

ATEX AND ACD VACUUM CLEANERS

DF 40 3GD Z2-22

ATEX HIGH POWER DUST COLLECTOR



POWER
4 kW - 5,5 HP



APPLICATION
Volatile and suspended
powders



CAPACITY
65Lt

FEATURES

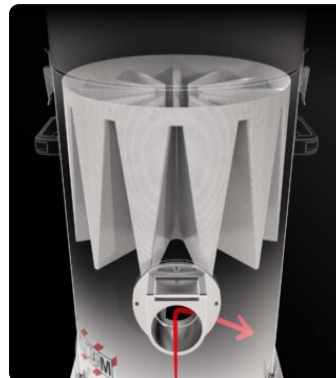
- Suitable and safe for intensive work in Atex zones 2 or 22
- Atex-certified electric fan
- Very high air flow for suspended dust
- Suction arm available (also Atex)

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	4 kW - 5,5 HP
Frequency	50/60 Hz
Voltage	400 V
Maximum vacuum mmH2O	370 340 270 mmH2O
Static depression level	300 270 200 mmH2O
Maximum air flow	1500 2100 2700 m3/h
Insulation class	55 F IP
Noise level	77 dB(A)

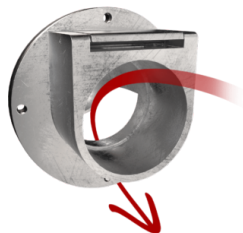
MACHINE

Atex marking	II 3GD Ex htc IIIB T140°C Gc/Dc
EX category	3GD
Operating temperature	-10/+40 C°
Suction inlet	150 180 200 Ø mm
Collection system	AISI304 stainless steel container
Capacity	65 Lt
Dimensions	630 x 1100 mm
Height	2150 mm
Weight	145 Kg

FILTRATION

Primary filter type	Star
Filter surface	45000 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



POWER SUPPLY CABLE



4-PIN ATEX INDUSTRIAL PLUG



ANTISTATIC FILTRATION
Antistatic filtration to discharge static energy



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



SLN
Silencer + diffuser

OPTIONS
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)

AVAILABLE FILTER CLEANING SYSTEMS

SP

Automatic reverse jet cleaning system
 Antistatic M class filter (EN 60335-2-69), 4
 Polyester filter cartridges, 12 m² filter surface


PSC

Semiautomatic pneumatic filter shaker

STRUCTURE AND OPTIONS

60^{Hz} 

60HZ

Available in 60Hz version


3 YEARS WARRANTY

Purchasing the replacement filter along with the vacuum


GX

Stainless steel bin and chamber AISI 304

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 ...