

# 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 <sup>2</sup> -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	420 x 400 x 925
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APPLICATIONS:  Food, chemical and pharmaceutical industry

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## **SUCTION UNIT**

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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**

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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**

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