

WHITE LINE · DELFIN · DUST COLLECTOR FOR POINT EXTRACTION

## Delfin ZFR EV AP 560 K1 and K2

Dust collector for localised point extraction of fine dust in production environments. Two motor sizes: K1 with 1.1 kW and 1,500 m³/h, K2 with 2.2 kW and 2,500 m³/h. 100 L collection container. Star filter class M with 50,000 cm² filter surface. Manual filter cleaning. IP55.

- Up to 2,500 m³/h airflow — K1 or K2 to suit your needs
- Star filter class M with 50,000 cm² surface area
- Ø200 mm suction inlet — 100 L collection container
- Antistatic polyester — suitable for fine, conductive dust
- HEPA H14 absolute filter available as option
- IP55 — stainless steel available as option



Delfin ZFR EV AP 560 dust collector for localised point extraction

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

| Quick facts   |                              |
|---------------|------------------------------|
| Type          | Dust collector               |
| Motor         | 1.1 / 2.2 kW IE3             |
| Airflow       | 1,500 / 2,500 m³/h           |
| Vacuum        | 160 / 210 mmH <sub>2</sub> O |
| Noise         | 72 dB(A)                     |
| Container     | 100 L                        |
| Filter        | Class M — 50,000 cm²         |
| IP rating     | IP55                         |
| Weight        | 100 kg                       |
| Suction inlet | Ø200 mm                      |

### What is the Delfin ZFR EV AP 560?

The Delfin ZFR EV AP 560 is a range of dust collectors for localised point extraction of fine, airborne particles in production environments. The range is available in two motor sizes: K1 with 1.1 kW and 1,500 m³/h maximum airflow, and K2 with 2.2 kW and 2,500 m³/h. Both variants feature a Ø200 mm suction inlet, 100 L collection container and antistatic star filter class M with 50,000 cm² surface area. The units are designed to capture fine powder at the source and prevent dust from spreading into the working environment — typically via fixed ductwork or an articulated extraction arm.

The construction is complete painted steel with IP55 rating. The star filter element with 50,000 cm² antistatic polyester class M surface is cleaned manually. Optional upgrades include HEPA H14 absolute filter, stainless steel AISI 304 construction, remote control with 24 V electrical panel or earth grounding (ESD).

**Not a vacuum cleaner:** The ZFR EV AP 560 is a stationary dust collector for localised point extraction — not a mobile vacuum cleaner. The unit is positioned at the production source and connected via fixed ductwork or extraction arm to

capture fine dust before it spreads into the working environment.

## Technical specifications

| Parameter                 | K1                                       | K2                      |
|---------------------------|------------------------------------------|-------------------------|
| Voltage                   | 400 V, 50 Hz, 3-phase                    |                         |
| Power (IE3 motor)         | 1.1 kW                                   | 2.2 kW                  |
| Current draw              | 2.4 A                                    | 4 A                     |
| IP rating                 | IP55                                     |                         |
| Max vacuum                | 160 mmH <sub>2</sub> O                   | 210 mmH <sub>2</sub> O  |
| Max airflow               | 1,500 m <sup>3</sup> /h                  | 2,500 m <sup>3</sup> /h |
| Suction inlet             | Ø200 mm                                  |                         |
| Collection container      | 100 L                                    |                         |
| Primary filter            | Star filter (bag)                        |                         |
| Filter surface / diameter | 50,000 cm <sup>2</sup> / Ø560 mm         |                         |
| Filter media / class      | Polyester ANT / class M (IEC 60335-2-69) |                         |
| Filter cleaning           | Manual                                   |                         |
| Noise level (EN ISO 3744) | 72 dB(A)                                 |                         |
| Dimensions (L×W×H)        | 78 × 118 × 214 cm                        |                         |
| Weight                    | 100 kg                                   |                         |
| Construction              | Complete painted steel                   |                         |

**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

The ZFR EV AP 560 can be configured with a range of options to adapt the unit to specific environmental requirements.

- **HEPA H14 absolute filter** — cartridge type for maximum particulate retention
- **Stainless steel AISI 304 collection container** — chemically resistant
- **Stainless steel container + filter chamber** — extended corrosion protection
- **Full stainless steel construction** — filter chamber, container, cover and frame in AISI 304
- **Earth grounding** — ESD protection against electrostatic charge build-up
- **Remote control** — 24 V electrical panel with remote operation

### CONTACT

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