

W3 1/2D – ATEX-certified industrial vacuum cleaner for areas with high explosion risk

INDUSTRIAL VACUUM CLEANERS



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	2 x 1,1 brushless
Max waterlift	mmH2O	2250
Max air flow	m3/h	430
Noise level (EN ISO 3744)	dB(A)	74

Filtering Unit

Primary filter		Star
Surface - Diameter	cm ² -mm	20.000 - 420
Total filtering surface area	cm ²	26.000
Material - Efficiency	IEC 60335-2-69	M ANT
Cleaning system		Manual
Filtration efficiency		
Primary filter		Standard

Collection unit

Capacity	lt	65/100
Collection tank		AISI304 stainless steel

Encumbrances

Weight	kg	74
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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

The suction unit is equipped with two brushless motors which, thanks to the absence of carbon brushes, allow the machine to be used in the safest conditions, even in potentially explosive atmospheres. The motors are protected by different levels of filtration and are soundproofed.

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.