

## SCHEMA TECNICA

# ECOBULL M Z2-Z22 I13D INDUSTRIAL VACUUM

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**ASPIRATORI INDUSTRIALI ATEX ED ACD**

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The **ECOBULL M Z2-Z22 industrial vacuum cleaner** is equipped with an **ATEX-certified side channel blower**, ideal for **continuous work** without the need for maintenance. 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, ideal for **working with electrostatically charged powders**. The unit can be equipped with an **absolute filter H14** on request when it is necessary to **vacuum very fine dust**. A large **65 or 100 Lt container in AISI 304 stainless steel**, with the release on wheels, allows you to **easily collect and empty the vacuumed material**. On request, it is also possible to install an **automatic filter cleaning system** to keep the filter always clean and performing.

**POTENZA**  
1,8 kW**SUPERFICIE**  
24.000 cm<sup>2</sup>**CAPACITÀ**  
65/100 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.


**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.


**FILTER SHAKER**

On one side of the filter chamber there is an ergonomic manual shaker through which the operator can easily and quickly clean the filter, removing any dust and debris from its surface. Thanks to this smart cleaning system the operator can carry on working without needing to change or wash the filter.


**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 3GD Ex tD IIIB T135°C IP55 Dc
Voltaggio	230V
IP	55
Vuoto in continuo	180mBar
Massima portata d'aria	240m3/h
Valvola di sicurezza	included
Livello di rumorosità	72dB(A)
Frequenza	50/60Hz
Potenza	2,4HP
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	70Ø mm
Dimensioni	660 x 800mm
Altezza	1.630mm
Peso	95Kg

**OPZIONI**



**MEDIA FILTRANTE DISPONIBILE**



**PTFE ANT**

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



**HEPA 14**

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

**OPZIONI**



**SISTEMI DI PULIZIA FILTRO DISPONIBILI**



**SP**

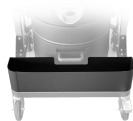
Pulizia cartucce in controcorrente d'aria  
Filtro antistatico classe M (EN 60335-2-69)  
3 Cartucce poliestere antistatico  
9 m<sup>2</sup> superficie filtrante

**OPZIONI**

**ALTRE OPZIONI**



**100 LT**  
Contentore 100 lt.



**AB**  
Cassetta porta accessori



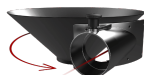
**BX**  
Contentore in acciaio INOX AISI 304



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



**TX**  
Contentore camera e struttura in acciaio INOX AISI 304



**EFFETTO CICLONICO**  
Bocca aspirante tangenziale + ciclone

**ACCESSORI**



**P12378**  
**STARTER KIT ANTISTATICO Ø 50MM**

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



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