

ATEX AND ACD VACUUM CLEANERS

SWAN 3D Z22 ATEX CERTIFIED INDUSTRIAL VACUUM CLEANER





2,2 kW - 3 HP



APPLICATION
Fine, dry and clogging powders



CAPACITY 50 Lt



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 | М |
| Media | Antistatic polyester |
| Filter Cleaning System | Manual |



FEATURES



4-PIN ATEX INDUSTRIAL PLUG



ANTISTATIC FILTRATIONAntistatic 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



GRDGrounding



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