

DG VL 125 EX - ATEX EXPLOSION PROOF



AVIATION



FOOD INDUSTRY



CHEMICAL-PHARMA



- ✓ Side channel blower motor , powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Integrated filter cleaning system
- ✓ Tangential suction inlet with integrated separation cyclone
- ✓ Pressure relief valve for motor protection
- ✓ ATEX certified for Zone 20 inside the chamber and for Zone 21 outside the chamber
- ✓ Large surface antistatic filter
- ✓ Conceived for fine and hazardous dust suction
- ✓ Additional HEPA filter (99,995% on 0,18 micron) included
- ✓ Stainless steel AISI304 collection tank



SUCTION UNIT

Power	kW	18,5
Electrical protection	IP	65
Max water lift	mmH ₂ O	3.100
Max air flow	m ³ /h	1.100
Suction inlet	mm	120
Noise level (EN ISO 3744)	dB(A)	78



FILTER UNIT

Filter Type	Star
Cleaning system	SELF CLEAN



COLLECTION UNIT

Capacity	l	160
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VOLUME

Dimensions	cm	180x77x200h
Weight	kg	200



SUCTION UNIT

The suction unit is a side channel blower, with direct coupling between the motor and the impeller fan. It is designed without any transmission system, and is therefore silent, totally maintenance free and suitable for continuous duty operations.

A pressure relief valve protects the motor, providing additional air for cooling.

The suction unit is ATEX certified.



FILTER UNIT

An antistatic polyester star filter is placed inside the steel filter chamber. This filter protects the suction unit by preventing any spark which might be caused by electrostatic discharge.

A HEPA filter is included as standard (99,995% on 0,18 micron, class H) which holds the finest dusts and guarantees the cleanliness of the leaving air.

The filter is equipped with a self-cleaning system, controlled by the operator. A pneumatic cylinder shakes the filter cartridge, through a rapid vertical movement that causes the detachment of dust and materials possibly accumulated on the filter.



COLLECTION UNIT

The vacuum is assembled onto a sturdy steel chassis, and provided with industrial quality wheels, that make it suitable for mobile service even when used on rough surfaces.

The vacuumed material is placed inside an AISI304 stainless steel drop-down bin mounted on wheels, which makes it possible to dispose easily and safely of the vacuumed material, if need be collecting it directly into a paper bag.



OPTIONALS

- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER