

ZFR EL HD - INDUSTRIAL THREE PHASE



FOOD INDUSTRY



OEM ORIGINAL EQUIPMENT MANUFACTURER



CHEMICAL-PHARMACEUTICAL



COFFEE, TEA, TOBACCO PROCESSING



HEAVY INDUSTRY



- ✓ Side channel blower motor, powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Largest surface filter in its category
- ✓ Integrated filter cleaning system
- ✓ Low noise level
- ✓ Compact and mobile
- ✓ Easy filter replacement
- ✓ Easily removable container for safe disposal of collected material
- ✓ Sturdy vacuum cleaner for intensive use
- ✓ Accessory kit included



SUCTION UNIT

Voltage	V - Hz	400 - 50 3~
Power	kW	4
Electrical protection	IP	65
Max water lift	mmH ₂ O	3.600/2.900
Max air flow	m ³ /h	318
Suction inlet	mm	80
Noise level (EN ISO 3744)	dB(A)	76



FILTER UNIT

Filter Type		Star
Surface - Diameter	cm ² -mm	30.000 - 500
Material - Efficiency	IEC 60335-2-69	Polyester - L
Air load on filter	m ³ /m ² /h	133
Cleaning system		Manual



COLLECTION UNIT

Discharge system		
Capacity	l	60



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.



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.



COLLECTION UNIT

The detachable AISI 304 steel collection tank has a quick release system for the rapid disposal of the vacuumed material.

The unit is manufactured with thick painted steel for improved sturdiness and long-lasting lifetime



OPTIONALS

- ✓ ANTISTATIC FILTER CLASS M
- ✓ PTFE COATED FILTER CLASS M
- ✓ STAINLESS STEEL COLLECTION TANK
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ CYCLONE FOR FILTER PROTECTION
- ✓ REMOTE CONTROL
- ✓ STAINLESS STEEL CHAMBER
- ✓ EARTH GROUNDING
- ✓ ABSOLUTE HEPA FILTER /H14