ATEX AND ACD VACUUM CLEANERS

CVS 185 3D Z22

ATEX CERTIFIED SUCTION UNIT FOR CENTRALIZED SYSTEMS

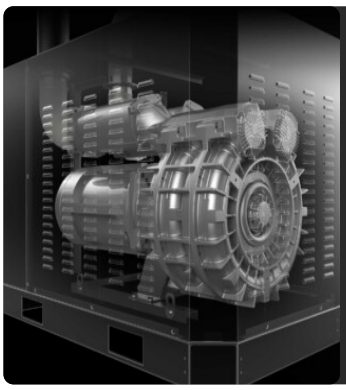
POWER
18,5 kW - 25 HP

APPLICATION
Powders, solids and shavings

FEATURES

- Powerful Atex-certified side-channel blowers suitable for continuous operation
- Reliable suction unit for centralized suction systems Atex
- Easy to move with a forklift
- Multiple construction options available

HIGHLIGHTS



SUCTION UNIT

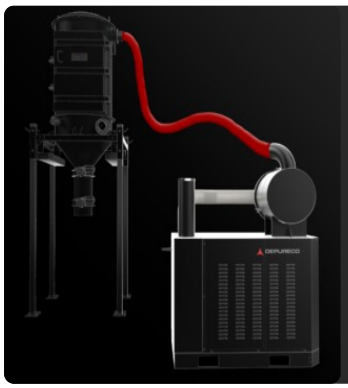
The suction unit is a manufacturer-certified Atex side channel blower with direct coupling between motor and impeller. The Side Channel Blower is equipped with a safety valve that ensures continuous work, without any maintenance.

EASY HANDLING

Two pass-through guides located on the bottom facilitate handling of the unit by forklift truck

ELECTRICAL PANEL WITH REMOTE START

Management via electrical panel equipped with star/delta start and remote control. Implementable with additional functions



REQUIRES FILTRATION UNIT

This unit does not include filtration and collection units, it requires coupling with a filter pre-separator or similar unit

TECHNICAL DATA

MOTOR

Typologies	Atex side channel blower
Power	18,5 kW - 25 HP
Frequency	50/60 Hz
Voltage	400 V
Vacuum in continuous run	270 mBar
Maximum air flow	1350 m3/h
Insulation class	55 | F IP
Noise level	74 dB(A)
Remote control	Free connector available
Electrical panel	Included

MACHINE

Atex marking	II 3D Ex htc IIIB T140°C Dc
EX category	3D
Operating temperature	-10/+40 C°
Suction inlet	102 Ø mm
Dimensions	821 x 1319 mm
Height	1792 mm
Weight	270 Kg
Safety valve	Pressure relief valve
Forklift support	Included

FEATURES

ATEX CERTIFICATION

ELECTRICAL PANEL
Electrical panel, implementable with additional functions

PLUG
4-pole industrial plug

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

POWER SUPPLY CABLE

STEEL CONSTRUCTION
Rugged industrial coated steel construction

PRV
Pressure relief valve installed

OPTIONS

AVAILABLE FILTER MEDIA

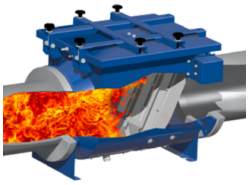
HEPA 14
Absolute filter (EN 1822)
110.000 cm² filter surface
H14 Class Filter (EN 1822)
Glass fiber

STRUCTURE AND OPTIONS

60HZ

60HZ
Available in 60Hz version

3 YEARS WARRANTY
Purchasing the replacement filter along with the vacuum



NON-RETURN VALVE
Isolates explosion and prevents it from spreading from the industrial vacuum to the pipe