

We clean the air you breathe®

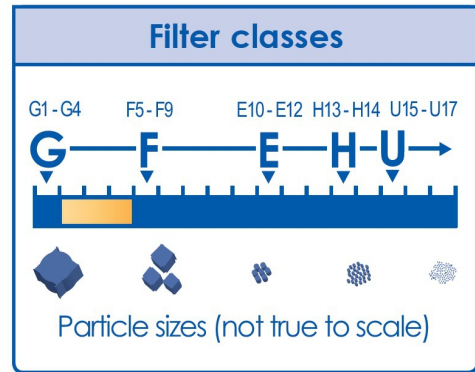
Metal Frame Pleated Pre Filter



Metal Frame Pleated Pre Filter

is used to be a first filtration stage of a HVAC filtration system. The exclusive media, is a specific blend of cotton and polyester fibers. This specific blend incorporates mechanical particle capture principles and does not require an electret charge to enhance efficiency; efficiency is maintained throughout the life of the filter. The media is formed into a radial pleat to ensure full use of the media area, this combination provides a MERV 7 ASHRAE efficiency, a uniform low-resistance to airflow over the life of the filter, and longer life in the system than standard capacity filters. This lower resistance converts to energy savings.

Available in 1" deep, 2" deep and 4" deep configurations. It is ideal for commercial, industrial, medical, institutional or any other application where improved air quality is a concern.



Technical Data:

- Efficiency range from G2, G3, G4, F5 as per EN 779.
- Frame: Cardboard/Aluminum /Galvanized
- Media: Synthetic
- Operating Temperature Standard 80°C
- Humidity: 100% R/H

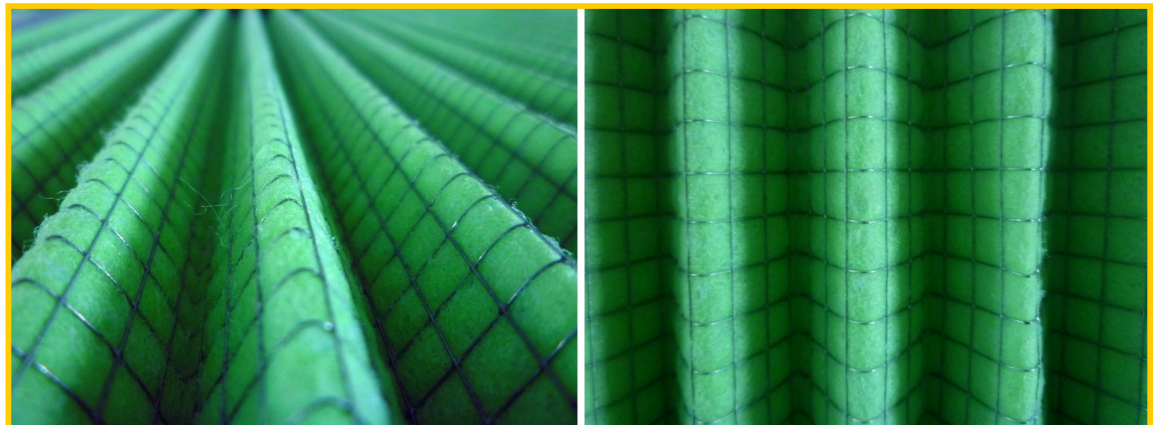
Features and benefits:

- Pre filters offer high air volume
- Aluminium frame can be used several times to save cost.
- Low pressure drop
- Good mechanical strength
- Easy to install
- High dust holding capacity
- Each filter includes a label noting tested efficiency, pressure drop, rated airflow.

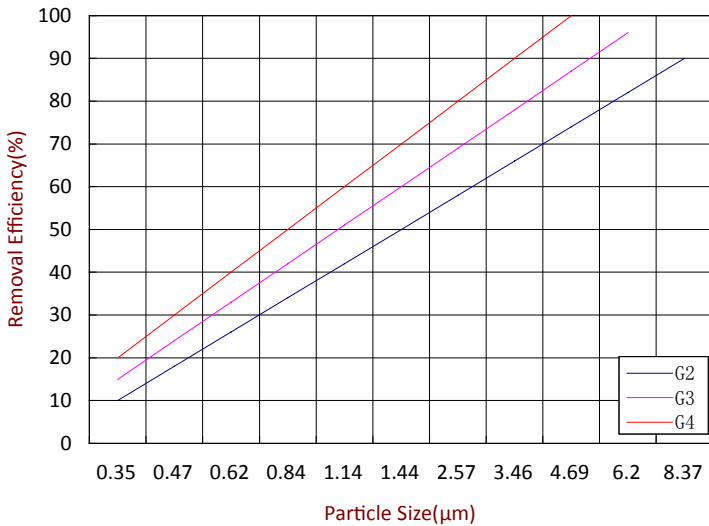
Application:

- As pre-filter for general Home and Industrial ventilation system ;
- Shopping mall;
- Theatres;
- Hospital;
- Residential;
- Office;
- Gym;
- Airport;

Air outlet side mesh keep pleats structure rigid to make higher dust holding capacity.



