ATEX AND ACD VACUUM CLEANERS

ECOBULL XM M DEX 1/2D

COMPACT PORTABLE ATEX INDUSTRIAL VACUUM

POWER
2,2 kW - 3 HP

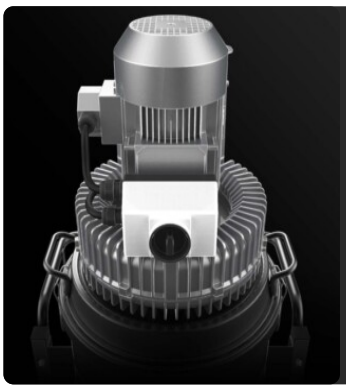
APPLICATION
Combustible dusts

CAPACITY
20 Lt

FEATURES

- Certified for intensive work in Atex zones 21 or 22
- High filtration efficiency with complete grounding of the unit
- Compact, sturdy, and easy to handle
- Certified Category 1D internal protection for maximum safety

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.

INTERNAL CERTIFICATION CAT 1D - ZONE 20

Thanks to its 1D – Zone 20 certified chamber, the vacuum cleaner guarantees maximum safety and compliance when vacuuming combustible or conductive dusts (Group IIIC), even when these are contained within the unit.

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 2D side channel blower
Power	2,2 kW - 3 HP
Frequency	50/60 Hz
Voltage	230 V
Vacuum in continuous run	180 mBar
Maximum air flow	240 m3/h
Noise level	72 dB(A)

MACHINE

Atex marking	II 1/2D Ex h IIIC T160 Da/Db
EX category	1/2D
Operating temperature	-20/+40 C°
Suction inlet	50 Ø mm
Collection system	AISI304 stainless steel container
Capacity	20 Lt
Dimensions	516 x 545 mm
Height	1050 mm
Weight	57 Kg
Safety valve	Pressure relief valve

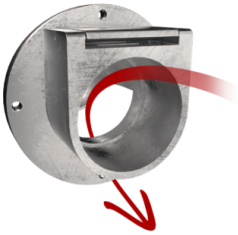
FILTRATION

Primary filter type	Cartridge
Filter surface	16000 cm2
EN 60335-2-69 filtration class	M
Media	Antistatic polyester
Filter Cleaning System	Jet Clean
JetClean Guillotine	Included

FEATURES

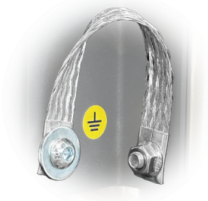
THIRD PARTY ATEX CERTIFICATION

PLUG
3-pin industrial plug



DEFLECTOR
Internal deflector to protect the filter

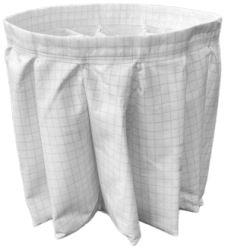
PRV
Pressure relief valve installed



GRD
Grounding

BX
Stainless steel bin AISI 304

JC
Jet Clean



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

WHEEL WITH BRAKE
Non-marking wheel with integrated brake

POWER SUPPLY CABLE

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

OPTIONS

AVAILABLE FILTER MEDIA

HEPA 14
Absolute filter (EN 1822)
22.000 cm² filter surface
H14 Class Filter (EN 1822)
Glass fiber

STRUCTURE AND OPTIONS

60HZ
Available in 60Hz version

3 YEARS WARRANTY
Purchasing the replacement filter along with the vacuum

ACCESSORY HOLDER

ACCESSORIES

P13642
ANTISTATIC KIT PRO Ø 40MM
Complete antistatic system for thorough cleaning of sensitive production environments. - 3 m of electrically conductive EVA tubing - 1x ...

P13641
ANTISTATIC STARTER KIT Ø 40MM
Safety kit for areas with electrostatic hazards, ideal for fine and conductive dust. - 3 m of electrically conductive EVA tubing - 1x 50 ...

P14901/EX
VERTIDEX – ATEX-CERTIFIED ACCESSORY KIT FOR CLEANING AT HEIGHT Ø 40MM
An ultra-lightweight carbon fiber extension system, conductive and ATEX Category 2D certified, designed to reach hard-to-reach areas and ele ...