

ATEX AND ACD VACUUM CLEANERS

# AC 100 1/2D Z20/21

## ATEX PNEUMATIC INDUSTRIAL VACUUM



**APPLICATION**  
Combustible dusts



**CAPACITY**  
100 Lt

## FEATURES

- Suitable and safe for intensive work in Atex 21 zones
- High filtration capacity and efficiency
- Powered by compressed air
- Multiple construction options available

## HIGHLIGHTS



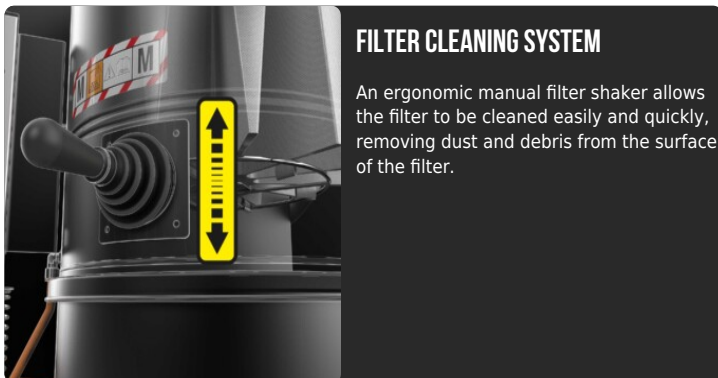
### SUCTION UNIT

Suction is generated by a venturi tube, a device that makes it possible to generate excellent suction performance without any kind of mechanical movement or electrical component.



### 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 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	Venturi tube
Vacuum in continuous run	500 mBar
Maximum air flow	480 m3/h
Noise level	70 dB(A)
Air required	1233 lt/min
Pressure requirement	6 - 8 Bar

### MACHINE

Atex marking	II 1/2D c T100°C
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 800 mm
Height	1200 mm
Weight	66 Kg

### FILTRATION

Primary filter type	Star
Filter surface	24000 cm2
EN 60335-2-69 filtration class	M
Media	Antistatic polyester
Filter Cleaning System	Manual
Secondary Absolute Filter	H14 - Included

OPTIONS

AVAILABLE FILTER MEDIA



**HEPA 14**  
Absolute filter (EN 1822)  
22.000 cm<sup>2</sup> filter surface  
H14 Class Filter (EN 1822)  
Glass fiber



**PTFE ANT**  
Antistatic PTFE filter (M class EN  
60335-2-69)

STRUCTURE AND OPTIONS



**3 YEARS WARRANTY**  
Purchasing the replacement filter along with  
the vacuum



**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