

W2 AIR-EX 1/2D – ATEX certified industrial compressed air vacuum cleaner

INDUSTRIAL VACUUM CLEANERS



- ✓ Compressed air supply via a Venturi unit
- ✓ The inside of the filter chamber is ATEX Z20 certified; the outside of the machine is Z21 certified

APPLICATIONS:



Suction unit

Marking	1/3 D Ex h IIIC T80°C Da/Dc	
Usage area		Hazardous location
EX category		CE EX 22 1/3D
Max waterlift	mmH ₂ O	3.700
Max air flow	m ³ /h	150 - 300
Suction inlet	mm	50
Noise level (EN ISO 3744)	dB(A)	78
Air supply	nlt/min (nm ³ /h)	729 (43) -1458 (87)
Air supply pressure	bar	6
Air supply hose	mm	12

Filtering Unit

Primary filter		Star
Surface - Diameter	cm ² -mm	420
Total filtering surface area	cm ²	20.000
Material - Efficiency	IEC 60335-2-69	M ANT
Cleaning system		Manual
Filtration efficiency		
Primary filter		Standard
Surface - Diameter	cm ² -mm	11.000-20.500

Collection unit

Collection system	Release container
Discharge system	Release container

Encumbrances

Dimensions	cm	63x57x110h
Weight	kg	50

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SUCTION UNIT

Suction is generated by one Venturi air vacuum unit enclosed in a solid steel head containing sound-absorbing material. This minimises noise during operation.

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.