

# Pleated Panel Filter

## Product Features

Used for primary filtration in air vents and air-contact points such as clean rooms, fresh air conditioning systems, fresh air units, and central air conditioning systems. It can be used as the main filter for general central air conditioning, etc., or as a pre-filter for rear-end filters, prolonging the service life of rear-end filters.

1. Low resistance, reduces operating energy, high dust-holding capacity, economical and practical.
2. Washable filter media can be selected, detachable structure, filter media, frame, and protective mesh are reusable.
3. Standard sizes W x H x D(mm):595 x 595 x 46, 595 x 595 x 96, Customization Available.
4. Widely used in industries such as automotive, medical & pharmaceutical, food & beverage, energy & chemical, etc., for pre-filtration in ventilation and air conditioning systems of large civil buildings like office buildings, conference rooms, hospitals, shopping malls, schools, museums, airports, etc.



## Technical Index

Grade: G2、G3、G4 ( EN779 ) , EU2、EU3、EU4

Moisture Resistance: 100% RH

Heat Resistance: ≤100°C

Filter object: ≥ 5μm coarse dust and foreign particles

Filtration Efficiency: 75%, 85%, 95% (ASHRAE 52.1-1992)

Instantaneous Temperature Resistance: ≤120°C

## Material characteristics

Filter media: : polyester synthetic fibers

Frame options: aluminum, stainless steel, and galvanized steel

## Technical Parameter

Model	Filtration Grade	Dimensions (mm) W*H* D	Initial Resistance (Pa)	Final Resistance(Pa)	Rated Air Flow(m <sup>3</sup> /h)
WS-2P01	G3	595*595*20	30	200	3000
WS-2P02		595*595*46	30	200	3400
WS-2P03		595*595*96	35	200	3400
WS-2P10	G4	595*595*20	38	250	2800
WS-2P11		595*595*46	38	250	3400
WS-2P12		595*595*96	40	250	3400

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