

ATEX AND ACD VACUUM CLEANERS

PUMA 25 SP DEX 1/3D

ATEX EXPLOSION-PROOF INDUSTRIAL VACUUM CLEANER



POWER
18,5 kW - 25 HP



APPLICATION
Combustible dusts



CAPACITY
175 Lt

FEATURES

- Suitable and safe for intensive work in Atex 22 zones
- High efficiency antistatic filtration with integrated automatic cleaning system and grounding
- Maximum power thanks to the Atex certified blower
- Ideal for large centralized suction systems

HIGHLIGHTS



TECHNICAL DATA

MOTOR

| | |
|--------------------------|-----------------------------|
| Typologies | Atex 3D side channel blower |
| Power | 18,5 kW - 25 HP |
| Frequency | 50/60 Hz |
| Voltage | 400 V |
| Vacuum in continuous run | 270 mBar |
| Maximum air flow | 1350 m3/h |
| Insulation class | 65 F IP |
| Noise level | 74 dB(A) |

MACHINE

| | |
|-----------------------|-----------------------------------|
| Atex marking | II 1/3D Ex htc IIIC T140°C Da/Dc |
| EX category | 1/3D |
| Operating temperature | -10/+40 C° |
| Suction inlet | 100 Ø mm |
| Collection system | AISI304 stainless steel container |
| Capacity | 175 Lt |
| Dimensions | 850 x 1550 mm |
| Height | 1980 mm |
| Weight | 370 Kg |
| Safety valve | Pressure relief valve |

FILTRATION

| | |
|--------------------------------|----------------------|
| Primary filter type | 4x Cartridges |
| Filter surface | 120000 cm2 |
| EN 60335-2-69 filtration class | M |
| Media | Antistatic polyester |
| Filter Cleaning System | Automatic SP |

FEATURES



THIRD PARTY ATEX CERTIFICATION



DRY TYPE VACUUM CLEANER
Atex-certified vacuum cleaner with dry dust filtration, as per EN17348



ELECTRICAL PANEL
Electrical panel, implementable with additional functions



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 CLEANING SYSTEMS



SP

Automatic reverse jet cleaning system
Antistatic M class filter (EN 60335-2-69), 4
Polyester filter cartridges, 12 m² filter surface

AVAILABLE FILTER MEDIA



HEPA 14

Absolute filter (EN 1822)
110.000 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



CONTAINER TILTABLE KIT

System for easy container emptying using forklift lifting.



FLAMELESS VENT

A valve that contains the flame and the overpressure generated by a possible explosion.



PANEL VENT FOR DIRECTIONAL EXPLOSION

An explosion vent designed to break at a specific pressure and release the explosive pressure in a safe area.
Panel vent for explosion



FKL

Forklift bracket



6X

Stainless steel bin and chamber AISI 304