

ATEX AND ACD VACUUM CLEANERS

ECOBULL AM M 3GD

ATEX INDUSTRIAL VACUUM FOR INERTING COMBUSTIBLE OR EXPLOSIVE



POTENZA
1,8 kW - 2,4 HP



APPLICAZIONE
Combustible dusts



TIPO DI RACCOLTA
Container with inertizing
bath

VANTAGGI

- 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

MOTORE

Tipologie	Atex side channel blower
Potenza	1,8 kW - 2,4 HP
Frequenza	50/60 Hz
Voltaggio	230 V
Vuoto in continuo	180 mBar
Massima portata d'aria	240 m3/h
Classe di isolamento	55 F IP
Livello di rumorosità	72 dB(A)

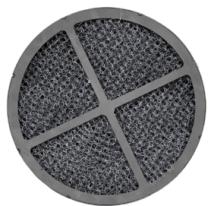
MACCHINA

Marcatura ATEX	II 3D Ex htc IIIC T 140°C Dc
Categoria EX	3GD
Temperatura di utilizzo	-10/+40 C°
Bocca aspirante	50 Ø mm
Sistema di raccolta	Container with inerting liquid
Capacità	100 Lt
Sistema di scarico liquidi	Discharge valve
Dimensioni	660 x 800 mm
Altezza	1630 mm
Peso	95 Kg
Separazione solido	Basket grid
Separazione liquidi	PPL bag 150µm
Valvola di sicurezza	2x Hydrogen Vent

FILTRAZIONE

Tipologia filtro primario	Cartridge
Superficie filtrante	35000 cm2
Classe filtrazione EN 60335-2-69	H13
Media	Antistatic polyester
Filtro aggiuntivo	Spark trap

DOTAZIONI



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