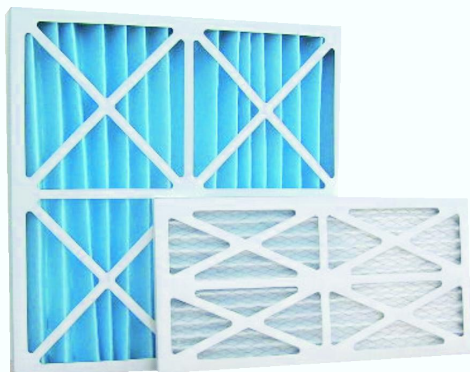




Cardboard Synthetic Pre-filter

UL Class 2



Capacity

- ※ Frame: Cardboard, extruded aluminum, galvanized steel
- ※ Media: Polyester
- ※ Face net: Spot mesh, expanded mesh
- ※ Efficiency: G3/G4(EN779)

Operating Conditions

- ※ Temperature: $\leq 70^{\circ}\text{C}$
- ※ Humidity: $\leq 90\%\text{RH}$

Advantages

- ※ High dust holding capacity
- ※ Compact design, Easy Installation, Light Weight
- ※ High efficiency

Technical Parameters

W*H*D (inch)	W*H*D (mm)	Area (m ²)	Airflow (CMH)	Initial Pressure (Pa)	Airflow (CMH)	Initial Pressure (Pa)※
12*24*1	290*594*20	0.28	930	85	1550	135
20*20*1	496*496*20	0.39	1330		2200	
20*24*1	493*594*20	0.47	1600		2650	
20*25*1	493*623*20	0.49	1660		2760	
24*24*1	594*594*20	0.56	1900		3175	
12*24*2	290*593*45	0.46	930	55	1550	85
20*20*2	496*496*45	0.61	1330		2200	
20*24*2	493*594*45	0.72	1600		2650	
20*25*2	496*623*45	0.76	1660		2760	
24*24*2	594*594*45	0.92	1900		3175	
12*24*4	290*593*92	0.84	930	45	1550	70
20*20*4	493*493*92	1.17	1330		2200	
20*24*4	493*594*92	1.40	1600		2650	
20*25*4	493*620*92	1.46	1660		2760	
24*24*4	593*593*92	1.68	1900		3175	

Recommended final pressure: 200Pa

※ Pressure range $\pm 15\%$.

Different sizes and specifications are available

Description

The filter radial wedge pleat ensures that the greatest media area is exposed to the air flow to promote uniform dust loading

Expanded painted metal provides a flat, stable surface that allows 100% media to metal adhesion. This eliminates media damage caused by overlapping wire grids that cannot be 100% attached. Expanded painted metals give a better corrosion resistance than others.

Applications

Used as prefilters in commercial and industrial central air conditioning systems, clean rooms, and related industries.

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