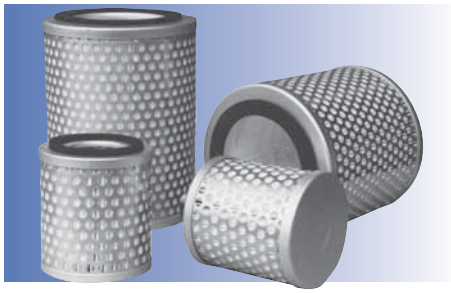

CB - CA

DELTA series, cartridge absolute filters

Product	CB	CA
*MPPS efficiency**	99,95 %	99,995 %
CEN EN 1822 classification	H 13	H 14
Suggested final pressure drop	400 Pa	400 Pa
Maximum pressure drop	600 Pa	600 Pa
Maximum operating temperature	70 °C	70 °C
Maximum relative humidity	100 %	100 %

**** Average efficiency. Punctual efficiency has an admitted penetration rate 5 times higher.***

CB cartridge absolute filters, HEPA class, are made of a perforated aluminium sheet cylinder which holds the fiber-glass filter media, mini-pleated with constant pitch and continuous thermal plastic spacers. The medium is fixed inside the container through a polyurethane sealant. The air inlet ends, which are installed on the main frame or the terminal, are fitted with a tight one piece closed cell neoprene gasket. The air to filter enters from the open inlet and expands through the crown-arranged filtration medium, passes through the medium and comes out of the holes in the external aluminium sheet. The bottom of the cartridge is blind, made of anodized aluminium sheet.

Hence the perforated aluminium surface of the cartridge has a dual role:
- it protects the filter media
- it lets the air flow out.

CB series cartridges, like all absolute filters, must be fitted with pre-filters to extend their operating life and must be eliminated at the end. They have low pressure drop levels, great mechanical resistance and robust construction.

Applications The absolute cartridge filters of the CB series, are used in all those cases which call for high filtration efficiencies but with low air flow rates. They can operate in turbulent or laminar flow systems.
Generally, CB cartridges are suitable for small rooms with controlled contaminations or for localized uses in larger rooms. Using more than one cartridge on the same frame allows you to meet the most specific use requirements.

Installation CB filters are suitable for installation directly on terminal hoods, or on frames according to the number of filters needed. In both cases, installation and maintenance operations (replacement at the end of the operating life) are very simple and quick.

Type	Diameter (mm)	High (mm)	Nominal air flow rate Q.		Initial pressure drop Pa	
CB - CA	ø	H	m³/h	m³/sx10⁻³*	CB	CA
90	175	180	90	25	200	270
130	175	180	130	36	200	270
170	175	230	170	47	200	270

****1 m³/s x 10⁻³ = 1 l/s***

Size