

# W2 EX 1/3D

## INDUSTRIAL VACUUMS



- ✓ ACD classification for vacuuming combustible dust in non-classified zones
- ✓ The inside of the filter chamber is ATEX Z20 certified; the outside of the machine is Z21 certified
- ✓ Compliance to EN IEC 62784:2018 for zone 22

### Suction Unit

Power supply	V - Hz	230 - 50/60 1~
Marking	II 1/3D Ex h tb IIIC T80° (int)/T95°C (ext) Da/Dc	
EX Category		CE EX 22 1/3D
Power	kW	1 x 1,1 by-pass
Maximum depression	mmH2O	2.400
Maximum air flow rate	m3/h	180
Noisiness (EN ISO 3744)	dB(A)	76

### Filter Unit


Surface area - diameter	cm <sup>2</sup> -mm	20.000 - 420
Total filter surface area	cm <sup>2</sup>	11.000
Filter media - class	IEC 60335-2-69	M ANT
Cleaning system		Handbook

### Collection unit

Capacity	lt	40
Collection container		Stainless Steel AISI304

### Encumbrances

Dimensions	cm	63x57x120h
Weight	kg	49

APPLICATIONS:  Food, chemical and pharmaceutical industry



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### **SUCTION UNIT**

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The suction unit is Atex certified

### **FILTER UNIT**

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The antistatic polyester pocket filter is located inside the steel filtering chamber and protects the suction unit, ensuring high dust retention and purity of the exhaust air thanks to its large surface area and high filtration efficiency. A manual cleaning system, consisting of a vertically moving filter shaker, allows the operator to clean the filter effortlessly at any time, extending the filter's life and preventing it from becoming saturated and reducing suction power. The suction system positioned below the filter allows the simultaneous suction of dust, solids and liquids without the need to replace or remove the filter.

### **COLLECTION UNIT**

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The vacuumed material is collected in an AISI304 stainless steel container, mounted on wheels, which allows for quick and clean disposal. The vacuumed liquid can be discharged through a discharge valve at the rear of the vacuum cleaner