



# Cardboard Polycotton Pre-filter

UL Class 2



## Capacity

- ※ Frame: Cardboard, extruded aluminum, galvanized steel
- ※ Media: Polycotton
- ※ 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 Installaton, Light Weight
- ※ High efficiency

## Technical Parameters

W*H*D (inch)	W*H*D (mm)	Area (M <sup>2</sup> )	Airflow (CMH)	Initial Pressure (Pa)	Airflow (CMH)	Initial Pressure (Pa) ※
12*24*1	290*594*20	0.28	930	80	1550	130
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	50	1550	80
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	40	1550	65
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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