

ATEX AND ACD VACUUM CLEANERS

# ECOBULL M H ACD INERT INDUSTRIAL VACUUM FOR INERTING COMBUSTIBLE DUST



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



**APPLICATION**  
Combustible dusts

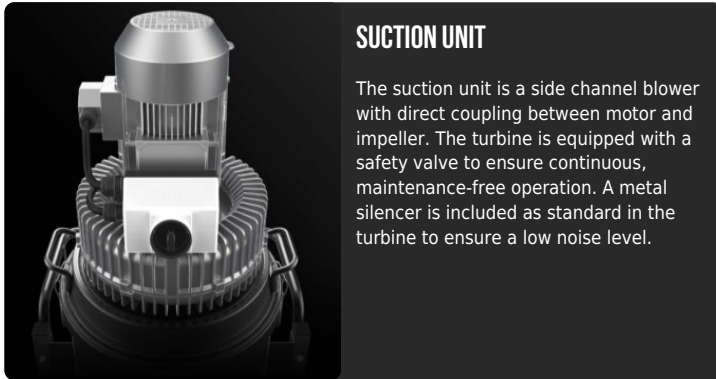


**COLLECTION SYSTEM**  
Liquid bath inerting system

## FEATURES

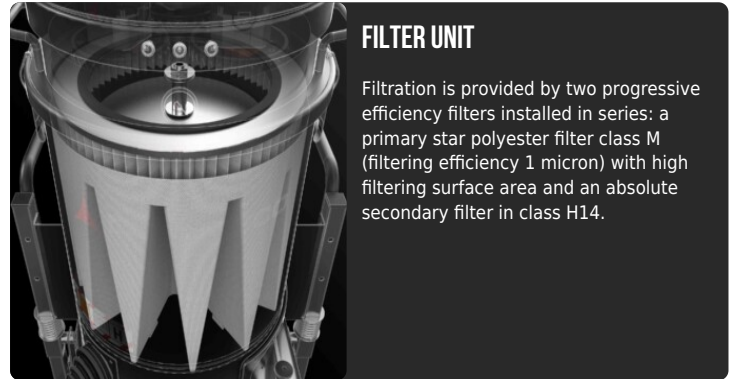
- ACD classified for combustible dust extraction in non-Atex classified areas
- Ideal for safe extraction of reactive dusts
- Container with inerting liquid bath that neutralizes the dust sucked in
- Vacuum gauge for performance monitoring

## HIGHLIGHTS



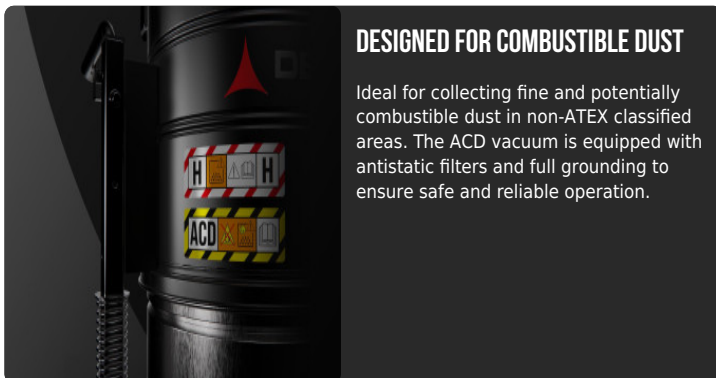
### SUCTION UNIT

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.



### INERTING LIQUID BATH

Container with conductive dust immersion system. Prevents the formation of explosive atmospheres inside the vacuum cleaner by neutralizing incoming dust.

## 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	72 dB(A)

### MACHINE

Suction inlet	50 Ø mm
Collection system	Container with inerting liquid
Capacity	100 Lt
Liquid discharge system	Discharge valve
Dimensions	660 x 800 mm
Height	1630 mm
Weight	95 Kg
Solid separation	Basket grid
Liquid separation	150µm liquid filter
Safety valve	2x Hydrogen Vent

### FILTRATION

Primary filter type	Cartridge
Filter surface	35000 cm2
EN 60335-2-69 filtration class	M
Media	Antistatic polyester
Additional filter	Spark trap
Secondary Absolute Filter	H14 - Included

## OPTIONS

### STRUCTURE AND OPTIONS

**60<sup>✓</sup>Hz**

**60HZ**

Available in 60Hz version



**3 YEARS WARRANTY**

Purchasing the replacement filter along with the vacuum

## ACCESSORIES



**P12378**

**ANTISTATIC STARTER KIT Ø 50MM**

Certified basic configuration for charge dissipation on medium-diameter cables. - 3 m of electrically conductive EVA - 2 anti-static rub ...



**P12377**

**ANTISTATIC KIT PRO Ø 50MM**

Electrically conductive solution for maximum protection against static discharge. - 3 m of electrically conductive EVA - 2 anti-static r ...