

# W2 1/2D – ATEX-certified industrial vacuum cleaner for areas with high explosion risk

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 - 50/60 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 x 1,1 brushless
Max waterlift	mmH2O	2250
Max air flow	m3/h	215
Noise level (EN ISO 3744)	dB(A)	74

## Filtering Unit

Primary filter	Star	
Surface - Diameter	cm <sup>2</sup> -mm	20.000 - 420
Total filtering surface area	cm <sup>2</sup>	11.000
Cleaning system	Manual	
Filtration efficiency	M ANT	
Primary filter	Standard	
Filter class		

## Collection unit

Capacity	lt	40
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## Encumbrances

Dimensions	mm	620 x 570 x 1200
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## APPLICATIONS:



All data mentioned in this document may change without notice.  
Tutti i dati in questo documento potrebbero variare senza preavviso.

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## **SUCTION UNIT**

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Suction is generated by one carbon brush by-pass motor activated by independent switches located on a solid metal head, soundproofed with sound-absorbing material.

## **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.