

ZEFIRO 75 - INDUSTRIAL THREE PHASE



FOOD INDUSTRY



BUILDING AND CONSTRUCTION



METALWORKING



TEXTILE



- ✓ Easy filter replacement
- ✓ Compact and mobile
- ✓ Extractable collection container with optional use of disposable bags
- ✓ Complete steel construction
- ✓ Largest surface filter in its category
- ✓ Low noise level
- ✓ 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

Voltage	V - Hz	400 - 50
Power	kW	3
Electrical protection	IP	55
Max waterlift	mmH2O	3000
Max air flow	m ³ /h	350
Suction inlet	mm	80
Noise level (EN ISO 3744)	dB(A)	75



FILTRATION UNIT

Filter Type		Star
Surface - Diameter	cm ² -mm	20.000-500
Material - Efficiency	IEC 60335-2-69	Polyester - L
Air load on filter	m ³ /m ² /h	174
Cleaning system		Manual



COLLECTION UNIT

Discharge system		Roll-out container
Capacity	lt.	100



VOLUME

Dimensions	cm	79X66X170h
Weight	kg	95



SUCTION UNIT

The suction unit is a side channel blower, with direct coupling between the motor and the impeller fan. It is 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

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.

The large surface star filter, located inside the filter chamber, is made of polyester and provides high resistance against clogging and passage of fine dust.

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
- ✓ CYCLONE FOR FILTER PROTECTION
- ✓ ANTISTATIC FILTER CLASS L
- ✓ ANTISTATIC FILTER CLASS M
- ✓ ABSOLUTE HEPA FILTER
- ✓ FILTER FOR FINE DUST - CLASS M
- ✓ HEAT RESISTANT FILTER (UP TO 250° CELSIUS)
- ✓ PTFE COATED FILTER CLASS M
- ✓ EARTH GROUNDING
- ✓ PRESSURE RELIEF VALVE