

ATEX AND ACD VACUUM CLEANERS

# HF 30 P 3D Z22

## STATIONARY ATEX INDUSTRIAL VACUUM CLEANER



**POWER**  
22 kW - 30 HP



**APPLICATION**  
Powders, solids and shavings

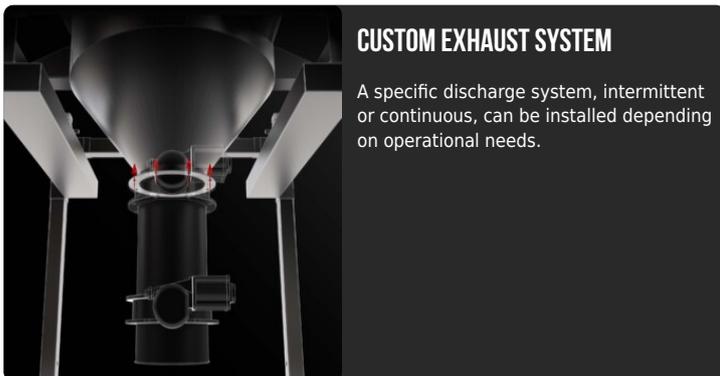
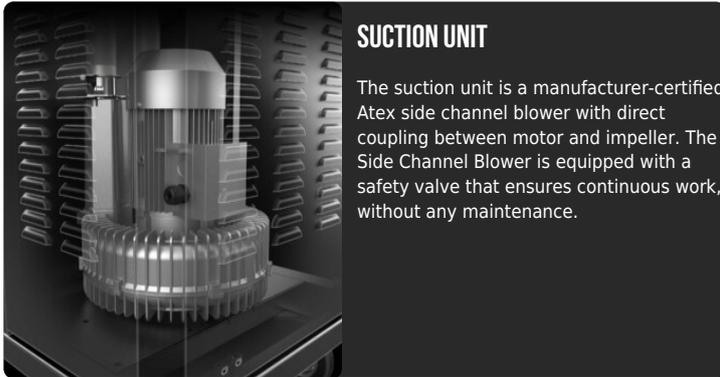


**COLLECTION SYSTEM**  
Localized discharge

## FEATURES

- Powerful Atex-certified side channel blower
- Ideal for on-board machine applications
- SP automatic filter cleaning system
- Multiple construction and material discharge options available

## HIGHLIGHTS



## TECHNICAL DATA

### MOTOR

Typologies	Atex side channel blower
Power	22 kW - 30 HP
Frequency	50/60 Hz
Voltage	400 V
Vacuum in continuous run	300 mBar
Maximum air flow	1856 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	100 Ø mm
Collection system	Conveyed discharge
Discharge diameter	250 Ø mm
Dimensions	1240 x 1910 mm
Height	3488 mm
Safety valve	Pressure relief valve

### FILTRATION

Primary filter type	4x Cartridges
Filter surface	180000 cm2
EN 60335-2-69 filtration class	M
Media	Antistatic polyester
Filter Cleaning System	Automatic SP

OPTIONS

AVAILABLE FILTER CLEANING SYSTEMS



**SP**

Automatic reverse jet cleaning system  
Antistatic M class filter (EN 60335-2-69), 4  
Polyester filter cartridges, 12 m<sup>2</sup> filter surface

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>Hz</sup>**

**60HZ**

Available in 60Hz version



**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



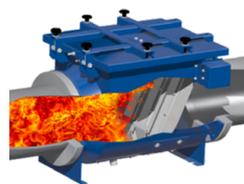
**PANEL VENT FOR DIRECTIONAL EXPLOSION**

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



**FLAMELESS VENT**

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



**NON-RETURN VALVE**

Isolates explosion and prevents it from spreading from the industrial vacuum to the pipe