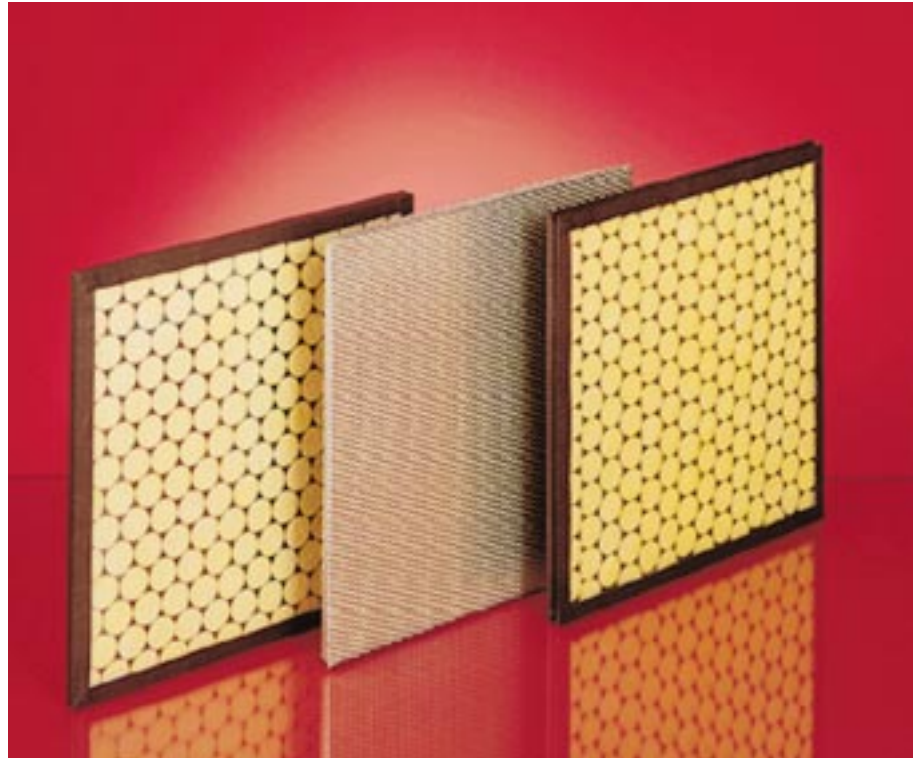




CG® Series

High Efficiency Panel Filter for
Paintspray and Drying booth Applications

- High dust holding capacity
- Lightweight and easy to install
- Suitable for high temperature applications



The CG®-series panel filters are used in air supply and diffusion applications in paintspray booths, and in drying operations in the automotive, chemical, pharmaceutical and fine mechanical industries. They are particularly suitable as final filters in applications in which a high degree of air cleanliness is required.

Construction

The CG®-filter media is made of very fine glass fibres bonded together into a

uniform high efficiency filter mat, protected on the clean air side with a glass fibre backing to prevent particle migration. This backing material has a white colour to maximize light reflection in paintspray cabins.

The filter media pack is held in a chipboard frame between perforated metal grilles, except in types CGS-HT and CGL-HT, where the media is held in a fine expanded aluminium housing for high temperature applications.

Execution

15 mm

CGS & CGL

20 mm

CGS-W & CGL-W

15 mm

CGS-HT & CGL-HT



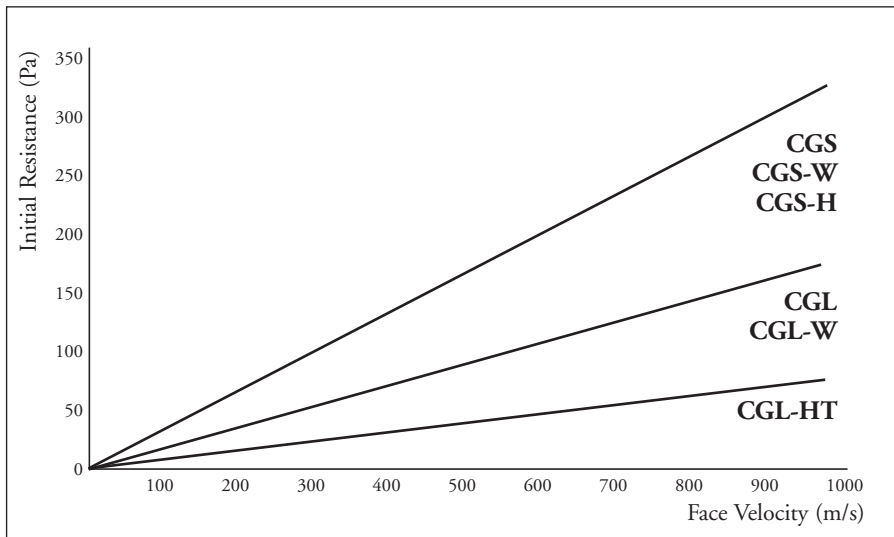
CG[®] Series

Technical Data

Type	CGS	CGS-W	CGS-HT	CGL	CGL-W	CGL-HT
Average arrestance* (%)	98	98	98	95	95	95
Average efficiency* (%)	45-50	45-50	45-50	30-40	30-40	30-40
EN779 classification	F5	F5	F5	G4	G4	G4
Rated face velocity (m/s)	0.6	0.6	0.6	1.2	1.2	1.2
Rated initial resistance* (Pa)	160	160	160	170	170	75
Recommended final resistance* (Pa)	550	550	550	550	550	550
Depth (mm)	15	20	15	15	20	15
Temperature limits (°C) (continuous operation)	90	90	200	90	90	300

* All data based on ASHRAE 52-76 test method (EN779)

Airflow Resistance



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