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

INDUSTRIAL VACUUMS



Suction Unit		
Power supply	V - Hz	230 - 50/60 1~
Marking	II 1/2D Ex h tb IIIC T80° (int)/T95°C (ext) Da/Db	
Zone use		Hazardous location
EX Category		CE EX 21 1/2D
Power	kW	2 x 1,1 brushless
Maximum depression	mmH2O	2250
Maximum air flow rate	m3/h	430
Noisiness (EN ISO 3744)	dB(A)	74
Filter Unit		
Primary filter		Pockets
Surface area - diameter	cm^2-mm	20.000 - 420
Total filter surface area	cm^2	26.000
Filter media - class	IEC 60335-2-69	M ANT
Cleaning system		Handbook
Filtration efficiency		
Absolute filter		Standard
Collection unit		
Capacity	lt	65/100
Collection container		Stainless Steel AISI304
Encumbrances		
Weight	kg	74

APPLICATIONS:

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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.

FILTER 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.