

DG 300 HD Z22 - ATEX EXPLOSION PROOF



CEMENT



CHEMICAL-PHARMACEUTICAL



BUILDING AND CONSTRUCTION



ELECTRONICS



WINE



- ✓ Side channel blower motor , powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Integrated filter cleaning system
- ✓ Tangential suction inlet with integrated separation cyclone
- ✓ Complete steel construction
- ✓ Extractable collection container with optional use of disposable bags
- ✓ Vacuum gauge to detect filter clogging
- ✓ Star-triangle switchboard
- ✓ ATEX certified for Zone 22
- ✓ Large surface antistatic filter
- ✓ Suitable for high specific weight material



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	25
Electrical protection	IP	65
Max water lift	mmH ₂ O	4500
Max air flow	m ³ /h	2200
Suction inlet	mm	120
Noise level (EN ISO 3744)	dB(A)	78



FILTER UNIT

Filter Type	Star	
Surface - Diameter	cm ² -mm	120.000 - 780
Material - Efficiency	IEC 60335-2-69	Polyester - L
Cleaning system	Automatic AUT	



COLLECTION UNIT

Capacity	lt	220
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VOLUME

Dimensions	cm	92x220x220h
Weight	kg	805



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

The large surface star filter, located inside the filter stainless steel chamber, is made of polyester and provides high resistance against clogging and passage of fine dust. 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 vacuum is assembled onto a sturdy steel chassis, and provided with industrial quality wheels, that make it suitable for mobile service even when used on rough surfaces. The vacuumed material is collected into a wheeled steel detachable container, which can be extracted for easy disposal and can be used with optional disposable bags, for safer and handier disposal.



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