available on request

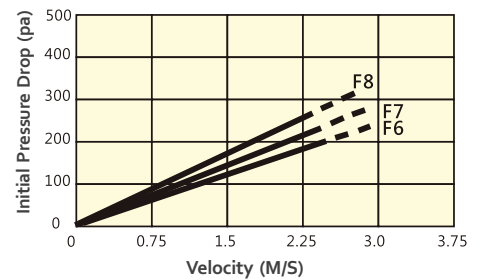
**Effective Particle Size Efficiency
(24"x24"x12)**



ENGINEERING DRAWING



INITIAL RESTRICTION vs. FACE VELOCITY



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