



## 220 BL - ATEX EXPLOSION PROOF



FOOD INDUSTRY



CERAMICS AND POTTERY INDUSTRIES



ELECTRONICS



OPTICS



PLASTICS



- ✓ Largest surface filter in its category
- ✓ Complete steel construction
- ✓ Compact and mobile
- ✓ Easy filter replacement
- ✓ Stainless steel AISI304 collection tank
- ✓ Motor with very long service life
- ✓ Dustop filter cleaning system
- ✓ Tangential suction inlet with integrated separation cyclone
- ✓ ATEX-certified Z22
- ✓ Maximum safety thanks to the three levels of air filtration



### SUCTION UNIT

Atex zones		22
Marking		Ex II 3D Ex tc IIIB T135°C X Dc
Voltage	V - Hz	230 - 50
Power	kW	1,1
Max waterlift	mmH2O	2.250
Max air flow	m³/h	215
Suction inlet	mm	50
Noise level (EN ISO 3744)	dB(A)	74



### FILTER UNIT

Filter Type		Cartridge
Surface - Diameter	cm²-mm	30.000 - 360
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Cleaning system		Dustop



### COLLECTION UNIT

Capacity	lt.	20
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### VOLUME

Dimensions	cm	57x48x108h
Weight	kg	35



## SUCTION UNIT

The motor head is equipped with a Brushless motor: the lack of carbons allows the use of the machine even in explosive hazardous areas. The motor is protected by a series of filters and it is turned on by an independent switch placed on a soundproofed and robust metal motor head.

The motor head includes a vacuum gauge and tension power lights as standard.



## FILTER UNIT

The antistatic polyester cartridge filter placed inside the filter chamber guarantees a large filter surface and prevents the clogging of the filter.

It is possible to clean the filter using the Dustop, an integrated reverse pulse system: by closing the suction inlet and opening a flap in the filter chamber, the airflow generated by the motor cleans 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 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.



## OPTIONALS

- ✓ ABSOLUTE HEPA FILTER
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST