

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

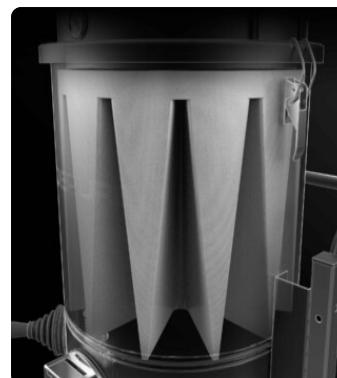
- Suitable and safe for vacuuming fine dust in suspension in Atex 2 zones
- Atex-certified fan
- Very high air flow rate
- High filtration efficiency, with complete grounding of the unit

## 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 certified fan      |
| Power                   | 4 kW - 5,5 HP           |
| Frequency               | 50/60 Hz                |
| Voltage                 | 400 V                   |
| Maximum vacuum mmH2O    | 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 | -10/+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 13**

Absolute filter (EN 1822)  
110.000 cm<sup>2</sup> filter surface  
H14 Class Filter (EN 1822)  
Glass fiber

**PTFE ANT**

Antistatic 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 m<sup>2</sup> filter surface

## STRUCTURE AND OPTIONS

# 60 Hz

### 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 ...