

## ATEX AND ACD VACUUM CLEANERS

# M 45 H ACD INDUSTRIAL VACUUM CLEANER FOR COMBUSTIBLE DUSTS



Watch the video!











## **FEATURES**

- Classified ACD for suction of combustible dust in areas not classified Atex
- 2 levels of progressive filtration

- Compact and easy to maintain
- Vacuum gauge to monitor performance

# HIGHLIGHTS



## **SUCTION UNIT**

Suction is provided by 2 by-pass motors controlled by independent switches, allowing the operator to control suction performance. The motors are located inside a robust enclosure, with an insulating sponge to maintain a low noise level.



## **FILTER UNIT**

Filtration is provided by two progressive efficiency filters installed in series: a primary star polyester filter class M (filtering efficiency 1 micron) with high filtering surface area and an absolute secondary filter in class H14.



### DESIGNED FOR COMBUSTIBLE DUST

Ideal for collecting fine and potentially combustible dust in non-ATEX classified areas. The ACD vacuum is equipped with antistatic filters and full grounding to ensure safe and reliable operation.



### **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**

MOTOR	
Typologies	By-pass
Power	2,6 - 3,5
Frequency	50 Hz
Voltage	230 V
Vacuum in continuous run	250 mBar
Maximum air flow	380 m3/h
Insulation class	54   F IP
Noise level	72 dB(A)

MACHINE	
Suction inlet	50 Ø mm
Collection system	AISI304 stainless steel container
Capacity	45 Lt
Dimensions	550 X 620 mm
Height	1400 mm
Weight	45 Kg

## FILTRATION

Primary filter type	Star
Filter surface	15000 cm2
EN 60335-2-69 filtration class	М
Media	Antistatic polyester
Filter Cleaning System	Manual
Secondary Absolute Filter	H14 - Included



# **FEATURES**



FILTER CLOGGING INDICATOR

Filter clogged or need to be replaced indicator light



DEFLECTOR

Internal deflector to protect the filter



**PUSH HANDLE** 



SHUKO TYPE PLUG



POWER SUPPLY CABLE



WHEEL WITH BRAKE

Non-marking wheel with integrated brake



WHEELS

Non-marking pivoting wheels



STEEL CONSTRUCTION

Rugged industrial coated steel construction



**GRD** Grounding

ВХ

Stainless steel bin AISI 304



HEPA 14

Absolute filter (EN 1822)



## **OPTIONS**

# **AVAILABLE FILTER MEDIA**



PTFE ANT Antistatlc PTFE filter (M class EN 60335-2-69)

# STRUCTURE AND OPTIONS

60<sup>®</sup>HZ

**60HZ** Available in 60Hz version



**3 YEARS WARRANTY**Purchasing the replacement filter along with the vacuum



**GX** Stainless steel bin and chamber AISI 304



AB Accessories basket



 ${\rm RC}\ {\rm SCHUKO}$ 

Remote control by power tool (MAX 2000 W)



# **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