



# DG VL 75 Z22 - ATEX EXPLOSION PROOF



CEMENT



BUILDING AND CONSTRUCTION



ELECTRONICS



WINE



PLASTICS



- ✓ Side channel blower motor , powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Tangential suction inlet with integrated separation cyclone
- ✓ Complete steel construction
- ✓ Extractable collection container with optional use of disposable bags
- ✓ Easy filter replacement
- ✓ ATEX certified for Zone 22
- ✓ Earth grounding
- ✓ Fork lift intakes included
- ✓ SELF CLEAN filter-shaking cleaning system



## SUCTION UNIT

Atex zones	ATEX Z22	
Marking	Ex II 3D Ex tc IIIB T135°C X Dc	
Voltage	V - Hz	400-50 3~
Power	kW	7.5
Electrical protection	IP	55
Max water lift	mmH <sub>2</sub> O	4500
Max air flow	m <sup>3</sup> /h	750
Suction inlet	mm	120
Noise level (EN ISO 3744)	dB(A)	72



## FILTER UNIT

Filter Type	Star	
Surface - Diameter	cm <sup>2</sup> -mm	70.000-560
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Cleaning system	SELF CLEAN	



## COLLECTION UNIT

Capacity	lt	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.



## FILTER UNIT

A vacuum gauge enables to check constantly the state of the filter and detect possible clogging, warning the operator that the filter must be cleaned.

The suction inlet is tangential, with an internally welded cyclone that deflects the incoming material.

The filter is equipped with a semiautomatic cleaning system handled by the operator. A pneumatic cylinder shakes the star filter by a vertical shaking movement which causes the detachment of dusts and wastes from the filter. This way, the operator will be able to decide without any limits when to turn the vacuum cleaner off and to clean the filter.



## COLLECTION UNIT

The vacuumed material is collected into a wheeled steel container, which can be extracted for easy disposal and can be used with optional disposable bags, for safer and handier disposal.

The detachable AISI 304 steel collection tank has a quick release system for the rapid disposal of the vacuumed material.



## OPTIONALS

- ✓ ABSOLUTE HEPA FILTER /H14
- ✓ PTFE COATED FILTER CLASS M
- ✓ HEAT RESISTANT FILTER (UP TO 250° CELSIUS)
- ✓ STAINLESS STEEL COLLECTION TANK
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ REMOTE CONTROL
- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST