

ATEX AND ACD VACUUM CLEANERS

SWAN 3D Z22

ATEX CERTIFIED INDUSTRIAL VACUUM CLEANER



POWER
2,2 kW - 3 HP



APPLICATION
Fine, dry and clogging
powders

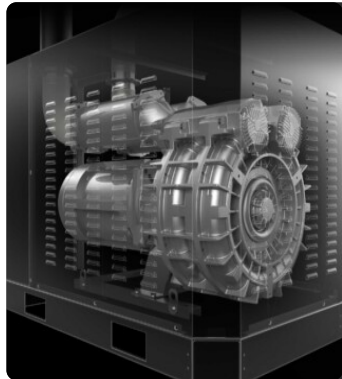


CAPACITY
50Lt

FEATURES

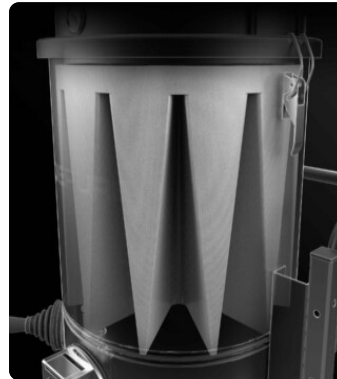
- Suction of fine dust in Atex 22 zones of demanding industries such as food and pharmaceuticals
- H14 progressive multistage filtration available
- GMP compliant
- Compact and easy to maintain

HIGHLIGHTS



SUCTION UNIT

The suction unit is a manufacturer-certified Atex side channel blower with direct coupling between motor and impeller. The Side Channel Blower is equipped with a safety valve that ensures continuous work, without any maintenance.



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 filter surface.



COLLECTION UNIT

The material is collected inside a large release container made of AISI 304 stainless steel, to avoid any spark that could be generated by the electrostatic charge.

TECHNICAL DATA

MOTOR

Typologies	Atex side channel blower
Power	2,2 kW - 3 HP
Frequency	50/60 Hz
Voltage	400 V
Vacuum in continuous run	200 mBar
Maximum air flow	270 m3/h
Insulation class	65 F IP
Noise level	72 dB(A)

MACHINE

Atex marking	II 3D Ex htc IIIB T140°C Dc
EX category	3D
Operating temperature	-10/40 C°
Suction inlet	80 Ø mm
Collection system	AISI304 stainless steel container
Capacity	50 Lt
Dimensions	750 x 500 mm
Height	1600 mm
Weight	97 Kg
Safety valve	Pressure relief valve

FILTRATION

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

FEATURES



4-PIN ATEX INDUSTRIAL PLUG



ANTISTATIC FILTRATION

Antistatic filtration to discharge static energy



VACUUM GAUGE

Vacuum gauge for indication of filter clogged or in need of replacement



POWER SUPPLY CABLE



WHEEL WITH BRAKE

Non-marking wheel with integrated brake



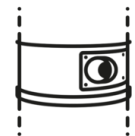
WHEELS

Non-marking pivoting wheels



STEEL CONSTRUCTION

Rugged industrial coated steel construction



CYCLONIC EFFECT

Tangential inlet and cyclone installed



PRV

Pressure relief valve 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

60^{Hz}

60HZ

Available in 60Hz version



3 YEARS WARRANTY

Purchasing the replacement filter along with
 the vacuum



GX

Stainless steel bin and chamber AISI 304



TX

Stainless steel bin, chamber and frame 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