

ATEX AND ACD VACUUM CLEANERS

# ECOBULL M H ACD

## INDUSTRIAL VACUUM CLEANER FOR COMBUSTIBLE DUSTS



**POWER**  
1,8 kW - 2,4 HP



**APPLICATION**  
Combustible dusts



**CAPACITY**  
65Lt

## FEATURES

- Classified ACD for suction of combustible dust in areas not classified Atex
- Compact and easy to maintain
- 2 levels of progressive filtration
- Vacuum gauge to monitor performance

## HIGHLIGHTS



### SUCTION UNIT

The suction unit is a side channel blower with direct coupling between motor and impeller. The turbine is equipped with a safety valve to ensure continuous, maintenance-free operation. A metal silencer is included as standard in the turbine to ensure 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	Side channel blower
Power	1,8 kW - 2,4 HP
Frequency	50/60 Hz
Voltage	230 V
Vacuum in continuous run	230 mBar
Maximum air flow	240 m3/h
Insulation class	55   F IP
Noise level	74 dB(A)

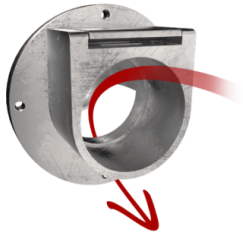
### MACHINE

Suction inlet	70 Ø mm
Collection system	AISI304 stainless steel container
Capacity	65 Lt
Dimensions	660 x 800 mm
Height	1530 mm
Weight	85 Kg
Safety valve	Pressure relief valve

### FILTRATION

Primary filter type	Star
Filter surface	24000 cm2
EN 60335-2-69 filtration class	M
Media	Antistatic polyester
Filter Cleaning System	Manual
Secondary Absolute Filter	H14 - Included

## FEATURES



**DEFLECTOR**  
Internal 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



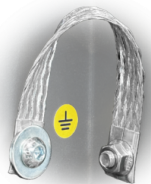
**WHEELS**  
Non-marking pivoting wheels



**STEEL CONSTRUCTION**  
Rugged industrial coated steel construction



**PRV**  
Pressure relief valve installed



**GRD**  
Grounding



**BX**  
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

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

### AVAILABLE FILTER CLEANING SYSTEMS



#### SP

Automatic reverse jet cleaning system  
Antistatic M class filter (EN 60335-2-69), 3  
Polyester filter cartridges, 9 m<sup>2</sup> filter surface



#### PSC

Semiautomatic pneumatic filter shaker

## STRUCTURE AND OPTIONS

**60<sup>Hz</sup>**

**60HZ**

Available in 60Hz version



**3 YEARS WARRANTY**

Purchasing the replacement filter along with the vacuum



**GX**

Stainless steel bin and chamber AISI 304



**100 LT**

100 Lt bin



**CYCLONIC EFFECT**

Tangential inlet and cyclone installed  
Tangential inlet + cyclone



**SPARK TRAP**

Built to capture sparks produced during welding, sanding, or polishing operations on metal parts

## 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