

## SCHEMA TECNICA

# SWAN 220 INDUSTRIAL VACUUM

## ASPIRATORI INDUSTRIALI PER SFRIDI, CONFEZIONAMENTO E OEM

The **SWAN 220 industrial vacuum** is the **ideal solution** for the **pharmaceutical industry**. Fitted with a **high-performance side channel turbine**, this model is **compact** and **versatile**, capable of **working in complete safety** even with the most **difficult dust**. For this **vacuum cleaner** from the **food & pharma range**, there is an **M Class large surface filter** with a **manual cleaning system** as standard. A **jet pulse** alternating with a high-efficiency **filter cleaning system** can be installed on-demand to allow **24/7 work** without having to intervene on the machine. In addition, an optional **H14 filter** will be installed. The **SWAN 220 vacuum cleaner** is equipped with a **container** that can easily be detached and removed. The **container** and the **filter chamber** are both available in **AISI 304** or **AISI 316 stainless steel**.



**POTENZA**  
2,2 kW



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



**CAPACITÀ**  
50 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 material is collected inside a painted container. Through the lever installed on the front part of the machine it is possible to operate the mechanism that keeps the container in working position. Once lowered, the container can then be easily extracted to empty it thanks to the two ergonomic handles

**DATI TECNICI**
**MOTORE**

Tipologia	side channel blower
Voltaggio	400V
IP	55
Vuoto in continuo	210mBar
Massima portata d'aria	320m3/h
Valvola di sicurezza	included
Frequenza	50/60Hz
Potenza	3HP
Classe di isolamento	F

**FILTRO PRIMARIO**

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

**MACCHINA**

Bocca aspirante	80Ø mm
Dimensioni	750 x 500mm
Altezza	1.600mm
Peso	90Kg
Ciclone conico	incluso

**OPZIONI**

**MEDIA FILTRANTE DISPONIBILE**



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



**MTF**  
Filtro teflonato (Classe M EN 60335-2-69)



**NOMEX**  
Filtro resistente 250° Celsius



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



**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**



**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



**GRD**  
Messa a terra

**ACCESSORI**



**P12348**

**DRY KIT Ø 50MM**

Kit completo di accessori specifici per aspirazione polveri e solidi in diametro 50 mm



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Kit completo di accessori specifici per aspirazione polveri e solidi in diametro 50 mm