

PHARMA 20 Z20 - Z21/22 - ATEX EXPLOSION PROOF



COFFEE, TEA, TOBACCO PROCESSING



CHEMICAL-PHARMACEUTICAL



GOLDSMITHS



OPTICS



- ✓ ATEX certified for Zone 20 inside the chamber and for Zone 21 outside the chamber
- ✓ Extractable collection container with optional use of disposable bags
- ✓ Stainless steel AISI304 collection tank
- ✓ High filtration efficiency
- ✓ Additional HEPA filter (99,995% on 0,18 micron) included
- ✓ Earth grounding
- ✓ Side channel blower motor, powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Conceived for fine and hazardous dust suction
- ✓ Integrated filter cleaning system
- ✓ Vacuum gauge to detect filter clogging



SUCTION UNIT

Atex zones		20 Ins - 21/22 Out
Marking		II 1/3D IIIB T135°C X IP65 Da/Dc
Voltage	V - Hz	400-50 3~
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)	67



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.	33
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VOLUME

Dimensions	cm	47x69x135h
Weight	kg	72



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.

The suction unit is ATEX certified.



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 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
- ✓ TOTAL STAINLESS STEEL CONSTRUCTION
- ✓ ACTIVATED CARBON FILTER
- ✓ INTERNAL POLISHING FOR FILTER CHAMBER AND TANK