

DG 200 Z22 - ATEX EXPLOSION PROOF



CEMENT



CERAMICS AND POTTERY INDUSTRIES



CHEMICAL-PHARMACEUTICAL



ELECTRONICS



WINE



- ✓ Side channel blower motor , powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Largest surface filter in its category
- ✓ Integrated filter cleaning system
- ✓ Complete steel construction
- ✓ Extractable collection container with optional use of disposable bags
- ✓ Star-triangle switchboard
- ✓ Easy filter replacement
- ✓ ATEX certified for Zone 22
- ✓ Earth grounding
- ✓ Fork lift intakes included



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	18.5
Electrical protection	IP	65
Max water lift	mmH ₂ O	4400
Max air flow	m ³ /h	1350
Suction inlet	mm	120
Noise level (EN ISO 3744)	dB(A)	77



FILTER UNIT

Filter Type		
Surface - Diameter	cm ² -mm	120.000-780
Material - Efficiency	IEC 60335-2-69	
Cleaning system		



COLLECTION UNIT

Capacity	lt	220
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VOLUME

Dimensions	cm	92x220x220h
Weight	kg	660



SUCTION UNIT

The suction unit is a side channel blower, with direct coupling between the motor and the impeller fan. It 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 an automatic filter shaking system. A pneumatic cylinder periodically shakes the star filter by a vertical shaking movement which causes the detachment of dusts and wastes from the filter. The frequency and length of this system can be adjusted by means of a timer placed inside the electrical panel



COLLECTION UNIT

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
- ✓ 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