

W1 1/2D – Compact and versatile industrial vacuum cleaner

INDUSTRIAL VACUUM CLEANERS



- ✓ The inside of the filter chamber is ATEX Z20 certified; the outside of the machine is Z21 certified

Suction unit

Voltage	V - Hz	230 - 50 ~ 1
Marking	II 1/2D Ex h tb IIIC T80° (int) /T95°C (ext) Da/Db	
Usage area	Hazardous location	
EX category	CE EX 21 1/2D	
Power	kW	1,1
Max waterlift	mmH2O	2.250
Max air flow	m3/h	215
Construction	AISI304 stainless steel	
Noise level (EN ISO 3744)	dB(A)	74

Filtering Unit


Primary filter	Star	
Surface - Diameter	cm ² -mm	8.000 - 280
Material - Efficiency	IEC 60335-2-69	Poliestere ANT M
Cleaning system	Manual	

Collection unit

Capacity	lt	15
Collection tank	AISI304 stainless steel	
Collection system	Release container	

Encumbrances

Dimensions	mm	430x430x925
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APPLICATIONS:  Food, chemical and pharmaceutical industry



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SUCTION UNIT

The suction unit is equipped with a brushless motor which, thanks to the absence of carbon brushes, allows the machine to be used in the safest conditions, even in potentially explosive atmospheres. The motor is protected by a series of efficient filters and is activated by an independent switch located on a solid metal head, soundproofed with sound-absorbing material. The head is supplied as standard with a vacuum gauge and voltage presence indicators.

FILTERING UNIT

Inside the steel filter chamber is the antistatic polyester pocket filter, which protects the suction unit and prevents the risk of sparks due to static energy build-up. An absolute filter (99.995% of 0.18 micron, Class H) is included to ensure the retention of the finest dust and the purity of the exhaust air.

COLLECTION UNIT

The vacuumed material is collected in a stainless steel container, mounted on wheels, which allows for quick and clean disposal.