

## ZFR EL TR XX ANT M - INDUSTRIAL THREE PHASE



CHEMICAL-PHARMACEUTICAL



CLEANING CONTRACTORS



COFFEE, TEA, TOBACCO PROCESSING



HEAVY INDUSTRY



- ✓ Side channel blower motor , powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Full customization for specific needs
- ✓ Largest surface filter in its category
- ✓ Easily removable container for safe disposal of collected material
- ✓ Integrated filter cleaning system
- ✓ Sturdy vacuum cleaner for intensive use
- ✓ Pressure relief valve for motor protection
- ✓ High efficiency filtration



### SUCTION UNIT

Voltage	V - Hz	400 - 50
Power	kW	3
Electrical protection	IP	55
Max air flow	m <sup>3</sup> /h	318
Suction inlet	mm	80
Noise level (EN ISO 3744)	dB(A)	76



### FILTER UNIT

Filter Type	Star	
Surface - Diameter	cm <sup>2</sup> -mm	30.000 - 500
Material - Efficiency	IEC 60335-2-69	ANT Polyester - M - 1µm
Air load on filter	m <sup>3</sup> /m <sup>2</sup> /h	106
Cleaning system	Manual	



### COLLECTION UNIT

Discharge system		
Capacity	l	60



### VOLUME

Dimensions	cm	70x66x182h - 90 kg
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## SUCTION UNIT

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

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.

zPdiffer filter reduces the speed and noise of the air on the exhaust outlet.



## FILTER UNIT

The large surface star filter, located inside the AISI304 stainless filter chamber, is made of conductive antistatic polyester, tailored with pockets in order to increase the filter surface (30.000 cm<sup>2</sup>), and has a high filtration efficiency (class M, 1 micron).

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 aluminium die-cast suction inlet (80 mm. diameter), placed below the filter, makes it possible to vacuum at the same time dust, solid and liquid material (the latter only within the capacity of the container), with no need to change or take out the filter.



## COLLECTION UNIT

The vacuumed material is placed inside a drop-down AISI304 stainless bin mounted on four

wheels (60 litres capacity- two wheels with brakes) with possibility of using standard disposable bags.

The vacuum is assembled onto a sturdy AISI304 stainless chassis, and provided with four wheels( two of which with brakes),that make it suitable for mobile service .



## OPTIONALS

- ✓ ABSOLUTE HEPA FILTER /H14
- ✓ REMOTE CONTROL
- ✓ SIEVE GRID AND DISCHARGE VALVE
- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST