

## ATEX AND ACD VACUUM CLEANERS

# FOX 5,5 1/2D Z20/21 ATEX EXPLOSION-PROOF INDUSTRIAL VACUUM CLEANER



Watch the video!





4 kW - 5,5 HP



APPLICATION

Combustible dusts



CAPACITY 100 Lt



## **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	4 kW - 5,5 HP
Frequency	50/60 Hz
Voltage	400 V
Vacuum in continuous run	230 mBar
Maximum air flow	450 m3/h
Insulation class	65   F IP
Noise level	73 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	157 Kg
Safety valve	Pressure relief valve

#### **FILTRATION**

Primary filter type	Star
Filter surface	24000 cm2
EN 60335-2-69 filtration class	М
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 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



**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