

ATEX AND ACD VACUUM CLEANERS

# ECOBULL M 3GD Z2-22

## ATEX INDUSTRIAL VACUUM FOR INTENSIVE USE



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



**APPLICATION**  
Powders, solids and shavings

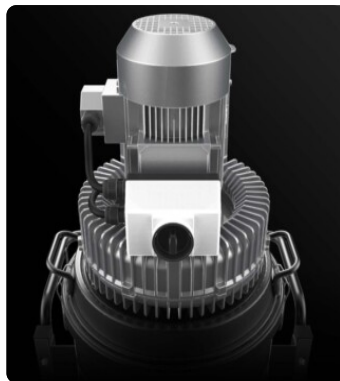


**CAPACITY**  
65Lt

## FEATURES

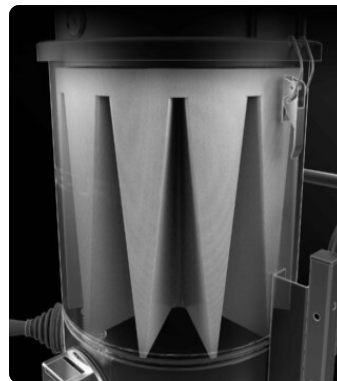
- Suitable and safe for intensive work in Atex zones 2 or 22
- Compact, sturdy and easy to handle
- Atex-certified blower
- High-efficiency antistatic filtration with built-in semi-automatic cleaning system

## 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 provided by a polyester star filter in class M (filtration efficiency 1 micron) with a high filtering surface area, which guarantees the passage of air even with a dirty filter.



### FILTER CLEANING SYSTEM

An ergonomic manual filter shaker allows the filter to be cleaned easily and quickly, removing dust and debris from the surface of the filter.



### 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	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 3 GD Ex htc IIIB T140°C Gc/Dc
EX category	3GD
Operating temperature	-10/+40 C°
Suction inlet	70 Ø mm
Collection system	AISI304 stainless steel container
Capacity	65 Lt
Dimensions	660 x 800 mm
Height	1630 mm
Weight	95 Kg
Safety valve	Pressure relief valve

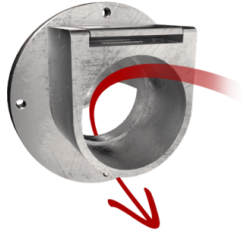
### FILTRATION

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

## FEATURES



**ATEX CERTIFICATION**



**DEFLECTOR**

Internal deflector to protect the filter



**PUSH HANDLE**



**POWER SUPPLY CABLE**



**4-PIN ATEX INDUSTRIAL PLUG**



**ANTISTATIC FILTRATION**

Antistatic filtration to discharge static energy



**VACUUM GAUGE**

Vacuum gauge for indication of filter clogged or in need of replacement



**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

## OPTIONS

### 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

### AVAILABLE FILTER MEDIA



#### HEPA 14

Absolute filter (EN 1822)  
 22.000 cm<sup>2</sup> filter surface  
 H14 Class Filter (EN 1822)  
 Glass fiber



#### PTFE ANT

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

## STRUCTURE AND OPTIONS

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

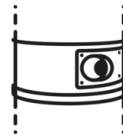
**60HZ**

Available in 60Hz version



**3 YEARS WARRANTY**

Purchasing the replacement filter along with the vacuum



**CYCLONIC EFFECT**

Tangential inlet and cyclone installed  
Tangential inlet + cyclone



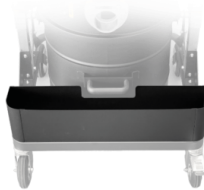
**GX**

Stainless steel bin and chamber AISI 304



**TX**

Stainless steel bin, chamber and frame AISI 304



**AB**

Accessories basket



**100 LT**

100 Lt bin

## 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