

SCHEMA TECNICA

FOX 10 ATEX Z20/Z21 II1/2D INDUSTRIAL VACUUM

ASPIRATORI INDUSTRIALI ATEX ED ACD

The Depureco FOX ATEX 10 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 cm²), 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
7,5 kW



SUPERFICIE
24.000 cm²



CAPACITÀ
100 Lt

HIGHLIGHTS

SUCTION UNIT

The suction unit is an ATEX certified side channel blower with direct coupling between motor and impeller. Furthermore, to guarantee safe work, the unit is equipped with a safety valve which, in the event of obstruction in the vacuuming elements, prevents overheating.


ANTISTATIC FILTER

The main filter is made of sturdy antistatic polyester. Inside the fabric, there is a conductive net which avoids any electrostatic charge. The star shape ensures a large filter surface in a compact space and the passage of the air also when the filter is dirty. The fabric of the filter is M class (BIA | EN 60335-2 -69) certified. It means that all particles until 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	280mBar
Massima portata d'aria	550m3/h
Valvola di sicurezza	included
Livello di rumorosità	74dB(A)
Frequenza	50/60Hz
Potenza	10HP
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	660X1.202mm
Altezza	1.830mm
Peso	242Kg
Ciclone conico	Incluso

OPZIONI



MEDIA FILTRANTE DISPONIBILE



HEPA 14
Filtro assoluto (EN 1822-5)



PTFE ANT
Filtro PTFE antistatico (Classe M EN 60335-2-69)

OPZIONI



SISTEMI DI PULIZIA FILTRO DISPONIBILI



PSC
Scuotifiltro Pneumatico



SP
Pulizia cartucce in controcorrente d'aria
Filtro antistatico classe M (EN 60335-2-69)
3 Cartucce poliestere antistatico
9 m² superficie filtrante

OPZIONI

ALTRE OPZIONI



BX
Contenitore in acciaio INOX AISI 304



GX
Camera e contenitore acciaio INOX AISI 304

ACCESSORI



P12377

KIT ANTISTATICO PRO Ø 50MM

Kit completo di accessori antistatici per applicazione con aspiratore ATEX in diametro 50 mm



P12377

KIT ANTISTATICO PRO Ø 50MM

Kit completo di accessori antistatici per applicazione con aspiratore ATEX in diametro 50 mm