

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
65Lt

FEATURES

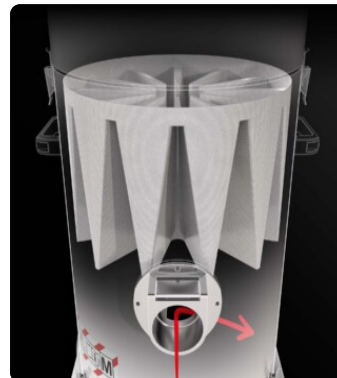
- Suitable and safe for intensive work in Atex 2 or 22 zones
- Atex-certified blower
- Very high air flow rate for suspended dust
- Suction arm available (also Atex)

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	0,75 kW - 1 HP
Frequency	50/60 Hz
Voltage	400 V
Maximum vacuum mmH2O	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)

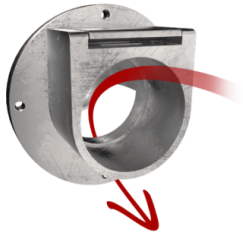
MACHINE

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	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^{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 ...