

# Metal Plank Filter Mesh

## Product Features

Primarily used in ultra-clean ovens, automotive painting systems, and other high-temperature air purification equipment.

1. Metal construction ,Rigid architecture, high dust-holding capacity, large air volume filtration
2. Standard sizes (W × H × D): 595 × 595 × 15mm ,595 × 595 × 20mm,Custom sizes available.
3. Applications: High-temperature manufacturing processes ,Industrial furnaces & ovens ,Power generation facilities ,Automotive paint curing ovens & exhaust systems ,Aerospace component testing environments.

## Technical Index

Grade: G3, G4

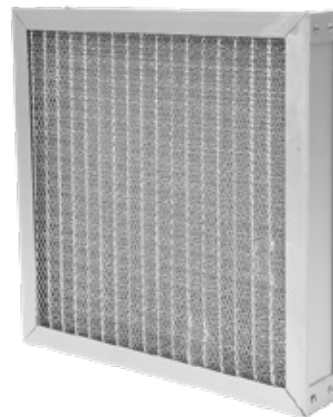
Filter object:  $\geq 1-10\mu\text{m}$  coarse dust and foreign particles

Moisture Resistance: 100% RH

Filtration Efficiency: 45%~95%@0.5 $\mu\text{m}$

Heat Resistance:  $\leq 300^{\circ}\text{C}$

Instantaneous Temperature Resistance:  $\leq 350^{\circ}\text{C}$



## Material characteristics

Filter media: : polyester synthetic fibers

Frame options: aluminum (optional aluminum 7~96mm) , stainless steel, and galvanized steel

## Technical Parameter

Model	Dimensions (mm) W*H* D	Velocity (m/s)	Media Area Flow (m <sup>2</sup> )	Rated Air Flow(m <sup>3</sup> /h)
WS-3P01	287*287*10	2.54	0.17	800
WS-3P02	592*287*10	2.54	0.34	1600
WS-3P03	592*592*10	2.54	0.70	3200
WS-3P04	592*592*15	2.54	1.05	3200
WS-3P05	287*287*21	2.54	0.41	800
WS-3P06	592*287*21	2.54	0.82	1600
WS-3P07	592*592*21	2.54	1.75	3200
WS-3P08	592*490*46	2.54	2.61	2650
WS-3P09	592*287*50	2.54	1.87	1600
WS-3P10	592*592*50	2.54	3.86	3200

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