

# High-Temperature Fiberglass Panel Air Filter

## Product Features

Whalesens fiberglass panel air filters are uniquely designed for high-temperature applications up to 300°C (575°F). The media of this high temp panel filter is composed of multiple layers that are formed by a random array of glass fibers. The nonwoven structure of this filter demonstrates good chemical and temperature resistance.

1. Low resistance, reduces operating energy, high dust-holding capacity, economical and practical.
2. Resistant to chemical corrosion and low liquid loading rate.
3. Designed for high-temperature applications up to 300°C (575°F).
3. Standard sizes W x H x D(mm):500 x 500 x 15, 500 x 500 x 21, 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    Filter object: ≥ 5μm coarse dust and foreign particles  
Moisture Resistance: 100% RH    Filtration Efficiency: 75%, 85%, 95% (ASHRAE 52.1-1992)  
Heat Resistance: ≤240°C    Instantaneous Temperature Resistance: ≤300°C

## Material characteristics

Filter media: : Fiberglass

Frame options: Aluminum, stainless steel, and galvanized steel

## Technical Parameter

Model	Filtration Grade	Dimensions (mm) W*H* D	Initial Resistance (Pa)	Final Resistance(Pa)	Wind Velocity Test (m/s)	Average Weight Efficiency
WS-4P01	G3(EN799)	500*500*15	45	250	1.0	86%
WS-4P02		500*500*21	45	250	1.0	86%
WS-4P03		500*500*96	60	250	1.0	86%

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