



CFE™



Kompakt- Filtersysteme

- kompakt
- effizient
- wirtschaftlich

Kompetente
Lösungen für
Industrie und Umwelt

Compact- Filter Systems

- compact
- efficient
- economical

The effective solution
for industry and the
environment

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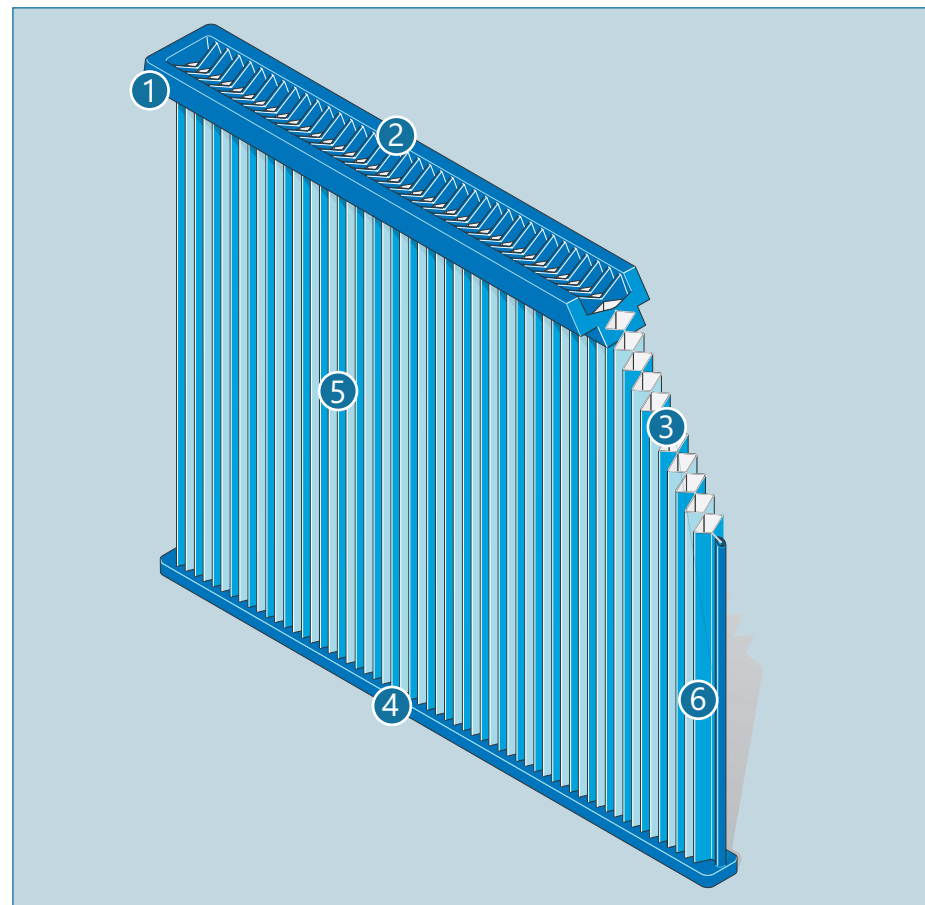
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Issue Number 3/2016

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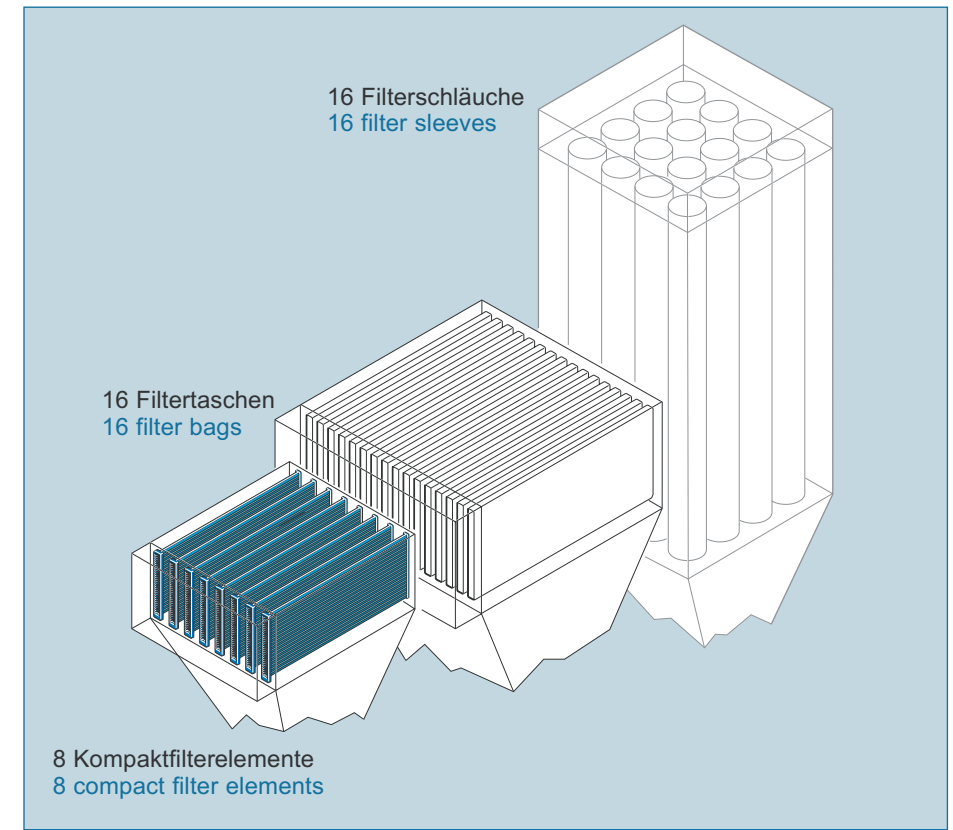
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Funktion Special Features

