

# W1 AIR-EX 1/2D – ATEX certified industrial compressed air vacuum cleaner

## 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

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 <sup>3</sup> /h)	729 (43) - 1458 (87)
Air supply pressure	bar	6

### Filter Unit

Primary filter		Pockets
Surface area - diameter	cm <sup>2</sup> -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 <sup>2</sup> -mm	11.000

### Collection unit

Capacity	lt	15
Collection system		Release container

### Encumbrances

Dimensions	cm	430x430x850
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## **SUCTION UNIT**

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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**

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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**

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The vacuumed material is collected in a stainless steel container, mounted on wheels, which allows for quick and clean disposal.