ATEX AND ACD VACUUM CLEANERS

BL 45 DEX 1/3D – 1/2D

ATEX-CERTIFIED INDUSTRIAL VACUUM FOR USE IN ZONE 21 OR 22



POWER
1,1 kW - 1,5 HP

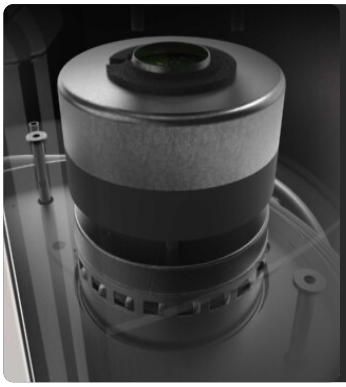
APPLICATION
Combustible dusts

CAPACITY
45 Lt

FEATURES

- Certified for intensive and continuous work in Atex 21 or 22 zones
- Compact, sturdy, and easy to handle
- Category 1D certified internal protection for maximum safety
- Double level of progressive filtration in class M and H14, with complete grounding

HIGHLIGHTS



SUCTION UNIT

The vacuum unit is a powerful Brushless motor, suitable for continuous work. Two filters are installed on the vacuum cleaner head: one to protect the motor and the other placed on the air outlet. The air that comes out is totally filtered



FILTER UNIT

Filtration is provided by two progressive efficiency filters installed in series: a primary star polyester filter class M (filtering efficiency 1 micron) with high filtering surface area and an absolute secondary filter in class H14.



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	Brushless
Power	1,1 kW - 1,5 HP
Frequency	50/60 Hz
Voltage	230 V
Vacuum in continuous run	230 mBar
Maximum air flow	220 m3/h
Noise level	72 dB(A)

MACHINE

Atex marking	II 1/2D Ex h IIIC T95° Da/Db | II 1/3D Ex h IIIC T95° Da/Dc
EX category	1/3D – 1/2D
Operating temperature	-20/+40 C°
Suction inlet	70 Ø mm
Collection system	AISI304 stainless steel container
Capacity	45 Lt
Dimensions	540 x 620 mm
Height	1303 mm
Weight	45 Kg

FILTRATION

Primary filter type	Star
Filter surface	15000 cm2
EN 60335-2-69 filtration class	M
Media	Antistatic polyester
Filter Cleaning System	Manual
Secondary Absolute Filter	H14 - Included
Outlet air filter	Included
Inlet air filter	Included
Outlet Absolute filter	Included

FEATURES



THIRD PARTY ATEX CERTIFICATION



DRY TYPE VACUUM CLEANER
Atex-certified vacuum cleaner with dry dust filtration, as per EN17348



HEPA 14
Absolute filter (EN 1822)



POWER SUPPLY CABLE



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



WHEEL WITH BRAKE
Non-marking wheel with integrated brake



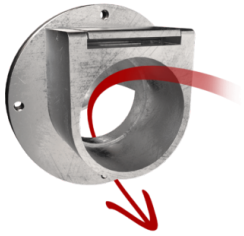
GRD
Grounding



BX
Stainless steel bin AISI 304



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



DEFLECTOR
Internal deflector to protect the filter



PUSH HANDLE

OPTIONS

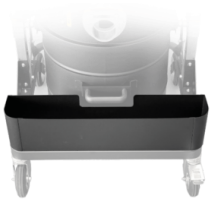
STRUCTURE AND OPTIONS

60HZ

60HZ
Available in 60Hz version



3 YEARS WARRANTY
Purchasing the replacement filter along with the vacuum



AB
Accessories basket



GX
Stainless steel bin and chamber AISI 304



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 ...



P12378
ANTISTATIC STARTER KIT Ø 50MM
Certified basic configuration for charge dissipation on medium-diameter cables. - 3 m of electrically conductive EVA - 2 anti-static rub ...



P12377
ANTISTATIC KIT PRO Ø 50MM
Electrically conductive solution for maximum protection against static discharge. - 3 m of electrically conductive EVA - 2 anti-static r ...