ATEX AND ACD VACUUM CLEANERS

DF FIX 55 3D Z22

ATEX DUST COLLECTOR FOR CENTRALIZED VACUUM SYSTEMS



POWER
5,5 kW - 7,5 HP

APPLICATION
Volatile and suspended powders

CAPACITY
175 Lt

FEATURES

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

HIGHLIGHTS



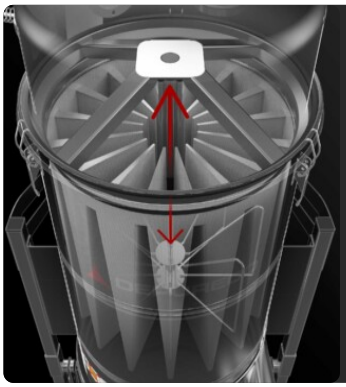
SUCTION UNIT

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
Maximum vacuum mmH20	517 mmH2O
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 3D Ex IIIB T140°C Dc
EX category	3D
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



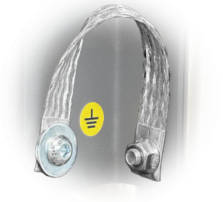
VACUUM GAUGE
Vacuum gauge for indication of filter clogged or in need of replacement



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 cm² filter surface
H14 Class Filter (EN 1822)
Glass fiber



PTFE ANT
Antistatlc 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

STRUCTURE AND OPTIONS

60HZ

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