

## ATEX AND ACD VACUUM CLEANERS

# AC 100 1/2D ATEX PNEUMATIC INDUSTRIAL VACUUM









### **VANTAGGI**

- Suitable and safe for intensive work in Atex 21 zones
- High filtration capacity and efficiency

- Powered by compressed air
- Multiple construction options available

# HIGHLIGHTS



### **SUCTION UNIT**

Suction is generated by a venturi tube, a device that makes it possible to generate excellent suction performance without any kind of mechanical movement or electrical component.



### **FILTER UNIT**

The tangential inlet facilitates the cyclonic effect to deposit the collected material in the container. Filtration is ensured by a polyester star filter in class M (filtering efficiency 1 micron) with high filtering surface area, which guarantees air passage even with a dirty filter.



### FILTER CLEANING SYSTEM

An ergonomic manual filter shaker allows the filter to be cleaned easily and quickly, removing dust and debris from the surface of the filter.



### **COLLECTION UNIT**

The material is collected inside an AISI 304 stainless steel container, complete with a metal handle that allows its release, to avoid any sparks that could be generated by the electrostatic charge.

### **TECHNICAL DATA**

MOTORE	
Tipologie	Venturi tube
Vuoto in continuo	500 mBar
Massima portata d'aria	480 m3/h
Livello di rumorosità	70 dB(A)
Aria richiesta	1233 lt/min
Pressione richiesta	6 - 8 Bar

MACCHINA	
Marcatura ATEX	II 1/2D c T100°C
Categoria EX	1/2D
Temperatura di utilizzo	-10/+40 C°
Bocca aspirante	80 Ø mm
Sistema di raccolta	AISI304 stainless steel container
Capacità	100 Lt
Dimensioni	660 x 800 mm
Altezza	1200 mm
Peso	66 Kg

### **FILTRAZIONE**

Tipologia filtro primario	Star
Superficie filtrante	24000 cm2
Classe filtrazione EN 60335-2-69	М
Media	Antistatic polyester
Sistema Pulizia filtro	Manual
Filtro Assoluto	H14 - Included



# DOTAZIONI



ATEX CERTIFICATION



**PUSH HANDLE** 



ANTISTATIC FILTRATION

Antistatic filtration to discharge static energy



**VACUUM GAUGE** 

Vacuum gauge for indication of filter clogged or in need of replacement



WHEEL WITH BRAKE

Non-marking wheel with integrated brake



WHEELS

Non-marking pivoting wheels



STEEL CONSTRUCTION

Rugged industrial coated steel construction



### CYCLONIC EFFECT

Tangential inlet and cyclone installed



GRD

Grounding



BX

Stainless steel bin AISI 304



### **OPTIONS**

# **AVAILABLE FILTER MEDIA**



HEPA 14

Absolute filter (EN 1822) 22.000 cm² filter surface H14 Class Filter (EN 1822) Glass fiber



PTFE ANT

AntistatIc PTFE filter (M class EN 60335-2-69)

# STRUCTURE AND OPTIONS



**3 YEARS WARRANTY** 

Purchasing the replacement filter along with



GX

Stainless steel bin and chamber AISI 304

# **ACCESSORIES**



### P12377

### ANTISTATIC KIT PRO Ø 50MM

Kit containing antistatic accessories for application with 50 mm diameter ATEX vacuum cleaner



### P13642

### ANTISTATIC KIT PRO Ø 40MM

Kit containing antistatic accessories for application with 40 mm diameter ATEX vacuum cleaner



### P12378

### ANTISTATIC STARTER KIT Ø 50MM

Basic kit containing antistatic accessories for application with 50 mm diameter ATEX vacuum cleaner



### P13641

### ANTISTATIC STARTER KIT Ø 40MM

Basic kit containing antistatic accessories for application with 40 mm diameter ATEX vacuum cleaner