

KARA® F I L T E R

The Core of Our Products - The Open Airflow Principle

In conventional overspray separation practices of past decades, airflow is forced once through a filter medium or channeled through a series of 180°-turns via forced air routing.

The Consequences:

- **Disproportionately high, rapidly exponential increases in differential pressure**, leading to rising energy consumption.
- **A production process under stress**, pushing equipment to its limits and accelerating wear.
- **Frequent back-pressure effects**, causing uncontrolled deposits that negatively impact surface quality.
- **Moderate to heavy contamination of the spray booth**, resulting in additional cleaning efforts.
- **Short separator service life** and frequent changes, leading to lost production time.

The KARA "Open Airflow" concept, integrated into all our product lines, provides the solution.

The combination of advanced engineering and specialized materials ensures operation at consistently lower differential pressure levels, reducing your energy costs—from the very first hour of operation.

See reverse for details of your benefits.

THE ART OF ®EVOLUTION

- Reduces Energy Costs •
- Optimizes Results •
- Extends Lifetime •

Individual. Ecological. Financially Efficient

The Concept. The Benefits.

A smooth airflow through the open structure ensures steady and progressive separation performance, effectively removing stress from the system.

Back-pressure effects are largely eliminated, maintaining consistently high production quality and significantly improving booth cleanliness.

Our concept transforms the challenge of overspray into a solution: through its adhesive properties, the overspray itself becomes part of the filtration medium. Dealing with extremely fast-drying paint? Our high-performance materials exhibit unique characteristics that provide a reliable and secure solution even in these demanding cases.

Typically, KARA FILTER products offer approximately double the service life and enhanced separation performance compared to conventional dry separators from other manufacturers. These extended change intervals generate additional production time for our customers, reduce procurement and disposal costs, and realize financial savings on an entirely new scale.

Discover the performance a modern dry separator can deliver in 2026. A long-overdue enhancement for your daily production workflow.

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THE ART OF [®]EVOLUTION

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