

ATEX AND ACD VACUUM CLEANERS

M 100 H ACD INDUSTRIAL VACUUM FOR COMBUSTIBLE POWDERS





POWER 3,9 kW - 5,2 HP



APPLICATION

Combustible dusts



CAPACITY 100 Lt

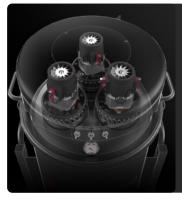


FEATURES

- Classified ACD for suction of combustible powders 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 3 by-pass motors operated 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	3,9 kW - 5,2 HP
Frequency	50/60 Hz
Voltage	230 V
Vacuum in continuous run	250 mBar
Maximum air flow	570 m3/h
Insulation class	54 F IP
Noise level	72 dB(A)

70 Ø mm
AISI304 stainless steel container
100 Lt
660 x 800 mm
1515 mm
80 Kg

FILTRATION

Primary filter type	Star
Filter surface	24000 cm2
EN 60335-2-69 filtration class	М
Media	A 11 1 1 1
Media	Antistatic polyester
Filter Cleaning System	Manual



FEATURES



DEFLECTORInternal deflector to protect the filter



PUSH HANDLE



SHUKO TYPE PLUG



VACUUM GAUGE

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



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)



ANT M

Antistatic filter (M class EN 60335-2-69)



OPTIONS

AVAILABLE FILTER MEDIA



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

STRUCTURE AND OPTIONS

60[®]HZ

60HZ Available in 60Hz version



3 YEARS WARRANTYPurchasing 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



P10866

IRON REDUCER Ø 70/50MM

Reducer for vacuum quick fitting in galvanised steel 70/50 mm diameter



P10867

IRON REDUCER Ø 70/40MM

Reducer for vacuum quick fitting in galvanised steel 70/40 mm diameter



P12355

OIL & SWARF KIT PRO Ø 50MM

 $Kit containing \, specific \, accessories \, for \, 50 \, mm \\ diameter \, oil \, and \, swarf \, vacuuming \, application$



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