

ATEX AND ACD VACUUM CLEANERS

# DF 22 DEX 3/3G

## ATEX ZONE 2 CERTIFIED INDUSTRIAL DUST COLLECTOR



**POWER**  
2,2 kW - 3 HP



**APPLICATION**  
Volatile and suspended  
powders



**CAPACITY**  
65 Lt

## FEATURES

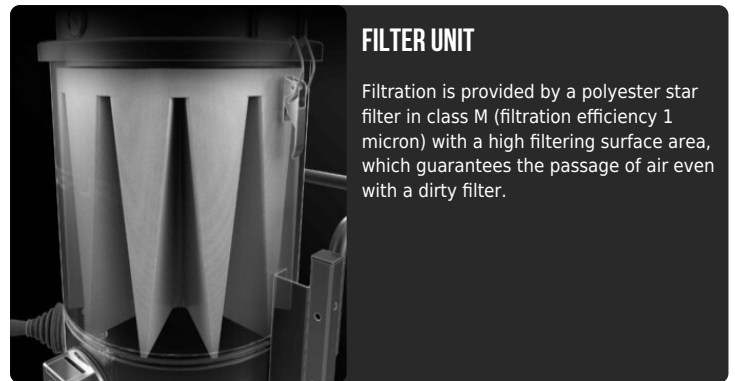
- Suitable and safe for vacuuming suspended dust in Atex 2 zones
- Atex-certified fan
- Extremely high airflow
- High filtration efficiency with complete grounding of the unit

## 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                   | 2,2 kW - 3 HP          |
| Frequency               | 50/60 Hz               |
| Voltage                 | 400 V                  |
| Maximum vacuum mmH2O    | 350   350   350 mmH2O  |
| Static depression level | 340   320   280 mmH2O  |
| Maximum air flow        | 800   1000   1400 m3/h |
| Insulation class        | 55   F IP              |
| Noise level             | 73 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         | 100   120   150 Ø mm              |
| Collection system     | AISI304 stainless steel container |
| Capacity              | 65 Lt                             |
| Dimensions            | 660 x 800 mm                      |
| Height                | 1630 mm                           |
| Weight                | 110 Kg                            |

### FILTRATION

|                                |                      |
|--------------------------------|----------------------|
| Primary filter type            | Star                 |
| Filter surface                 | 24000 cm2            |
| EN 60335-2-69 filtration class | M                    |
| Media                          | Antistatic polyester |
| Filter Cleaning System         | Manual               |

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

STRUCTURE AND OPTIONS

**60<sup>Hz</sup>**

**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



**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 ...



**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