

ZEFIRO EL Z22 - ATEX EXPLOSION PROOF



FOOD INDUSTRY



SHIPYARDS



METALWORKING



PLASTICS



- ✓ Atex certified for Zone 22
- ✓ Extractable collection container with optional use of disposable bags
- ✓ Complete steel construction
- ✓ Largest surface filter in its category
- ✓ Earth grounding
- ✓ Side channel blower motor, powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Reduced downtime of machine tools
- ✓ Integrated filter cleaning system
- ✓ Vacuum gauge to detect filter clogging



SUCTION UNIT

Atex zones		22
Marking		3D
Voltage	V - Hz	230-50 1~ / 400-50 3~
Power	kW	1.8 / 2.2
Electrical protection	IP	55
Max waterlift	mmH ₂ O	1800 / 3000
Max air flow	m ³ /h	250 / 330
Suction inlet	mm	80
Noise level (EN ISO 3744)	dB(A)	74



FILTRATION UNIT

Filter Type		Star
Surface - Diameter	cm ² -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.



FILTRATION UNIT

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. 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 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

- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST
- ✓ ABS ACCESSORY BASKET AND DOUBLE BEND HOLDER
- ✓ CYCLONE FOR FILTER PROTECTION
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ STAINLESS STEEL COLLECTION TANK
- ✓ ABSOLUTE HEPA FILTER