

ATEX AND ACD VACUUM CLEANERS

BL 20 JC DEX 1/3D – 1/2D

ATEX-CERTIFIED PORTABLE INDUSTRIAL VACUUM



POWER
1,1 kW - 1,5 HP



APPLICATION
Combustible dusts



CAPACITY
20 Lt

FEATURES

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

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

The vacuum cleaner equips two levels of progressive efficiency filtration installed in series: a polyester cartridge filter in class M (filtration efficiency 1 micron) 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 T140 Da/Db II 1/3D Ex h IIIC T140 Da/Dc
EX category	1/3D - 1/2D
Operating temperature	-20/+40 C°
Suction inlet	50 Ø mm
Collection system	AISI304 stainless steel container
Capacity	20 Lt
Dimensions	540 x 620 mm
Height	1050 mm
Weight	38 Kg

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
Secondary Absolute Filter	H14 - Included
Outlet air filter	Included
Inlet air filter	Included
Outlet Absolute filter	Included

OPTIONS

STRUCTURE AND OPTIONS

60[✓]Hz

60Hz
Available in 60Hz version



3 YEARS WARRANTY
Purchasing the replacement filter along with the vacuum

ACCESSORIES



P13641
ANTISTATIC STARTER KIT Ø 40MM
Basic kit containing antistatic accessories for application with 40 mm diameter ATEX vacuum cleaner



P13642
ANTISTATIC KIT PRO Ø 40MM
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