

High-Temperature Panel Filters

Product Features

High-temp resistant panel air filters are best for use in specific industrial applications that are designed to reach and maintain high temperatures for various industrial processes, such as baking, drying, curing, or heat-treating. They are commonly used in industries such as food processing, automotive, aerospace, and electronics, among others.

1. Exceptional High-Temperature Resistance: Specifically engineered for industrial processes requiring sustained high temperatures (e.g., baking, drying, curing, heat-treating).
2. Critical Contaminant Capture: Effectively traps dust, debris, paint/coating particles, and finishing material residues to prevent product defects and contamination.
3. Resistant to chemical corrosion, strong heat resistance and low moisture absorption.
4. Standard sizes W x H x D(mm): 500 x 500 x 12, 500 x 500 x 21, Customization Available.
5. Applications:

Industrial high-temperature ovens for coating or painting
Hot air high-temp ovens
General dust filters



Technical Index

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

Filter object: 1-10 μ m coarse dust and foreign particles

Moisture Resistance: 100% RH

Heat Resistance: $\leq 240^{\circ}\text{C}$

Material characteristics

Filter media: : flame-retardant fibers

Frame options: Galvanized, stainless steel or aluminum

Technical Parameter

Model	Grade	Dimensions (mm) W*H* D	Initial Resistance (Pa)	Final Resistance(Pa)	Wind Velocity Test (m/s)	Average Weight Efficiency
WS-5P01	G3	500*500*15	50	250	1.0	86%
WS-5P02	G4	500*500*21	50	250	1.0	86%

Web: www.whalesens.com
Email: whalesens@gmail.com
Tel: +8613119189886

Whalesens Technology Co., Ltd