

ATEX AND ACD VACUUM CLEANERS

# ECOBULL AM M 3GD Z2-22

## ATEX INDUSTRIAL VACUUM FOR INERTING COMBUSTIBLE OR EXPLOSIVE DUST



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



**APPLICATION**  
Combustible dusts

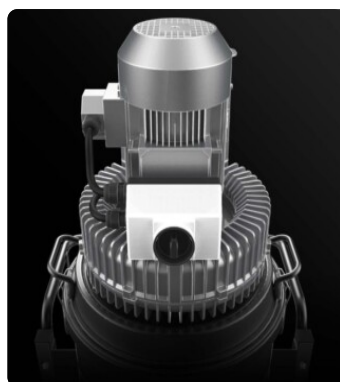


**COLLECTION SYSTEM**  
Container with inertizing  
bath

## FEATURES

- ATEX certified for use in ATEX zones 2 or 22
- Container with an inert liquid bath that prevents the formation of explosive atmospheres inside the vacuum
- Ideal for safely extracting conductive metallic dusts
- Safety valve included

## HIGHLIGHTS



### SUCTION UNIT

The suction unit is a manufacturer-certified Atex side channel blower with direct coupling between motor and impeller. The Side Channel Blower is equipped with a safety valve that ensures continuous work, without any maintenance.



### FILTER UNIT

Filtration is ensured by a Class M polyester cartridge filter (filtration efficiency 1 micron) with a high filtering surface area, which guarantees air passage even with a dirty filter.



### INERTING LIQUID BATH

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



### SAFETY VALVE

Safety valve that in case of reactions between powders and liquids inside the container lets out the released gases preventing explosions.

## TECHNICAL DATA

### MOTOR

Typologies	Atex side channel blower
Power	1,8 kW - 2,4 HP
Frequency	50/60 Hz
Voltage	230 V
Vacuum in continuous run	180 mBar
Maximum air flow	240 m3/h
Insulation class	55   F IP
Noise level	72 dB(A)

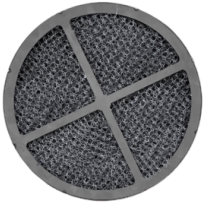
### MACHINE

Atex marking	II 3D Ex htc IIIC T 140°C Dc
EX category	3GD
Operating temperature	-10/+40 C°
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	PPL bag 150?m
Safety valve	2x Hydrogen Vent

### FILTRATION

Primary filter type	Cartridge
Filter surface	35000 cm2
EN 60335-2-69 filtration class	H13
Media	Antistatic polyester
Additional filter	Spark trap

## FEATURES



### ANTI-SPARK FILTER

Protective filter that prevents the passage of sparks



### HYDROGEN VENT

Safety valve to let out any gases formed inside the aspirator



### PUSH HANDLE



### 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



### 4-PIN ATEX INDUSTRIAL PLUG

## OPTIONS

### STRUCTURE AND OPTIONS

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

#### 60HZ

Available in 60Hz version



#### 3 YEARS WARRANTY

Purchasing the replacement filter along with the vacuum

## ACCESSORIES



#### P12378

##### ANTISTATIC STARTER KIT Ø 50MM

Basic kit containing antistatic accessories for application with 50 mm diameter ATEX vacuum cleaner



#### P12377

##### ANTISTATIC KIT PRO Ø 50MM

Kit containing antistatic accessories for application with 50 mm diameter ATEX vacuum cleaner