

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
- Easy to move with a forklift
- Reliable suction unit for centralized suction systems Atex
- Multiple construction options available

## HIGHLIGHTS



### SUCTION UNIT

The suction unit is a side channel blower with direct coupling between motor and impeller. The Side Channel Blower is equipped with a safety valve to ensure continuous, maintenance-free operation.



### 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
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 cm<sup>2</sup> filter surface  
H14 Class Filter (EN 1822)  
Glass fiber

## STRUCTURE AND OPTIONS

**60<sup>✓</sup>Hz**

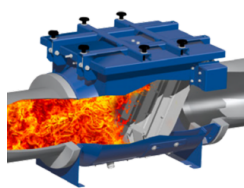
**60HZ**

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