Composite Minimum Particle Efficiency(EN779)



Material Spec and Running Condition:

Media	Synthetic Fiber
Sealant	Contact Adhesive
Frame Option	Cardboard/Aluminum/Galvanized
Efficiency:	45-90%@5µm
Temperature	≤80℃
Humidity:	Cardboard: ≤80%RH Metal Frame:100%RH
Thickness	21/46/96mm
Flame Resistance	UL-2 (UL 900)

Technical Spec:

Model	Nominal Size WxHxD(Inch)	Actual Size HxWxD(mm)	Rated Airflow (m3/h)	Initial Resistance (≤Pa)	Final Resistance (Pa)	Filtration Area (m ²)	Dust Holding Capacity(g)	Efficiency Class (EN 779)
CPP-24241-G2	24x24x1	595x595x21	1500	30	100-200	0.6	55	G2
CPP-24241-G3	24x24x1	595x595x21	1500	40	100-200	0.6	60	G3
CPP-24241-G4	24x24x1	595x595x21	1500	45	150-250	0.6	110	G4
CPP-20241-G2	20x24x1	495x595x21	1400	30	100-200	0.5	50	G2
CPP-20241-G3	20x24x1	495x595x21	1400	40	100-200	0.5	55	G3
CPP-20241-G4	20x24x1	495x595x21	1400	45	150-250	0.5	100	G4
CPP-12241-G2	12x24x1	287x595x21	800	30	100-200	0.3	30	G2
CPP-12241-G3	12x24x1	287x595x21	800	40	100-200	0.3	40	G3
CPP-12241-G4	12x24x1	287x595x21	800	45	150-250	0.3	90	G4
CPP-24242-G2	24x24x2	595x595x46	2800	30	100-200	1.2	104	G2
CPP-24242-G3	24x24x2	595x595x46	2800	40	100-200	1.2	118	G3
CPP-24242-G4	24x24x2	595x595x46	2800	45	150-250	1.2	222	G4
CPP-20242-G2	20x24x2	495x595x46	2600	30	100-200	1.04	88	G2
CPP-20242-G3	20x24x2	495x595x46	2600	40	100-200	1.04	98	G3
CPP-20242-G4	20x24x2	495x595x46	2600	45	150-250	1.04	185	G4
CPP-12242-G2	12x24x2	287x595x46	1500	30	100-200	0.59	50	G2
CPP-12242-G3	12x24x2	287x595x46	1500	40	100-200	0.59	56	G3
CPP-12242-G4	12x24x2	287x595x46	1500	45	150-250	0.59	108	G4
CPP-24244-G2	24x24x4	595x595x96	3600	30	100-200	2.4	208	G2
CPP-24244-G3	24x24x4	595x595x96	3600	40	100-200	2.4	236	G3
CPP-24244-G4	24x24x4	595x595x96	3600	45	150-250	2.4	444	G4
CPP-20244-G2	20x24x4	495x595x96	3200	30	100-200	2.08	176	G2
CPP-20244-G3	20x24x4	495x595x96	3200	40	100-200	2.08	196	G3
CPP-20244-G4	20x24x4	495x595x96	3200	45	150-250	2.08	370	G4
CPP-12244-G2	12x24x4	287x595x96	1800	30	100-200	1.2	104	G2
CPP-12244-G3	12x24x4	287x595x96	1800	40	100-200	1.2	118	G3
CPP-12244-G4	12x24x4	287x595x96	1800	45	150-250	1.2	222	G4

P.S: Customized size is available!



ZHUOWEI Purification Technology Co., Limited

No.23,ChuangLi Road, ShangSha 2nd Industrial Zone,
ChangAn Town, Dongguan, China,523850

Tel: +86 769 8544 0538 Fax: +86 769 8544 0539

Email: info@zhuowei-filter.com . www.zhuowei-filter.com



© 2013 ZHUOWEI Air Filtration Products