

ATEX AND ACD VACUUM CLEANERS

M H PRO ACD

INDUSTRIAL VACUUM FOR COMBUSTIBLE DUSTS



Watch the video!



POWER
2,6 kW - 3,5 HP



APPLICATION
Combustible dusts



CAPACITY
45Lt

FEATURES

- Classified ACD for the 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 kW - 3,5 HP
Frequency	50/60 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	516 x 545 mm
Height	1250 mm
Weight	38 Kg

FILTRATION

Primary filter type	Star
Filter surface	6000 cm2
EN 60335-2-69 filtration class	M
Media	Antistatic polyester
Secondary Absolute Filter	H14 - Included

FEATURES



DEFLECTOR
Internal deflector to protect the filter



SHUKO TYPE PLUG



FILTER CLOGGING INDICATOR
Filter clogged or need to be replaced indicator light



POWER SUPPLY CABLE



WHEEL WITH BRAKE
Non-marking wheel with integrated brake



WHEELS
Non-marking pivoting wheels



STEEL CONSTRUCTION
Rugged industrial coated steel construction



HEPA 14
Absolute filter (EN 1822)



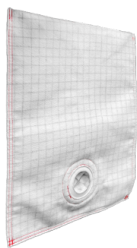
BX
Stainless steel bin AISI 304



GRD
Grounding

OPTIONS

AVAILABLE FILTER MEDIA



BAG

Disposable anti-static filter bag

STRUCTURE AND OPTIONS

60[✓]Hz

60HZ

Available in 60Hz version



3 YEARS WARRANTY

Purchasing the replacement filter along with the vacuum

ACCESSORIES



P12302
REDUCTION RUBBER SLEEVE FOR "EVA" HOSE Ø 50/40MM
 Antistatic carbon-filled rubber sleeve for 50/40 mm diameter EVA flexible hose



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