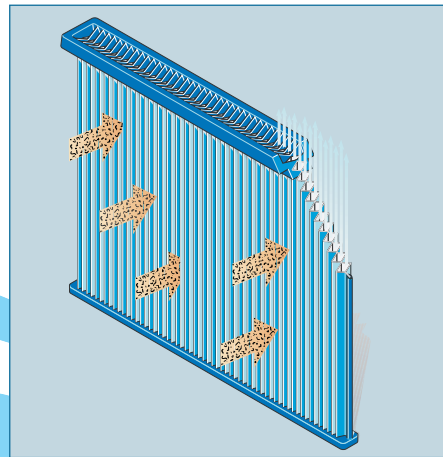
- 1 Selbstdichtender Elementkopf
Resilient mounting flange.
- 2 Venturiförmige Konstruktion optimiert die Strömungsverhältnisse
Aerodynamic shape optimises air flow during filtering and cleaning.
- 3 Hohe Formstabilität aufgrund durchgehend verbundener Faltenspitzen
Continuously bonded pleats ensure a stable but flexible form.
- 4 Starr vergossener Elementfuß sichert die Gesamtstabilität
Rigid base supports and protects the filter element.
- 5 Spezielle Filtermedien für eine Vielzahl von Anwendungen
Special filter media suit a variety of applications.
- 6 Kantenschutz für erhöhte Stabilität
Edge seals provide support and stability.



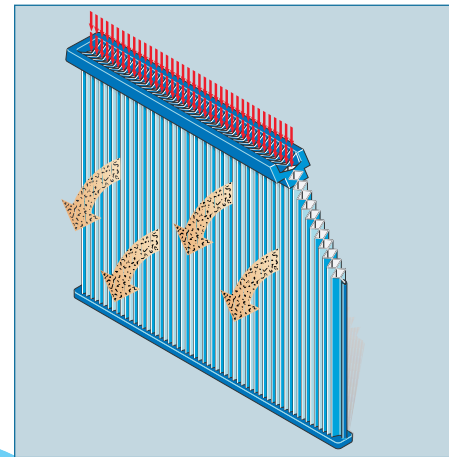
Vorteile beim Einsatz von Kompaktfiltern
Advantages of using Compact Filters

2-3 fache Filterfläche im Vergleich zu herkömmlichen Filtertaschen	2-3 times more filtration area compared to conventional filter bags
Selbsttragende Konstruktion – keine Stützkörper erforderlich	Self-supporting construction – No support cages necessary
Hohe Abscheideleistung – geringe Emission	High retention efficiency – Reduced emission levels
Längere Standzeiten (durch starre Elementkonstruktion)	Exceptionally long service life
Einfache, schnelle und saubere Montage / Demontage	Simple, quick and clean to fit and replace
Einbau in bestehende herkömmliche Anlagen möglich	Can be retrofitted into existing units

Betrieb Filtering



Regeneration Cleaning



Nutzen Sie unsere langjährige Erfahrung für Ihren speziellen Anwendungsfall
Our many years of experience bring extra benefits for your special application

Important applications from a multitude of dust collection processes

Anwendungsbeispiele in einer Vielzahl von Entstaubungsprozessen

Maschinen- und Anlagenbau	Original Equipment Manufacturers
Automobilindustrie	Motor Industry
Tiefbau – Tunnel- und Bergbau	Civil engineering – Tunnelling and mining
Laserschnitt	Laser cutting
Metallspritzen	Metal spraying
Fördertechnik	Materials handling and conveying
Zement / Kalkindustrie	Cement, lime and mineral products
Chemie- und Kunststoffindustrie	Chemical and plastics
Metallurgie	Metallurgy
Lebensmittelindustrie	Foodstuffs
Pulverbeschichtung	Powder coating
Silo- und Bunkerbetrieb	Silo and bunker operation
Futtermittel / Düngemittel	Animal feed / fertilizer
Asbestentsorgung	Asbestos disposal

Auszug Materialübersicht

Rohstoff:
Polyester-Filz / Polyester-Vlies
Ausrüstung:

Antistatisch	Antistatic
Öl- und wasserabweisend	Oil and water repellent
Mit mikroporöser Oberfläche	Microporous surface treatment
Mit mikroporöser Oberfläche – antistatisch	Microporous surface treatment – antistatic
Mit PTFE-Membran	PTFE membrane
Mit PTFE-Membran – antistatisch	PTFE membrane – antistatic

Selection of available materials

Raw material:
Polyester felt / Polyester nonwoven
Finish: