

W1 AIR-EX 1/3D – 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 Z22 certified

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	mmH2O	3.700
Max air flow	m3/h	150-300
Suction inlet	mm	50
Noise level (EN ISO 3744)	dB(A)	78
Air supply	nl/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	8.000-280
Material - Efficiency	IEC 60335-2-69	M ANT
Cleaning system	Manual	
Filtration efficiency		
Primary filter	Standard	

Collection unit

Capacity	lt	15
Collection system	Release container	

Encumbrances

Dimensions	cm	43x40x98h
Weight	kg	33-35

APPLICATIONS:  Food, chemical and pharmaceutical industry Sandblasting

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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.