

ATEX AND ACD VACUUM CLEANERS

FOX 10 1/2D Z20/21

ATEX EXPLOSION-PROOF INDUSTRIAL VACUUM CLEANER



POWER
7,5 kW - 10 HP



APPLICATION
Combustible dusts



CAPACITY
100Lt

FEATURES

- Suitable and safe for intensive work in Atex 21 zones
- ATEX-certified blower
- Third party certification of the inner chamber
- High-efficiency antistatic filtration with integrated manual cleaning system

HIGHLIGHTS



SUCTION UNIT

The suction unit is a manufacturer-certified Atex side channel blower with direct coupling between motor and impeller. The Side Channel Blower is equipped with a safety valve that ensures continuous work, without any maintenance.



FILTER UNIT

The tangential inlet facilitates the cyclonic effect to deposit the collected material in the container. Filtration is ensured by a polyester star filter in class M (filtering efficiency 1 micron) with high filtering surface area, which guarantees air passage even with a 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 filter 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	Atex side channel blower
Power	7,5 kW - 10 HP
Frequency	50/60 Hz
Voltage	400 V
Vacuum in continuous run	280 mBar
Maximum air flow	550 m3/h
Insulation class	65 F IP
Noise level	74 dB(A)

MACHINE

Atex marking	II 1/2D Ex htc IIIC T140°C Da/Dc
EX category	1/2D
Operating temperature	-10/+40 C°
Suction inlet	80 Ø mm
Collection system	AISI304 stainless steel container
Capacity	100 Lt
Dimensions	660 x 1200 mm
Height	1510 mm
Weight	242 Kg
Safety valve	Pressure relief valve

FILTRATION

Primary filter type	Star
Filter surface	24000 cm2
EN 60335-2-69 filtration class	M
Media	Antistatic polyester
Filter Cleaning System	Manual

FEATURES



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



WHEEL WITH BRAKE

Non-marking wheel with integrated brake



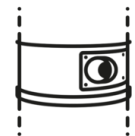
WHEELS

Non-marking pivoting wheels



STEEL CONSTRUCTION

Rugged industrial coated steel construction



CYCLONIC EFFECT

Tangential inlet and cyclone installed



PRV

Pressure relief valve installed



GRD

Grounding



BX

Stainless steel bin AISI 304



THIRD PARTY ATEX CERTIFICATION



HEPA 14

Absolute filter (EN 1822)

OPTIONS

AVAILABLE FILTER MEDIA



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



CONTAINER EMPTYING KIT

System for easy container emptying using forklift lifting.



SPARK TRAP

Built to capture sparks produced during welding, sanding, or polishing operations on metal parts



GX

Stainless steel bin and chamber AISI 304

ACCESSORIES



P12377

ANTISTATIC KIT PRO Ø 50MM

Kit containing antistatic accessories for application with 50 mm diameter ATEX vacuum cleaner



P13642

ANTISTATIC KIT PRO Ø 40MM

Kit containing antistatic accessories for application with 40 mm diameter ATEX vacuum cleaner



P12378

ANTISTATIC STARTER KIT Ø 50MM

Basic kit containing antistatic accessories for application with 50 mm diameter ATEX vacuum cleaner



P13641

ANTISTATIC STARTER KIT Ø 40MM

Basic kit containing antistatic accessories for application with 40 mm diameter ATEX vacuum cleaner