

Washable Plank Air Filters

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: G3, G4; MERV5, MERV6, MERV7, MERV8

Moisture Resistance: 100% RH

Heat Resistance: $\leq 100^{\circ}\text{C}$

Filter object: $\geq 5\mu\text{m}$ coarse dust and foreign particles

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

Instantaneous Temperature Resistance: $\leq 120^{\circ}\text{C}$

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^3/h)
WS-1P01	G3(EN799)	595*595*46	35	200	3400
WS-1P02		595*595*96	30	200	3400
WS-1P11	G4(EN799)	595*595*46	50	250	3400
WS-1P12		595*595*96	45	250	3400

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