

ATEX certified industrial compressed air vacuum cleaner | W1

AIR-EX 1/2D

INDUSTRIAL VACUUMS



- ✓ Compressed air supply via a Venturi unit
- ✓ Compact and portable industrial vacuum cleaner.
- ✓ The inside of the filter chamber is ATEX Z20 certified; the outside of the machine is Z21 certified
- ✓ 100% steel construction.

APPLICATIONS:



Suction Unit

Marking	II 1/2D Ex h IIC T85° C Da/Db - II 2/2G Ex h IIB T6 Gb/Gb	
Zone use	Hazardous location	
EX Category	CE EX 21 1/2D	
Maximum depression	mmH2O	3.700
Maximum air flow rate	m3/h	150 - 300
Noisiness (EN ISO 3744)	dB(A)	78
Air supply	nlt/min (nm ³ /h)	729 (43) - 1458 (87)
Air supply pressure	bar	6

Filter Unit

Primary filter	Pockets	
Surface area - diameter	cm ² -mm	8.000-280
Filter media - class	IEC 60335-2-69	M ANT
Cleaning system	Handbook	
Filtration efficiency		
Absolute filter	Standard	
Surface area - diameter	cm ² -mm	11.000

Collection unit

Capacity	lt	15
Collection system	Release container	

Encumbrances

Weight	kg	33 - 35
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All data mentioned in this document may change without notice.
Tutti i dati in questo documento potrebbero variare senza preavviso.

www.dupuyvacuums.com
info@dupuy.it

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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.

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.