ATEX AND ACD VACUUM CLEANERS

MINIAIR 3GD Z2-22

COMPRESSED AIR ATEX INDUSTRIAL VACUUM CLEANER

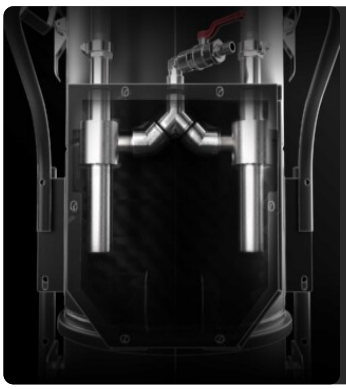
APPLICATION
Powders, solids and shavings

CAPACITY
45 Lt

FEATURES

- Suitable and safe for intensive work in Atex zones 2 or 22
- Powered by compressed air
- High filtration capacity and efficiency
- 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.

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

MACHINE

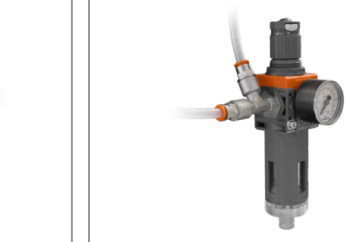
Atex marking	II 3GD Ex htc IIIB T100°C Gc/Dc
EX category	3GD
Operating temperature	-10/+40 C°
Suction inlet	70 Ø mm
Collection system	AISI304 stainless steel container
Capacity	45 Lt
Dimensions	550 x 620 mm
Height	1150 mm
Weight	42 Kg

FILTRATION

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

FEATURES

ATEX CERTIFICATION



DEFLECTOR
Internal deflector to protect the filter

COMPRESSED AIR SUPPLY VALVE

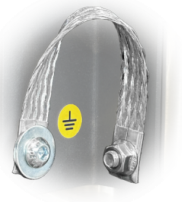
PUSH HANDLE

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

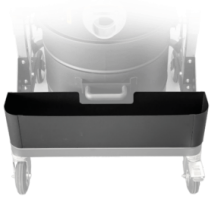
AVAILABLE FILTER MEDIA

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