



## ZEFIRO EL 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

- ✓ Vacuum gauge to detect filter clogging
- ✓ Reduced downtime of machine tools
- ✓ ATEX certified for Zone 22
- ✓ Earth grounding



### SUCTION UNIT

Atex zones		ATEX Z22
Marking		Ex II 3D Ex tc IIIB T135°C X Dc
Voltage	V - Hz	230-50 1~ / 400-50 3~
Power	kW	1.8 / 2.2
Electrical protection	IP	55
Max water lift	mmH <sub>2</sub> O	1800 / 3000
Max air flow	m <sup>3</sup> /h	250 / 330
Suction inlet	mm	80
Noise level (EN ISO 3744)	dB(A)	74



### FILTER UNIT

Filter Type		Star
Surface - Diameter	cm <sup>2</sup> -mm	20.000-500
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Cleaning system		Manual



### COLLECTION UNIT

Capacity	lt	60
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### VOLUME

Dimensions	cm	79x66x170h
Weight	kg	90



## 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.



## 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.

It is possible to clean the filter using an integrated mechanical system: an external lever shakes the filter vertically and enables to clean the filter thoroughly and safely, maintaining constant suction performance and preventing any dispersion of dust in the environment.



## COLLECTION UNIT

The vacuumed material is collected into a wheeled steel 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
- ✓ STAINLESS STEEL COLLECTION TANK
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ CYCLONE FOR FILTER PROTECTION
- ✓ ABS ACCESSORY BASKET AND DOUBLEBEND HOLDER
- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST