ATEX AND ACD VACUUM CLEANERS

DF 40 DEX 3/3G

ATEX-CERTIFIED INDUSTRIAL DUST COLLECTOR



POWER
4 kW - 5,5 HP

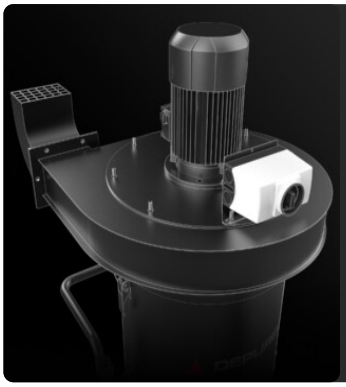
APPLICATION
Volatile and suspended powders

CAPACITY
65 Lt

FEATURES

- Suitable and safe for vacuuming fine dust in suspension in Atex 2 zones
- Very high air flow rate
- Atex-certified fan
- High filtration efficiency, with complete grounding of the unit

HIGHLIGHTS



SUCTION UNIT

Suction is generated by an Atex-certified electric fan specially designed to ensure the best air flow rate while maintaining a good vacuum level.



FILTER UNIT

Filtration is provided by a polyester star filter in class M (filtration efficiency 1 micron) with a high filtering surface area, which guarantees the passage of air even with a dirty filter.



FILTER CLEANING SYSTEM

An ergonomic manual filter shaker allows the filter to be cleaned easily and quickly, removing dust and debris from the surface of the filter.



COLLECTION UNIT

The material is collected inside an AISI 304 stainless steel container, complete with a metal handle that allows its release, to avoid any sparks that could be generated by the electrostatic charge.

TECHNICAL DATA

MOTOR

Typologies	Atex 3G fan
Power	4 kW - 5,5 HP
Frequency	50/60 Hz
Voltage	400 V
Maximum vacuum mmH20	370 | 340 | 270 mmH2O
Static depression level	300 | 270 | 200 mmH2O
Maximum air flow	1500 | 2100 | 2700 m3/h
Insulation class	55 | F IP
Noise level	77 dB(A)

MACHINE

Atex marking	II 3/3 G Ex h IIB T3 Gc/Gc
EX category	3/3G
Operating temperature	-20/+40 C°
Suction inlet	150 | 180 | 200 Ø mm
Collection system	AISI304 stainless steel container
Capacity	65 Lt
Dimensions	630 x 1100 mm
Height	2150 mm
Weight	145 Kg

FILTRATION

Primary filter type	Star
Filter surface	45000 cm2
EN 60335-2-69 filtration class	M
Media	Antistatic polyester
Filter Cleaning System	Manual

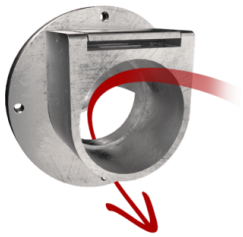
FEATURES



THIRD PARTY ATEX CERTIFICATION



DRY TYPE VACUUM CLEANER
Atex-certified vacuum cleaner with dry dust filtration, as per EN17348



DEFLECTOR
Internal deflector to protect the filter



PUSH HANDLE



4-PIN ATEX INDUSTRIAL PLUG



ANTISTATIC FILTRATION
Antistatic filtration to discharge static energy



POWER SUPPLY CABLE



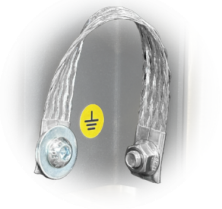
WHEEL WITH BRAKE
Non-marking wheel with integrated brake



WHEELS
Non-marking pivoting wheels



STEEL CONSTRUCTION
Rugged industrial coated steel construction



GRD
Grounding



BX
Stainless steel bin AISI 304

OPTIONS

AVAILABLE FILTER MEDIA



HEPA 14
Absolute filter (EN 1822)
28.000 cm² filter surface
H14 Class Filter (EN 1822)
Glass fiber



PTFE ANT
Antistatlc PTFE filter (M class EN 60335-2-69)

AVAILABLE FILTER CLEANING SYSTEMS



PSC
Semiautomatic pneumatic filter shaker



SP
Automatic reverse jet cleaning system
Antistatic M class filter (EN 60335-2-69), 3
Polyester filter cartridges, 9 m² filter surface

STRUCTURE AND OPTIONS

60HZ

60HZ
Available in 60Hz version



3 YEARS WARRANTY
Purchasing the replacement filter along with the vacuum



SLN
Silencer + diffusor



GX
Stainless steel bin and chamber AISI 304



100 LT
100 Lt bin

ACCESSORIES



P12300/100
FLANGED REDUCTION FOR HOSE Ø 100MM
Coupling flange on DF industrial vacuum for 100 mm diameter flexible hose



P12300/120
FLANGED REDUCTION FOR HOSE Ø 120MM
Coupling flange on DF industrial vacuum for 120 mm diameter flexible hose



P12300/150
FLANGED REDUCTION FOR HOSE Ø 150MM
Coupling flange on DF industrial vacuum for 150 mm diameter flexible hose



P12370
ATEX CERTIFIED STAINLESS STEEL SUCTION ARM Ø 150MM/ L 3M
150mm diameter suction arm jointed in three parts for a total length of 3 metres. Construction in AISI 316 stainless steel, completely condu ...