MOBILE ATEX DUST COLLECTOR · DEPURECO

Depureco DF 22 DEX 1/3D

Dust collector for explosive atmospheres.

The ATEX version of the DF 22 for combustible dust, including conductive dust (IIIC). Zone 20 inside, zone 22 outside.



€5,220

List price excl. VAT, for business customers. Freight and installation not included.

II 1/3 D Ex h IIIC T140°C Da/Dc

Zone 20 inside, zone 22 outside; Dust group IIIC, including conductive dust.

II 3D Ex h IIIC T140 Dc

With the SP kit fitted (DF 22 SP ATEX, code A1901): category 3 inside and outside, so zone 22 also inside the machine.

TECHNICAL DATA

Model	DF 22 DEX 1/3D	Variant DF 22 SP ATEX
PERFORMANCE		
Inlet and max. air flow	**Ø100 mm – 800 m³/h, Ø120 mm – 1,000 m³/h, Ø150 mm – 1,400 m³/h**	**Ø100 mm – 800 m³/h, Ø120 mm – 1,000 m³/h, Ø150 mm – 1,400 m³/h**
Max. negative pressure	**350 mmH2O at Ø100, Ø120 and Ø150**	**350 mmH2O at Ø100, Ø120 and Ø150**
Power	**2.2 kW, ATEX-certified 3D fan**	**2.2 kW, ATEX-certified 3D fan**
Voltage, frequency	**400 V, 50/60 Hz**	**400 V, 50/60 Hz**
FILTRATION		
Primary filter	**Star filter, class M, antistatic polyester, 24,000 cm²**	**3 cartridges, class M, antistatic polyester, 90,000 cm²**
HEPA filter	**HEPA H13 option, 120,000 cm²**	**HEPA H13 option, 120,000 cm²**
Filter cleaning	**Manual shaker; PSC and SP available**	**Reverse jet with compressed air (SP kit fitted)**
MACHINE		
Container	**Stainless steel container AISI 304, 65 l**	**Stainless steel container AISI 304, 65 l**

Model	DF 22 DEX 1/3D	Variant DF 22 SP ATEX
Dimensions	**660 × 800 mm, height 1,630 mm**	**660 × 800 mm, height 1,910 mm**
Weight	**120 kg**	**135 kg**
Noise level	**73 dB(A)**	**73 dB(A)**
ATEX		
Marking	**II 1/3 D Ex h IIIC T140°C Da/Dc**	**II 3D Ex h IIIC T140 Dc**
Item code	**A1750 (catalogue)**	**A1901 (catalogue)**
PRICE		
List price excl. VAT	**€5,220**	**€7,700**

Source: Depureco EU declaration (facsimile) DF DEX II 1/3D, manual DF series (EN, rev. 01) and data sheet, as compiled in our model list (8 October 2026). Where sources differ, the declaration and the manual apply. SP ATEX variant: Depureco price list 2026 (v. 1.1), p. 91. Price: Depureco price list 2026 (v. 1.1), p. 91.

OPTIONS, FILTERS AND ACCESSORIES

What Depureco supplies for this model. Ask us for a price.

Description	Item code
MOTOR	
ATEX fan 200 V, 50 Hz, three-phase	–
ATEX fan 200 V, 60 Hz, three-phase	–
ATEX fan 460 V, 60 Hz, three-phase	–
FILTRATION	
H13 kit, secondary filter with PTFE membrane (EN 1822-5)	**P12819**
PTFE antistatic filter, class M (38,000 cm²)	**PTFE ANT**
CONSTRUCTION	
AISI 304 stainless steel bin and chamber	**GX**
100 l bin	**100LT**
Silencer kit	**SIL**
ACCESSORIES	
Flanged connection for flexible hose, Ø70 mm	**P12300/70**
Flanged connection for flexible hose, Ø100 mm	**P12300/100**
Flanged connection for flexible hose, Ø120 mm	**P12300/120**
Flanged connection for flexible hose, Ø150 mm	**P12300/150**
Metal clamp, Ø70 mm	**P09697**

Description	Item code
Metal clamp, Ø100 mm	**P10095**
Metal clamp, Ø120 mm	**P12358**
Metal clamp, Ø150 mm	**P12359**
Two-way flanged connection, Ø70–70 mm	**P12335/70**
Two-way flanged connection, Ø100–100 mm	**P12335/100**
Two-way flanged connection, Ø120–120 mm	**P12335/120**
Flanged connection for articulated arm, Ø100 mm	**P12334/100**
Stainless steel ATEX articulated arm Ø100 mm, L = 3 m	**P12788**
Flanged connection for articulated arm, Ø150 mm	**P12334**
ATEX articulated arm Ø150 mm, L = 3 m	**P12370**
Spare filter, class M	**P11847**
Spare cartridge filter, SP version (1 pc.)	**P09577**

Source: Depureco price list 2026 (v. 1.1), p. 91.

Ask us about this model
We advise on selection, sizing and zones. Call +45 70 23 12 03 or write to sales@particulair.com.

Reservations: we reserve the right to printing errors and other errors, to price changes not yet updated, and to technical data, designs and upgrades changed by the manufacturer without notice. Prices and data are indicative until confirmed in a written offer. Pictures may show optional equipment.