



## CP Air Filters

Element Filtration Grade		P	G - Oil	S - Dust	C - Oil	D - Dust	V
Type		Pre-filter	Coalescing	Dust	High-efficiency Coalescing	High-efficiency Dust	Activated Carbon
Element colour		Yellow	Green	Green	Red	Red	-
Application		General purpose	Liquid removal	Dust filter	Fine liquid removal	Fine dust filter	Vapor & Odor removal
Maximum	Micron	3	N.A.	1	N.A.	0.01	N.A.
Particle Size	ISO Class	3	N.A.	2	N.A.	1	N.A.
Maximum Oil	mg/m <sup>3</sup>	< 1	< 0.1	N.A.	< 0.01	N.A.	0.003
Concentration	ISO Class	3	2	N.A.	1	N.A.	1
Temperature Limit		max 66 °C	max 66 °C	max 66 °C	max 66 °C	max 66 °C	max 35 °C

Remark: G and S filters use the same 'Green' element, while C and D filters use the same 'Red' element. Different methods of installation are used for oil or dust filtration purposes.

## Elements and Efficiency



### G FILTER RANGE

Coalescing filters for general purpose

Max. oil carry over 0.1 mg/m<sup>3</sup>



### S FILTER RANGE

Particulate filters for dust

*Solid Count Efficiency:*

99.97% - 1 μm

99.87% - 0.01 μm



### C FILTER RANGE

High-efficiency coalescing filters for solid particles, liquid and oil aerosol

Max. oil carry over 0.01 mg/m<sup>3</sup>



### D FILTER RANGE

High-efficiency particulate filters for dust

*Solid Count Efficiency:*

99.999% - 1 μm

99.992% - 0.01 μm



### V FILTER RANGE

Activated carbon filters for oil vapour and odors

Max. oil carry over 0.003 mg/m<sup>3</sup>



### P FILTER RANGE

Coalescing and particulate general purpose prefilter

*Solid Count Efficiency:*

94.19% - 1 μm

93.63% - 0.01 μm

Max. oil carry over 1 mg/m<sup>3</sup>