

ATEX AND ACD VACUUM CLEANERS

# PUMA 15 SP DEX 1/2D

## ATEX EXPLOSION-PROOF INDUSTRIAL VACUUM CLEANER



**POWER**  
11 kW - 15 HP



**APPLICATION**  
Combustible dusts



**CAPACITY**  
175 Lt

## FEATURES

- Suitable and safe for intensive work in Atex 21 or 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	11 kW - 15 HP
Frequency	50/60 Hz
Voltage	400 V
Vacuum in continuous run	300 mBar
Maximum air flow	920 m3/h
Insulation class	65   F IP
Noise level	74 dB(A)

### MACHINE

Atex marking	II 1/2D Ex htc IIIC T140°C Da/Dc
EX category	1/2D
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	270 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
Secondary Absolute Filter	H14 - Included

OPTIONS

AVAILABLE FILTER CLEANING SYSTEMS



**SP**

Automatic reverse jet cleaning system  
Antistatic M class filter (EN 60335-2-69), 4  
Polyester filter cartridges, 12 m<sup>2</sup> filter surface

AVAILABLE FILTER MEDIA



**PTFE ANT**

Antistatic PTFE filter (M class EN  
60335-2-69)

STRUCTURE AND OPTIONS

**60<sup>Hz</sup>**

**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



**GX**  
Stainless steel bin and chamber AISI 304

ACCESSORIES



**P14899**  
**ANTISTATIC KIT Ø 70MM**  
Maximum efficiency and antistatic safety for removing large volumes of conductive material. - 5-meter antistatic PUR hose - 2x antistati ...