

# W1 AIR-EX 1/3D safe dust extractor for zone 22

INDUSTRIAL VACUUMS



- ✓ 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
- ✓ 100% steel construction.

## Suction Unit

Marking	1/3 D Ex h IIIC T80°C Da/Dc	
Zone use	Hazardous location	
EX Category	CE EX 22 1/3D	
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	
Total filter surface area	cm <sup>2</sup>	8.000-280
Filter media - class	IEC 60335-2-69	M ANT
Cleaning system	Handbook	
Filtration efficiency		

## Collection unit

Capacity	lt	15
Collection system	Release container	

## Encumbrances

Dimensions	cm	43x40x98h
Weight	kg	22,25

APPLICATIONS:  Food, chemical and pharmaceutical industry    Sandblasting

# W1 AIR-EX 1/3D safe dust extractor for zone 22

INDUSTRIAL VACUUMS

## **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 detachable container, mounted on wheels, which allows for quick and clean disposal. Bagging is also possible.