

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

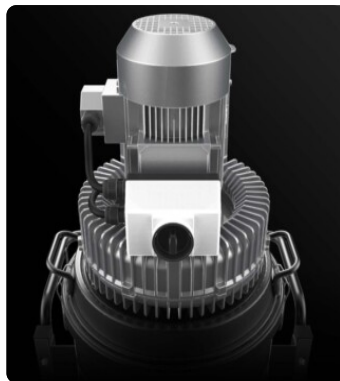


COLLECTION SYSTEM
Container with inertizing
bath

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)

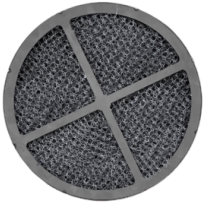
MACHINE

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	150µm liquid filter
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^{Hz} 

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