

## 202 DS ECO T Z20 - Z21/22 - ATEX EXPLOSION PROOF



FOOD INDUSTRY



CHEMICAL-PHARMACEUTICAL



METALWORKING



VEHICLE - TRANSPORT CLEANING



- ✓ ATEX certified for Zone 20 inside the chamber and for Zone 21 outside the chamber
- ✓ Compact and mobile
- ✓ Stainless steel AISI304 collection tank
- ✓ Complete steel construction
- ✓ Large surface antistatic filter
- ✓ Additional HEPA filter (99,995% on 0,18 micron) included
- ✓ Low noise level
- ✓ Side channel blower motor, powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Pressure relief valve for motor protection
- ✓ Vacuum gauge to detect filter clogging



### SUCTION UNIT

Atex zones		20 Ins - 21/22 Out
Marking		II 1/3D - II 1/2D
Voltage	V - Hz	400
Power	kW	2,2
Electrical protection	IP	65
Max waterlift	mmH2O	1800
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	52X48X120h
Weight	kg	64



## SUCTION UNIT

The suction unit is ATEX certified.

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.



## FILTRATION UNIT

An antistatic polyester cartridge filter is placed inside the steel filter chamber. This filter protects the suction unit by preventing any spark which might be caused by electrostatic discharge. A HEPA filter is included as standard (99,995% on 0,18 micron, class H) which holds the finest dusts and guarantees the cleanliness of the leaving air.

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.



## 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 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.



## OPTIONALS

- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ ABSOLUTE HEPA FILTER