

DG 50 EXP Z2 - ATEX EXPLOSION PROOF



CEMENT



CHEMICAL-PHARMACEUTICAL



ELECTRONICS



WINE



RUBBER



- ✓ Side channel blower motor , powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Integrated filter cleaning system
- ✓ Complete steel construction
- ✓ Extractable collection container with optional use of disposable bags

- ✓ Pressure relief valve for motor protection
- ✓ Vacuum gauge to detect filter clogging
- ✓ ATEX certified for zone 2
- ✓ Earth grounding



SUCTION UNIT

Atex zones		ATEX Z2
Marking		3G
Voltage	V - Hz	400-50 3~
Power	kW	4
Electrical protection	IP	55
Max water lift	mmH ₂ O	2300
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Max air flow	m ³ /h	420
Suction inlet	mm	80



FILTER UNIT

Filter Type		Star
Surface - Diameter	cm ² -mm	30.000-500
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Cleaning system		Manual



COLLECTION UNIT

Capacity	lt	100
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VOLUME

Dimensions	cm	60x103x170h
Weight	kg	145



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.

It is possible to clean the filter using an integrated mechanical system: an external lever shakes the filter vertically and enables to clean the filter thoroughly and safely, maintaining constant suction performance and preventing any dispersion of dust in the environment.



COLLECTION UNIT

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.

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