ATEX AND ACD VACUUM CLEANERS

DV AIR 800 3D Z22

TELESCOPIC PRE-SEPARATOR FILTER WITH LOCALIZED DISCHARGE



APPLICATION
Powders, solids and shavings

COLLECTION SYSTEM
Localized discharge

FEATURES

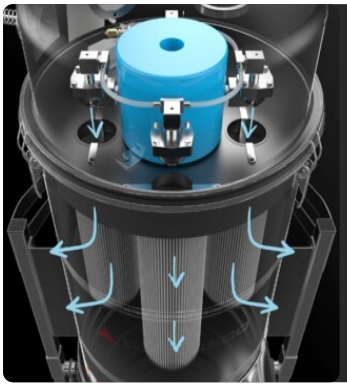
- Very high filtration efficiency with automatic cleaning system
- Simple maintenance
- Telescopic frame for easy handling
- Multiple construction and material discharge options available

HIGHLIGHTS



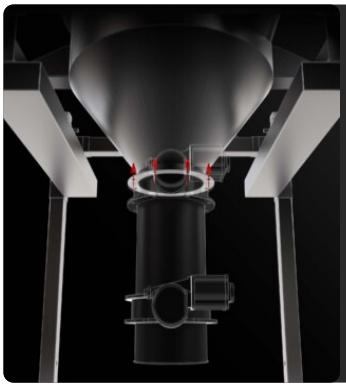
FILTER UNIT

High-efficiency Class M cartridges ensure maximum dust filtration. A practical hatch facilitates maintenance and replacement operations and avoids the need to remove the cover above, making maintenance operations easier.



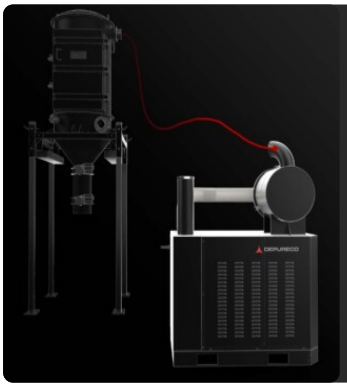
SP FILTER CLEANING SYSTEM

Automatic filter cleaning system in reverse flow of air at 6 bar (compressed air not supplied as standard). Each filter is cleaned at regular, alternately adjustable intervals without interrupting suction. Ideal for fine and difficult dust.



CUSTOM EXHAUST SYSTEM

A specific discharge system, intermittent or continuous, can be installed depending on operational needs.



REQUIRES SUCTION UNIT

This unit performs filtration and collection function, but requires coupling with an external vacuum unit.

TECHNICAL DATA

MACHINE

Atex marking	II 3D Ex htc IIIB T140°C Dc
EX category	3D
Intake suction inlet	130
Outlet suction inlet	130 Ø mm
Collection system	Conveyed discharge
Dimensions	1185 x 1195 mm
Height	3500 mm
Compact height	2175 mm
Weight	380 Kg
Forklift support	Included

FILTRATION

Primary filter type	4x Cartridges
Filter surface	340000 cm2
EN 60335-2-69 filtration class	M
Media	Antistatic polyester
Filter Cleaning System	Automatic SP

FEATURES



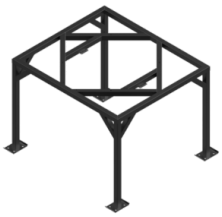
ATEX CERTIFICATION



ELECTRICAL PANEL
Electrical panel, implementable with additional functions



STEEL CONSTRUCTION
Rugged industrial coated steel construction



STR
Four legs to discharge in big bag



COMPRESSED AIR SUPPLY VALVE

OPTIONS

STRUCTURE AND OPTIONS



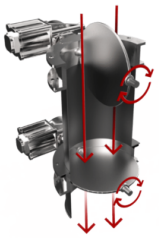
3 YEARS WARRANTY
Purchasing the replacement filter along with the vacuum



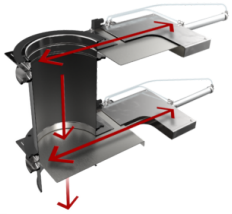
DISCHARGE WITH COUNTERBALANCED FLAP
The material is automatically discharged every time suction is stopped.



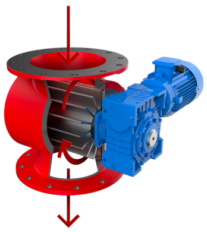
DISCHARGE WITH BUTTERFLY VALVE
Manual intermittent discharging system with butterfly valve
Manual discharging butterfly valve



DOUBLE PNEUMATIC DISCHARGE WITH BUTTERFLY VALVES
System with valves that open alternately to allow the material to be discharged and the vacuum to be maintained at the same time.
Double electro pneumatic discharging butterfly valve ATEX



DOUBLE DISCHARGE WITH ELECTRO-PNEUMATIC DAMPERS
System with dampers that open alternately to allow the material to be discharged and the vacuum to be maintained at the same time.



ROTARY VALVE FOR CONTINUOUS DISCHARGE
The valve rotates continuously allowing a constant and uniform discharge of the aspirated material.
Rotary valve for continuous hopper discharge



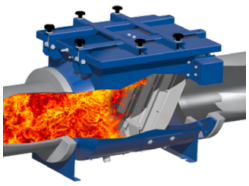
ROTARY LEVEL SENSOR
Sensor with rotating paddle that sends a signal when the container is full to immediately stop suction



FLAMELESS VENT
A valve that contains the flame and the overpressure generated by a possible explosion.



PANEL VENT FOR DIRECTIONAL EXPLOSION
An explosion vent designed to break at a specific pressure and release the explosive pressure in a safe area.
Panel vent for explosion



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