

# ATEX AND ACD VACUUM CLEANERS

# DF 075 3GD Z2-22 ATEX DUST COLLECTOR



Watch the video!





POWER 0,75 kW - 1 HP



APPLICATION

Volatile and suspended powders



CAPACITY 65 Lt



## **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	0,75 kW - 1 HP
Frequency	50/60 Hz
Voltage	400 V
Maximum vacuum mmH20	185   200   180 mmH2O
Static depression level	180   192   170 mmH2O
Maximum air flow	300   600   800 m3/h
Insulation class	55   F IP
Noise level	65 dB(A)

# MACHINE

Atex marking	II 3GD Ex htc IIIB T140°C Gc/Dc
EX category	3GD
Operating temperature	-10/+40 C°
Suction inlet	70   100   120 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	М
Media	Antistatic polyester
Filter Cleaning System	Manual



# **FEATURES**



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

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



# STRUCTURE AND OPTIONS

**60**<sup>®</sup>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  $\emptyset$ 

150MM/L3M

150mm diameter suction arm jointed in three parts for a total length of 3 metres.

Construction in AISI 316 stainless steel, completely condu ...