

ATEX AND ACD VACUUM CLEANERS

AC 100 3G-3D Z2-22

ATEX PNEUMATIC INDUSTRIAL VACUUM CLEANER



APPLICATION
Powders, solids and
shavings



CAPACITY
100 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 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	1300 - 1500 lt/min
Pressure requirement	6 - 8 Bar

MACHINE

Atex marking	II 3D Ex h IIIC T140°C Dc II 3G Ex h IIB T3 Gc
EX category	3D - 3G
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

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



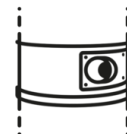
WHEELS

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

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

Electrically conductive solution for maximum
 protection against static discharge. - 3 m of
 electrically conductive EVA - 2 anti-static r ...



P13642

ANTISTATIC KIT PRO Ø 40MM

Complete antistatic system for thorough
 cleaning of sensitive production
 environments. - 3 m of electrically conductive
 EVA tubing - 1x ...



P12378

ANTISTATIC STARTER KIT Ø 50MM

Certified basic configuration for charge
 dissipation on medium-diameter cables. - 3 m
 of electrically conductive EVA - 2 anti-static
 rub ...



P13641

ANTISTATIC STARTER KIT Ø 40MM

Safety kit for areas with electrostatic hazards,
 ideal for fine and conductive dust. - 3 m of
 electrically conductive EVA tubing - 1x50 ...