



ZFR 75 - INDUSTRIAL THREE PHASE



CHEMICAL-PHARMACEUTICAL



ELECTRONICS



- ✓ 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
- ✓ Low noise level
- ✓ Compact and mobile
- ✓ Easy filter replacement
- ✓ Reduced downtime of machine tools



SUCTION UNIT

Voltage	V - Hz	230/460 - 60 3~
Power	HP (kW)	4.6 (3.5)
Electrical protection	IP	55
Max water lift	inH ₂ O (mmH ₂ O)	69.3 (1760)
Max air flow	CFM (m ³ /h)	264.9 (450)
Suction inlet	in (mm)	3 (80)
Noise level (EN ISO 3744)	dB(A)	75



FILTER UNIT

Filter Type		Star
Surface - Diameter	mm, in (mm)	32 ft ² (3 m ²)
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Air load on filter	m ³ /m ² /h	8.2 (123)
Cleaning system		Manual



COLLECTION UNIT

Capacity	gal (lt)	26 (100)
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VOLUME

Dimensions	in (cm) WxLxH	31 x 26 x 67 (79x66x170h)
Weight	lb (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 quiet, totally maintenance-free and suitable for continuous duty operations.

A pressure relief valve protects the motor, providing additional air for cooling.



FILTER UNIT

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

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 easy disposal.



OPTIONALS

- ✓ ABSOLUTE HEPA FILTER /H14
- ✓ PTFE COATED FILTER CLASS M
- ✓ GROUNDING
- ✓ CYCLONE FOR FILTER PROTECTION
- ✓ PRESSURE RELIEF VALVE
- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST
- ✓ REMOTE CONTROL
- ✓ ENDLESS BAG BAGGING SYSTEM