

DG VL 110 Z22 - ATEX EXPLOSION PROOF



WASTE TREATMENT - RECYCLING



TEXTILE



FINISHING



CVS



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



SUCTION UNIT

Atex zones		22
Marking		3D
Voltage	V - Hz	400-50 3~
Power	kW	11
Electrical protection	IP	55
Max waterlift	mmH2O	4000
Max air flow	m³/h	1000
Suction inlet	mm	120
Noise level (EN ISO 3744)	dB(A)	75



FILTRATION UNIT

Filter Type		Star
Surface - Diameter	cm²-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	220



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.



FILTRATION UNIT

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.

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.



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.



OPTIONALS

- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST
- ✓ REMOTE CONTROL
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ STAINLESS STEEL COLLECTION TANK
- ✓ ABSOLUTE HEPA FILTER
- ✓ EXTRA LARGE FILTER CLASS M