

## ATEX AND ACD VACUUM CLEANERS

# MINIAIR 3GD Z2-22 COMPRESSED AIR ATEX INDUSTRIAL VACUUM CLEANER





APPLICATION

Powders, solids and shavings



CAPACITY 45 Lt

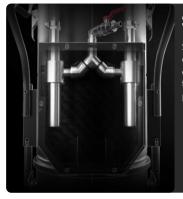


### **FEATURES**

- Suitable and safe for intensive work in Atex zones 2 or 22
- High filtration capacity and efficiency

- Powered by compressed air
- Multiple construction options available

## **HIGHLIGHTS**



### **SUCTION UNIT**

Suction is generated by two ejectors which generate, without the use of mechanical elements, a considerable vacuum inside the chamber, thus making suction possible.



### **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.



### 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.

**MACHINE** 



### **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 ejector
Vacuum in continuous run	500 mBar
Maximum air flow	300 m3/h
Noise level	73 dB(A)
Air required	2500 lt/min
Pressure requirement	6 - 8 Bar

Atex marking	II 3GD Ex htc IIIB T100°C Gc/Dc
EX category	3GD
Operating temperature	-10/+40 C°
Suction inlet	70 Ø mm
Collection system	AISI304 stainless steel container
Capacity	45 Lt
Dimensions	550 x 620 mm
Height	1150 mm
Weight	42 Kg

### **FILTRATION**

Primary filter type	Star
Filter surface	15000 cm2
EN 60335-2-69 filtration class	М
Media	Antistatic polyester
Filter Cleaning System	Manual



# **FEATURES**



ATEX CERTIFICATION



**DEFLECTOR**Internal deflector to protect the filter



COMPRESSED AIR SUPPLY VALVE



**PUSH HANDLE** 



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



GRD

Grounding



BX

Stainless steel bin AISI 304



ANTISTATIC FILTRATION

Antistatic filtration to discharge static energy



### **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



AB

Accessories basket



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