

## SCHEDA TECNICA

# FOX ATEX 3 Z20/Z21 II1/2D INDUSTRIAL VACUUM

## ASPIRATORI INDUSTRIALI ATEX ED ACD

The Depureco FOX ATEX 3 Z20/Z21 industrial vacuum cleaner is an **internal zone 20, external zone 21 certified unit**, capable of working in **ATEX areas** with a greater **risk of explosion**. The vacuum cleaner is equipped with a **side channel blower** positioned on the back of the unit, enclosed by a **painted steel structure**. Inside the vacuum cleaner, there is a large surface filter in **antistatic polyester** (24,000 cm<sup>2</sup>), **M class certified** with a **filtration efficiency** of 1 micron, to **vacuum electrostatically charged dust**. The filter is protected by a **sturdy metal cyclone welded** inside the filter chamber which **minimizes the risk of clogging and facilitates the fall of the sucked material into the container**. The container supplied is in **100 Lt capacity AISI 304 stainless steel**. The four pivoting wheels **make it easy to move the container**, even when fully loaded. All the components of the **vacuum cleaner** are grounded, so as to discharge any electrostatic charge that could be generated during suction.



**POTENZA**  
2,2 kW



**SUPERFICIE**  
24.000 cm<sup>2</sup>



**CAPACITÀ**  
100 Lt

**HIGHLIGHTS**

**SUCTION UNIT**

The suction unit is a side channel blower with direct coupling between motor and impeller. The side channel blower is equipped with a safety valve to guarantee continued work in complete safety, without any maintenance. The blower is also equipped with a metal silencer to maintain a low noise level.


**FILTERING ELEMENT**

The filtration is guaranteed by an M class polyester filter. The star shape enables air to flow through the filter even when it is dirty. The fabric of the filter is classified as M Class (BIA | EN 60335-2-69). This means that all particles till 1 micron are stopped by the filter so as to protect the blower and the operator around the vacuum cleaner.


**SUCTION INLET**

The tangential inlet is designed to ease the process of pushing the material down the bin. A sturdy metal cyclone welded inside the chamber slows the material's entry speed considerably down so that it falls directly inside the bin. This way, the filter is efficiently protected, minimizing clogging risk.


**COLLECTION BIN**

The vacuumed material is collected in an AISI 304 stainless steel container, equipped with a metal handle that enables the bin to be detached from the machine, to avoid any spark that could be generated by the electrostatic charge. Thanks to the 4 sturdy pivoting wheels, the bin can be moved very easily to then dispose of the collected material. Each wheel is reinforced to guarantee maximum stability during handling.

**DATI TECNICI**
**MOTORE**

Tipologia	side channel blower
Marcatura ATEX	II 1/2 D Ex htc IIIC T140°C Da/Dc
Voltaggio	400V
IP	65
Vuoto in continuo	200mBar
Massima portata d'aria	320m3/h
Valvola di sicurezza	included
Livello di rumorosità	73dB(A)
Frequenza	50/60Hz
Potenza	3HP
Classe di isolamento	F

**FILTRO PRIMARIO**

Tipologia	star filter
Classe EN 60335-2-69	M Class
Media	antistatic polyester
Pulizia filtro	manual shaker

**MACCHINA**

Bocca aspirante	80Ø mm
Dimensioni	660 X 1.200mm
Altezza	1.510mm
Peso	142Kg
Ciclone conico	incluso

**OPZIONI**

 **SISTEMI DI PULIZIA FILTRO DISPONIBILI**



**SP**  
Pulizia cartucce in controcorrente d'aria  
Filtro antistatico classe M (EN 60335-2-69)  
3 Cartucce poliestere antistatico  
9 m<sup>2</sup> superficie filtrante

**OPZIONI**

 **MEDIA FILTRANTE DISPONIBILE**



**HEPA 14**  
Filtro assoluto (EN 1822)  
28.000 cm<sup>2</sup> superficie filtrante  
Classe H14 (EN 1822)  
Fibra di vetro

**OPZIONI**

**ALTRE OPZIONI**



**BX**  
Contenitore in acciaio INOX AISI 304



**GX**  
Camera e contenitore acciaio INOX AISI 304



**FKL**  
Supporto sollevamento per muletto



**GFR**  
Golfari

**ACCESSORI**



**P12377**  
**KIT ANTISTATICO PRO Ø 50MM**  
Kit completo di accessori antistatici per applicazione con aspiratore ATEX in diametro 50 mm



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