

DG 50 EXP Z2 - ATEX EXPLOSION PROOF



FOOD INDUSTRY



COFFEE, TEA, TOBACCO PROCESSING



BUILDING AND CONSTRUCTION



VEHICLE - TRANSPORT CLEANING



- ✓ Atex certified for zone 2
- ✓ Extractable collection container with optional use of disposable bags
- ✓ Complete steel construction
- ✓ Earth grounding
- ✓ Side channel blower motor, powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Integrated filter cleaning system
- ✓ Pressure relief valve for motor protection
- ✓ Vacuum gauge to detect filter clogging



SUCTION UNIT

Atex zones		2
Marking		3G
Voltage	V - Hz	400-50 3~
Power	kW	4
Electrical protection	IP	55
Max waterlift	mmH2O	2300
Max air flow	m ³ /h	420
Suction inlet	mm	80



FILTRATION 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.



FILTRATION UNIT

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.

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 detachable steel collection tank has a quick release system for the rapid disposal of the sucked material.

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
- ✓ STAINLESS STEEL COLLECTION TANK
- ✓ TOTAL STAINLESS STEEL CONSTRUCTION
- ✓ ABSOLUTE HEPA FILTER
- ✓ REVERSE PULSE FILTER CLEANING