

## 202 DS Z22 M - ATEX EXPLOSION PROOF



FOOD INDUSTRY



PAPER INDUSTRY



CHEMICAL-PHARMACEUTICAL



BUILDING AND CONSTRUCTION



- ✓ Atex certified for Zone 22
- ✓ Easy filter replacement
- ✓ Compact and mobile
- ✓ 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
- ✓ Vacuum gauge to detect filter clogging



### SUCTION UNIT

Atex zones		22
Marking		3D
Voltage	V - Hz	230-50 1~
Power	kW	1.8
Electrical protection	IP	55
Max waterlift	mmH2O	2300
Max air flow	m³/h	250
Suction inlet	mm	50
Noise level (EN ISO 3744)	dB(A)	70



### FILTRATION UNIT

Filter Type		Cartridge
Surface - Diameter	cm²-mm	30.000-360
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Cleaning system		Dustop



### COLLECTION UNIT

Capacity	lt.	20
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### VOLUME

Dimensions	cm	50x48x120h
Weight	kg	64



## 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.



## FILTRATION UNIT

It is possible to clean the filter using the Dustop, an integrated reverse pulse system: by closing the suction inlet and opening a flap in the filter chamber, the airflow generated by the motor cleans 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.



## OPTIONALS

- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST
- ✓ STAINLESS STEEL CHASSIS
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ STAINLESS STEEL COLLECTION TANK
- ✓ ABSOLUTE HEPA FILTER