W1 1/2D ATEX vacuum cleaner for solid powders and liquids

INDUSTRIAL VACUUMS



- The inside of the filter chamber is ATEX Z20 certified; the outside of the machine is Z21 certified
- Compliance to EN IEC 62784:2018 for zone 22

Suction Unit		
Power supply	V - Hz	230 - 50 ~ 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	1,1
Maximum depression	mmH2O	2.250
Maximum air flow rate	m3/h	215
Construction		Stainless Steel AISI304
Noisiness (EN ISO 3744)	dB(A)	74
Filter Unit		
Primary filter		Pockets
Surface area - diameter	cm^2-mm	8.000 - 280
Filter media - class	IEC 60335-2-69	Polyester ANT M
Cleaning system		Handbook
Collection unit		
Capacity	lt	15
Collection container		Stainless Steel AISI304
Collection system		Release container
Encumbrances		

APPLICATIONS: **Food, chemical and pharmaceutical industry**

DUPUY

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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.

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.