

# W3 1/2D – ATEX-certified industrial vacuum cleaner for areas with high explosion risk

## INDUSTRIAL VACUUM CLEANERS



### Suction Unit

Power supply	V - Hz	230 - 50/60 1~
Marking	II 1/2D Ex h tb IIIC T80° (int)/T95°C (ext) Da/Db	
Zone use	Hazardous location	
EX Category	CE EX 21 1/2D	
Power	kW	2 x 1,1 brushless
Maximum depression	mmH2O	2250
Maximum air flow rate	m3/h	430
Noisiness (EN ISO 3744)	dB(A)	74

### Filter Unit

Primary filter	Pockets	
Surface area - diameter	cm <sup>2</sup> -mm	20.000 - 420
Total filter surface area	cm <sup>2</sup>	26.000
Filter media - class	IEC 60335-2-69	M ANT
Cleaning system	Handbook	
Filtration efficiency		
Absolute filter	Standard	

### Collection unit

Capacity	lt	65/100
Collection container	Stainless Steel AISI304	

### Encumbrances

Weight	kg	74
--------	----	----

## APPLICATIONS:



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)

# W3 1/2D – ATEX-certified industrial vacuum cleaner for areas with high explosion risk

INDUSTRIAL VACUUM CLEANERS

## SUCTION UNIT

The suction unit is equipped with two brushless motors which, thanks to the absence of carbon brushes, allow the machine to be used in the safest conditions, even in potentially explosive atmospheres. The motors are protected by different levels of filtration and are soundproofed.

## 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.