MOBILE ATEX DUST COLLECTOR · DEPURECO

Depureco DF 40 DEX 1/3D

Dust collector for explosive atmospheres.

The ATEX version of the DF 40 for combustible dust, including conductive dust (IIIC). Zone 20 inside, zone 22 outside.



€6,920

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 40 SP ATEX, code A1902): category 3 inside and outside, so zone 22 also inside the machine.

TECHNICAL DATA

Model	DF 40 DEX 1/3D	Variant DF 40 SP ATEX
PERFORMANCE		
Inlet and max. air flow	**Ø150 mm – 1,500 m³/h, Ø180 mm – 2,100 m³/h, Ø200 mm – 2,700 m³/h**	**Ø150 mm – 1,500 m³/h, Ø180 mm – 2,100 m³/h, Ø200 mm – 2,700 m³/h**
Max. negative pressure	**370 | 340 | 270 mmH2O at Ø150 | Ø180 | Ø200**	**370 | 340 | 270 mmH2O at Ø150 | Ø180 | Ø200**
Power	**4 kW, ATEX-certified 3D fan**	**4 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, 45,000 cm²**	**4 cartridges, class M, antistatic polyester, 120,000 cm²**
HEPA filter	**HEPA H13 option, 160,000 cm²**	**HEPA H13 option, 160,000 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 40 DEX 1/3D	Variant DF 40 SP ATEX
Dimensions	**630 × 1,100 mm, height 2,150 mm**	**630 × 1,100 mm, height 2,430 mm**
Weight	**145 kg**	**160 kg**
Noise level	**77 dB(A)**	**77 dB(A)**
ATEX		
Marking	**II 1/3 D Ex h IIIC T140°C Da/Dc**	**II 3D Ex h IIIC T140 Dc**
Item code	**A1850 (catalogue)**	**A1902 (catalogue)**
PRICE		
List price excl. VAT	**€6,920**	**€9,781**

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. 92. Price: Depureco price list 2026 (v. 1.1), p. 92.

OPTIONS, FILTERS AND ACCESSORIES

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

Description	Item code
MOTOR	
ATEX fan 460 V, 60 Hz, three-phase	–
ATEX fan 380 V, 60 Hz, three-phase	–
ATEX fan 200 V, 50 or 60 Hz, three-phase	–
FILTRATION	
H13 kit, secondary filter with PTFE membrane (EN 1822-5)	**P12820**
PTFE antistatic filter, class M (38,000 cm²)	**PTFE ANT**
CONSTRUCTION	
AISI 304 stainless steel bin and chamber	**GX**
ACCESSORIES	
Flanged connection for flexible hose, Ø150 mm	**P12300/150**
Flanged connection for flexible hose, Ø180 mm	**P12300/180**
Flanged connection for flexible hose, Ø200 mm	**P12300/200**
Metal clamp, Ø150 mm	**P12359**
Metal clamp, Ø180 mm	**P12360**
Metal clamp, Ø200 mm	**P12503**
Flanged connection for articulated arm, Ø150 mm	**P12334**

Description	Item code
ATEX articulated arm Ø150 mm, L = 3 m	**P12370**
Antistatic spare star filter, class M	**P09123**
Spare cartridge filter, SP version (1 pc.)	**P09577**

Source: Depureco price list 2026 (v. 1.1), p. 92.

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.