

ATEX AND ACD VACUUM CLEANERS

# DF FIX 55 3GD Z2-22

## ATEX DUST COLLECTOR FOR CENTRALIZED VACUUM SYSTEMS



**POWER**  
5,5 kW - 7,5 HP



**APPLICATION**  
Volatile and suspended  
powders



**CAPACITY**  
175Lt

## FEATURES

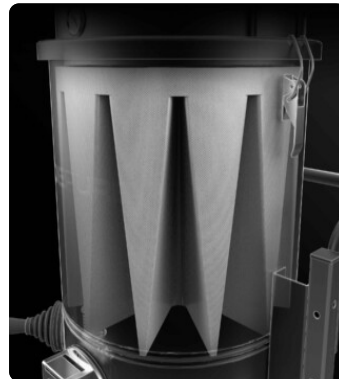
- Atex certified fan with very high air flow rate
- Easy to move with a forklift truck
- Ideal for installation in centralized systems
- Automatic filter cleaning using the PSC system

## HIGHLIGHTS



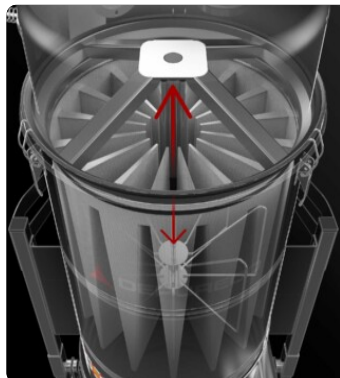
### SUCTION UNIT

The suction is generated by an electric fan specially designed to ensure the best air flow rate while maintaining a good level of water lift.



### 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.



### AUTOMATIC FILTER CLEANING PSC

Built-in filter cleaning system that automatically shakes the filter at regular and adjustable intervals, removing dust and debris from the surface.



### 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	5,5 kW - 7,5 HP
Frequency	50/60 Hz
Voltage	400 V
Vacuum in continuous run	517 mBar
Static depression level	480 mmH2O
Maximum air flow	2700 m3/h
Insulation class	55   F IP
Noise level	78 dB(A)
Electrical panel	Included

### MACHINE

Atex marking	II 3GD Ex htc IIIB T140°C Gc/Dc
EX category	3GD
Operating temperature	-10/+40 C°
Suction inlet	200 Ø mm
Collection system	AISI304 stainless steel container
Capacity	175 Lt
Dimensions	1670 x 850 mm
Height	1980 mm
Weight	220 Kg
Forklift support	Included

### FILTRATION

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

## FEATURES



**ATEX CERTIFICATION**



**4-PIN ATEX INDUSTRIAL PLUG**



**ANTISTATIC FILTRATION**

Antistatic filtration to discharge static energy



**VACUUM GAUGE**

Vacuum gauge for indication of filter clogged or in need of replacement



**POWER SUPPLY CABLE**



**STEEL CONSTRUCTION**

Rugged industrial coated steel construction



**GRD**

Grounding



**BX**

Stainless steel bin AISI 304



**PSC**

Semiautomatic pneumatic filter shaker

## OPTIONS

### AVAILABLE FILTER MEDIA



#### HEPA 14

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



#### SP

Automatic reverse jet cleaning system  
 Antistatic M class filter (EN 60335-2-69), 4  
 Polyester filter cartridges, 12 m<sup>2</sup> filter surface

## STRUCTURE AND OPTIONS

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

### 60HZ

Available in 60Hz version



### 3 YEARS WARRANTY

Purchasing the replacement filter along with the vacuum



### GX

Stainless steel bin and chamber AISI 304



### FLAMELESS VENT

A valve that contains the flame and the overpressure generated by a possible explosion.



### PANEL VENT FOR DIRECTIONAL EXPLOSION

An explosion vent designed to break at a specific pressure and release the explosive pressure in a safe area.  
Panel vent for explosion