

SCHEMA TECNICA

AC 100 Z21 II1/2D INTRINSICALLY SAFE VACUUM

ASPIRATORI INDUSTRIALI ATEX ED ACD

The AC 100 Z21 is the **most powerful ATEX intrinsically safe vacuum cleaner**, with compressed air in the Depureco range. Thanks to the **high-performance venturi tube** it is possible to reach **impressive depressions**. The AC 100 Z21 works in all conditions: **powders, shavings, liquids, and difficult materials** with pipes up to several meters long. 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 vacuum is equipped with a **manual filter cleaning system**, which, thanks to a practical lever on the industrial vacuum head, allows you to **shake the filter easily and effectively**. A practical release **container** on wheels allows you to **collect the vacuumed material** and **dispose** of it with ease. The **container** can be 65 liters or 100 liters in **AISI 304 steel**, equipped with 4 sturdy pivoting wheels that give the possibility to maneuver the container easily, even when fully loaded. Both the filter chamber and the **container** are in **AISI 304 stainless steel**.



SUPERFICIE
24.000 cm²



CAPACITÀ
100 Lt

HIGHLIGHTS

SUCTION UNIT

The vacuum cleaner is equipped with a Venturi pipe. This generates a remarkable vacuum without any mechanical or electrical components.


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.


INLET

The suction inlet is specially designed to direct the collected material straight into the collection bin. The intake is tangential and welded to the chamber there is a sturdy metal cyclon. The friction with it reduces the speed of the material that falls down easily into the collection bin. This system increases the life of filter and it minimizes the risk of filter clogging.


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 | Venturi pipe |
| Marcatura ATEX | II1/2D c T100°C |
| Massimo vuoto | 500mBar |
| Massima portata d'aria | 480m3/h |
| Livello di rumorosità | 70dB(A) |
| Pressione richiesta | 6 - 8 |
| Aria richiesta | 1.233 |

FILTRO PRIMARIO

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

MACCHINA

| | |
|-----------------|-------------|
| Bocca aspirante | 50 - 70Ø mm |
| Dimensioni | 660 x 800mm |
| Altezza | 1.200mm |
| Peso | 64Kg |
| Ciclone conico | Incluso |

OPZIONI



MEDIA FILTRANTE DISPONIBILE



HEPA 14
Filtro assoluto (EN 1822-5)



HEPA 14
Filtro assoluto (EN 1822)
28.000 cm² superficie filtrante
Classe H14 (EN 1822)
Fibra di vetro

OPZIONI

ALTRE OPZIONI



100 LT
Contenitore 100 lt.



BX
Contenitore in acciaio INOX AISI 304



GX
Camera e contenitore acciaio INOX AISI 304

ACCESSORI



P11857
KIT PULIZIA FORNI Ø 40MM
Kit accessori per aspirazione forni con prolunga di 3 metri anti scottatura e tubo metallico flessibile.



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