

# W3 1/3D – industrial vacuum cleaner for combustible dust ATEX certified

## INDUSTRIAL VACUUM CLEANERS



- ✓ The inside of the filter chamber is ATEX Z20 certified; the outside of the machine is Z22 certified
- ✓ Integrated filter cleaning system

### APPLICATIONS:



#### Suction unit

Voltage	V - Hz	230 - 50/60 1~
Marking	II 1/3D Ex h tb IIIC T80° (int) /T95°C (ext) Da/Dc	
Usage area		Hazardous location
EX category		CE EX 22 1/3D
Power	kW	2 x 1,1 by-pass
Max waterlift	mmH2O	2.400
Max air flow	m3/h	360
Noise level (EN ISO 3744)	dB(A)	76

#### Filtering Unit

Primary filter		Star
Surface - Diameter	cm <sup>2</sup> -mm	20.000 - 420
Total filtering surface area	cm <sup>2</sup>	26.000
Material - Efficiency	IEC 60335-2-69	M ANT
Cleaning system		Manual
Filtration efficiency		
Primary filter		Standard

#### Collection unit

Capacity	lt	65/100
Collection tank		AISI304 stainless steel

#### Encumbrances

Weight	kg	74
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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](http://www.dupuyvacuums.com)  
[info@dupuy.it](mailto:info@dupuy.it)

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### **SUCTION UNIT**

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Suction is generated by two carbon brush by-pass motors activated by independent switches located on a solid metal head, soundproofed with sound-absorbing material.

### **FILTERING 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.