

WHITE LINE • DELFIN • POWERFUL DUST COLLECTOR FOR POINT EXTRACTION

ZFR EV AP 560 K4 & ZEFIRO EV AP 560 K5

The Delfin ZFR EV AP 560 K4 and Delfin ZEFIRO EV AP 560 K5 are the most powerful models in the ZEFIRO EV range, designed for localised point extraction in production environments with heavy dust loads. The K4 delivers 4 kW and up to 3.500 m³/h airflow with 370 mmH₂O vacuum; the K5 delivers 5.5 kW and up to 3.000 m³/h with 470 mmH₂O vacuum and comes equipped with ΔY start and an integrated 24 V control panel.

- K4: 3.500 m³/h, K5: 3.000 m³/h — powerful point extraction
- Star filter class M with 50.000 cm² surface area
- 100 L collection container — less frequent emptying
- K5 with ΔY start and 24 V control panel included
- HEPA H14 absolute filter as an option
- IP55 — stainless steel as an option



Delfin ZFR EV AP 560 K4 and ZEFIRO EV AP 560 K5 powerful dust collectors for localised point extraction

CE — Machinery Directive 2006/42/EC · IEC 60335-2-69 — Filter class M · IP55 · IE3 motor · K5: ΔY start included

Key Facts	
Type	Dust Collector
Motor K4	4 kW IE3
Motor K5	5.5 kW IE3
Airflow K4	3.500 m³/h
Airflow K5	3.000 m³/h
Vacuum K4	370 mmH ₂ O
Vacuum K5	470 mmH ₂ O
Noise	74 dB(A)
Container	100 L
Filter	Class M — 50.000 cm²
IP Rating	IP55
Weight	130 kg
Suction Inlet	Ø200 mm

What are the Delfin ZFR EV AP 560 K4 and ZEFIRO EV AP 560 K5?

The Delfin ZFR EV AP 560 K4 and ZEFIRO EV AP 560 K5 are powerful dust collectors designed for localised point extraction of fine, airborne dust directly at the source in production environments. They prevent dust spread in the working environment by capturing particles close to the production process — either via fixed connected pipework or a flexible extraction arm (optional). The K4 delivers 4 kW and up to 3.500 m³/h maximum airflow; the K5 delivers 5.5 kW and up to 3.000 m³/h with greater vacuum pressure. Both feature a 100 L collection container and work with a star filter class M (50.000 cm²) with manual cleaning.

Key difference: The K5 is equipped with a ΔY start (vector start) and integrated 24 V control panel, making it well-suited for heavier industrial processes with very high dust loads. Both are constructed in fully welded steel

with IP55 classification. As options, upgrades to HEPA H14 absolute filter, antistatic class M filter, activated carbon filter, or stainless steel AISI 304 construction are available.

Not a vacuum cleaner: The ZFR EV AP 560 K4 and ZEFIRO EV AP 560 K5 are stationary dust collectors for localised point extraction — not mobile vacuum cleaners. The units are placed at the production source and connected via fixed pipework or an extraction arm to capture fine dust before it spreads into the working environment.

Technical Specifications K4 and K5 – Comparison

Parameter	K4	K5
Power	4 kW	5.5 kW
Current	7.6 A	10 A
Supply Voltage	400 V, 50 Hz, 3-phase	
IP Rating	IP55	
Vacuum max	370 mmH ₂ O	470 mmH ₂ O
Airflow max	3.500 m ³ /h	3.000 m ³ /h
Suction Inlet	Ø200 mm	
Collection Container	100 L	
Primary Filter	Star filter (bags)	
Filter Surface / Diameter	50.000 cm ² / Ø560 mm	
Filter Medium / Class	Polyester / class M (IEC 60335-2-69)	
Filter Cleaning	Manual	
Noise Level (EN ISO 3744)	74 dB(A)	
Dimensions (L×W×H)	78 × 118 × 214 cm	
Weight	130 kg	
Construction	Fully welded steel	
ΔY Start	Optional	Included
24 V Control Panel	Optional	Included

CE marking based on: IEC 60335-2-69 • Machinery Directive 2006/42/EC • Low Voltage Directive 2014/35/EU • EMC Directive 2014/30/EU

Options

Both K4 and K5 can be configured with a range of options that adapt the units to specific environmental requirements.

- **HEPA H14 absolute filter** — cartridge-type with 10 m² surface for maximum particle retention
- **Antistatic class M filter** — for environments with antistatic requirements
- **Stainless steel AISI 304 collection container** — chemical resistant
- **Stainless steel container + filter chamber** — extended corrosion protection
- **Fully stainless steel construction** — filter chamber, container, cover and frame in AISI 304
- **Earth grounding** — ESD protection against electrostatic charging
- **Remote control** — K5 with standard remote; K4 with 24 V-compatible variant
- **Various motor configurations** — available upon request

CONTACT

Particulair — Life Science Hub

Nordic specialist in industrial vacuum for pharma & life science

Højtoften 12, 2690 Karlslunde, Denmark

Tel: +45 70 23 12 03 · sales@particulair.com · particulair.eu/life-science/