

ATEX AND ACD VACUUM CLEANERS

# DF 22 3GD Z2-22

## ATEX DUST COLLECTOR



Watch the video!



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



**APPLICATION**  
Volatile and suspended  
powders



**CAPACITY**  
65Lt

## FEATURES

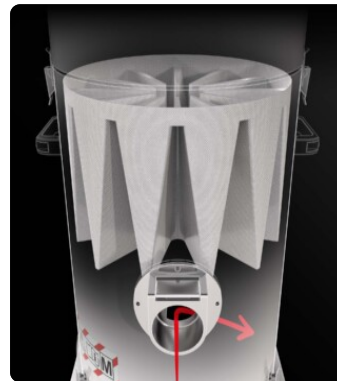
- Suitable and safe for intensive work in Atex 2 or 22 zones
- Atex-certified blower
- Very high air flow rate for suspended dust
- Suction arm available (also Atex)

## 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

The material is diverted by a deflector protecting the main filter. Filtration is ensured by a class M polyester star filter (filtration efficiency 1 micron) with high filtering surface area, which guarantees air passage even with the 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	Electric 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 3GD Ex htc IIIB T140°C Gc/Dc
EX category	3GD
Operating temperature	-10/+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	120 Kg

### FILTRATION

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

## FEATURES



**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 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

**AVAILABLE FILTER MEDIA**

**HEPA 13**

 Absolute filter (EN 1822)  
 35.000 cm² filter surface  
 H13 Class Filter (EN 1822)  
 Glass fiber

**PTFE ANT**

 Antistatic PTFE filter (M class EN  
 60335-2-69)

## 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



**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 ...