

## SCHEDA TECNICA

# DF 22 ZZ2-22 I13GD EXPLOSION PROOF DUST COLLECTOR

## ASPIRATORI INDUSTRIALI ATEX ED ACD

The DF 22 ZZ2-Z22 is an ATEX Z2-22 explosion proof dust collector with a three-phase fan that allows you to vacuum volatile or suspended dust with an articulated arm or extraction hood. 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 in total safety. In addition, it is possible to install an H14 filter for situations that require the suction of the finest dust. To clean the filter there is a very effective manual filter cleaning system as standard. Thanks to a lever outside the filtering chamber, the operator is able to shake the filter and deposit the dust directly in the collection container. On request, it is possible to install an automatic piston filter shaking system or a counter-current filter cleaning system. The unit is equipped with a release container on wheels with a capacity of 65Lt in AISI 304 stainless steel.



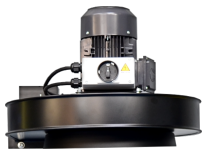
**POTENZA**  
2,2 kW



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



**CAPACITÀ**  
65/100 Lt

**HIGHLIGHTS**

**SUCTION UNIT**

The vacuum is generated by an ATEX certified electric fan designed specifically to guarantee the best air flow while maintaining a good level of depression.


**INLET DEFLECTOR**

The inlet deflector is specifically designed to convey the material towards the container. Connection flanges or reduction flanges of different diameters (100 - 200 mm) can be attached to the deflector according to requirements.


**FILTERING ELEMENT**

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.


**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	fan
Marcatura ATEX	II 3 G/D Ex htc IIIB T140°C Gc/Dc
Voltaggio	400V
IP	55
Massima portata d'aria	800   1.00001.400m <sup>3</sup> /h
Livello di rumorosità	73dB(A)
Frequenza	50/60Hz
Potenza	3HP
Classe di isolamento	F
Massimo vuoto	350   350   350mm/H <sub>2</sub> O
Depressione statica disponibile	340   320280

**FILTRO PRIMARIO**

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

**MACCHINA**

Bocca aspirante	100   120150Ø mm
Dimensioni	660 x 800mm
Altezza	1.630mm
Peso	80Kg

**OPZIONI**



**MEDIA FILTRANTE DISPONIBILE**



**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 m<sup>2</sup> superficie filtrante

**OPZIONI**

**ALTRE OPZIONI**



**100 LT**

Contentore 100 lt.



**BX**

Contentore in acciaio INOX AISI 304



**GX**

Camera e contenitore acciaio INOX AISI 304

**ACCESSORI**



**P10095**  
**FASCETTA METALLICA Ø 100MM**  
Fascetta metallica a stringere con vite in acciaio zincato in diametro 100 mm



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**P12300/120**  
**FLANGIA CONNESSIONE FLESSIBILE Ø 120MM**  
Flangia di accoppiamento su aspiratore industriale DF per tubo flessibile diametro 120 mm



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**P12335/100**  
**RIDUZIONE "Y" PER DF Ø 100/100MM**  
Biforcazione Y a due vie D100mm per aspiratori industriali DF



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