

WHITE LINE · DEPURECO · MOBILE DUST COLLECTOR

Depureco DF 22

Mid-sized mobile dust collector with a 2.2 kW centrifugal fan and up to 1,400 m³/h airflow. Three inlet sizes (Ø100, 120 and 150 mm), 65 L bin, class M star filter and optional reverse-jet cartridge cleaning. IP55.

- 2.2 kW centrifugal fan — powerful yet compact
- Up to 1,400 m³/h with the Ø150 mm inlet
- Constant 350 mmH₂O vacuum at any inlet size
- Class M star filter with 24,000 cm² surface
- Options: HEPA H13, SP auto-cleaning, stainless steel
- IP55 with insulation class F — ready for demanding environments



Depureco DF 22 mobile dust collector with 2.2 kW centrifugal fan and articulated extraction arm

CE — Machinery Directive 2006/42/EC · EN 60335-2-69 · IP55 — Insulation class F · Class M star filter · H13 absolute filter available as option

Quick facts	
Application	Airborne dust
Motor	Centrifugal fan
Power	2.2 kW
Airflow	Up to 1,400 m³/h
Vacuum	350 mmH ₂ O
Inlet	Ø100 / 120 / 150 mm
Noise	73 dB(A)
Bin	65 L
IP rating	IP55
Weight	120 kg
Mobility	Wheeled / mobile

What is the Depureco DF 22?

The Depureco DF 22 is the mid-sized mobile dust collector in the DF range. Its 2.2 kW drivetrain delivers up to 1,400 m³/h with the largest Ø150 mm inlet and up to 350 mmH₂O at any of the three inlet sizes, giving a strong balance between high airflow and useful vacuum. The machine shares its chassis (660 × 800 mm, height 1,630 mm) and 65 L bin with the smaller DF 075 but uses a more powerful motor and weighs 120 kg.

The primary filter is a class M polyester star filter with 24,000 cm² surface and manual cleaning. Options include automatic reverse-jet cartridge cleaning (SP) with 90,000 cm² of antistatic polyester, a H13 HEPA stage as secondary filter, and a range of motor and construction options in stainless steel.

Same chassis as the DF 075: The DF 22 and DF 075 share external dimensions and bin. The difference lies in the motor (0.75 kW vs. 2.2 kW), maximum airflow (800 vs. 1,400 m³/h) and maximum vacuum (200 vs. 350 mmH₂O). Choose the DF 22 when the task demands more airflow and a higher noise level (73 vs. 70 dB(A)) is acceptable.

Technical specifications

Parameter	Ø100 mm	Ø120 mm	Ø150 mm
Motor type	Centrifugal fan		
Power	2.2 kW (3 HP), 3-phase		
Voltage / frequency	400 V, 50/60 Hz		
IP rating / insulation	IP55 — insulation class F		
Max vacuum	350 mmH ₂ O	350 mmH ₂ O	350 mmH ₂ O
Static depression	340 mmH ₂ O	320 mmH ₂ O	280 mmH ₂ O
Max airflow	800 m ³ /h	1,000 m ³ /h	1,400 m ³ /h
Noise level	73 dB(A)		
Collection bin	65 L (100 L optional)		
Dimensions (L×W)	660 × 800 mm		
Height	1,630 mm		
Weight	120 kg		
Primary filter	Star — Polyester class M (IEC 60335-2-69) — 24,000 cm ²		
Filter cleaning (std.)	Manual		
Automatic cleaning (option)	SP — 3× cartridge, 90,000 cm ² antistatic polyester, reverse-jet		
HEPA option	H13 — 120,000 cm ² fibreglass (EN 1822)		
Construction	Painted steel — stainless steel optional		

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

Options

The DF 22 can be configured with a wide range of options that tailor the machine to specific environmental and process requirements.

- **460 V 60 Hz 3-phase motor** — US voltage and frequency
- **220–380 V 60 Hz 3-phase motor** — alternative voltage
- **230 V 50 Hz 1-phase motor** — single-phase drive
- **H13 absolute filter (HEPA)** — secondary filter, 120,000 cm² fibreglass (P12819)
- **BFL — class M filter** — 38,000 cm²
- **ANT M — class M antistatic filter** — 38,000 cm²
- **NOMEX heat-resistant filter** — up to 250 °C
- **PTFE — class M PTFE-coated filter** — 38,000 cm²
- **PTFE ANT — PTFE antistatic class M filter** — 38,000 cm²
- **SP — automatic reverse-jet cartridge cleaning** — 3× antistatic polyester cartridges, 9 m²

- **PSC — pneumatic filter shaker** — pneumatic cleaning system
- **ACB — activated carbon filter** — odour reduction and gas filtration
- **GRD — earth grounding** — ESD protection against electrostatic charging
- **100LT — 100 L bin** — larger collection capacity
- **SIL — silencer kit** — reduces operating noise
- **BX — stainless steel bin** — AISI 304
- **GX — stainless steel bin and filter chamber** — AISI 304
- **TX — full stainless steel construction** — AISI 304 (fan excluded)
- **FX — stainless steel fan** — AISI 304
- **UL/CSA** — UL/CSA certification (on request)

Accessories

An extensive accessory programme makes the DF 22 flexible in combination with hoses, extraction arms and spare filters.

- **P12300/100, /120, /150** — flanged connections for flexible hoses, Ø100, 120 and 150 mm
- **P12335/70, /100, /120** — two-way flange couplings, Ø70–70, 100–100 and 120–120 mm
- **P12334/100** — flanged coupling for articulated extraction arm Ø100 mm
- **P12334** — flanged coupling for articulated extraction arm Ø160 mm
- **P12336/100** — articulated extraction arm Ø100 mm, 2.7 m reach
- **P12336** — articulated extraction arm Ø160 mm, 3 m reach
- **P10095, P12358, P12359** — metal hose clamps, Ø100, 120 and 150 mm
- **P11718** — spare star filter class M
- **P09577** — spare cartridge filter for the SP version (1 pc)

CONTACT

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