

ATEX AND ACD VACUUM CLEANERS

ECOBULL XM T 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	400 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

60  **Hz**

60Hz

Available in 60Hz version



3 YEARS WARRANTY

Purchasing the replacement filter along with the vacuum

ACCESSORIES



P13642

ANTISTATIC KIT PRO Ø 40MM

Kit containing antistatic accessories for application with 40 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



P14901/EX

VERTIDEX – ATEX-CERTIFIED ACCESSORY KIT FOR CLEANING AT HEIGHT Ø 40MM