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
- Powered by compressed air
- High filtration capacity and efficiency
- 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 |

# FEATURES

### ATEX CERTIFICATION

### PUSH HANDLE

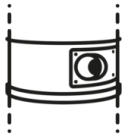
### ANTISTATIC FILTRATION
Antistatic filtration to discharge static energy

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

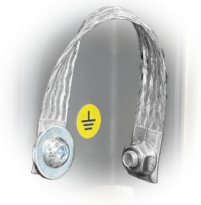
### WHEEL WITH BRAKE
Non-marking wheel with integrated brake

### WHEELS
Non-marking pivoting wheels

### STEEL CONSTRUCTION
Rugged industrial coated steel construction



### CYCLONIC EFFECT
Tangential inlet and cyclone installed



### GRD
Grounding

### BX
Stainless steel bin AISI 304

# OPTIONS

## AVAILABLE FILTER MEDIA

### HEPA 14
Absolute filter (EN 1822)
22.000 cm² filter surface
H14 Class Filter (EN 1822)
Glass fiber

### PTFE ANT
Antistatlc 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