

ZFR EV 420 1/2D - INDUSTRIAL THREE PHASE



FOOD INDUSTRY



ALUMINUM AND PVC



- ✓ Integrated filter cleaning system
- ✓ Complete steel construction
- ✓ Extractable collection container with optional use of disposable bags
- ✓ Easy filter replacement
- ✓ High filtration efficiency
- ✓ High air flow value
- ✓ Conceived for the suction of fine dusts suspended in the air
- ✓ Optional articulated arm to suction in a restricted area
- ✓ ATEX certified for Zone 20 inside the chamber and for Zone 21 outside the chamber
- ✓ Earth grounding



SUCTION UNIT

Atex zones	ATEX Z20/21		
Marking	Ex II 1/2D Ex h IIIC T135°C Da/Db		
Voltage	V - Hz	400	50 3-
Power	kW	0,75	
Electrical protection	IP	65	
Max water lift	mmH ₂ O	180	
Max air flow	m ³ /h	1000	
Suction inlet	mm	100	
Noise level (EN ISO 3744)	dB(A)	70	



FILTER UNIT

Filter Type	Star	
Surface - Diameter	cm²-mm	20.000 - 420
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Cleaning system	Manual	



COLLECTION UNIT

Discharge system			
Capacity	l	45	



VOLUME

Dimensions	cm	52x60x180h	
Weight	kg	60	



SUCTION UNIT

The suction unit is made of an electric fan which guarantees elevated air flow.



FILTER 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 antistatic filter, located inside the filter chamber, is made of polyester and provides high resistance against clogging and passage of fine dust.



COLLECTION UNIT

The vacuumed material is placed inside an AISI304 stainless steel drop-down bin mounted on wheels, which makes it possible to dispose easily and safely of the vacuumed material, if need be collecting it directly into a paper bag.



OPTIONALS

- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST
- ✓ EXTRACTION ARM